

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120523\
 Data File : VN080354.D
 Acq On : 05 Dec 2023 10:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 00:46:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/06/2023
 Supervised By : Mahesh Dadoda 12/06/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	212624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	165776	47.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.440%			
35) Dibromofluoromethane	8.165	113	123891	52.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	10.565	98	420365	49.263	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	12.847	95	164824	51.138	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	158233	49.960	ug/l	98
3) Chloromethane	2.359	50	104485	43.879	ug/l	99
4) Vinyl Chloride	2.512	62	120375	47.769	ug/l	97
5) Bromomethane	2.948	94	80270	46.922	ug/l	98
6) Chloroethane	3.118	64	76012	48.735	ug/l	98
7) Trichlorofluoromethane	3.495	101	273535	52.035	ug/l	99
8) Diethyl Ether	3.959	74	75983	49.702	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	123681	51.476	ug/l	95
10) Methyl Iodide	4.589	142	141901	54.648	ug/l #	85
11) Tert butyl alcohol	5.518	59	90255	233.776	ug/l	97
12) 1,1-Dichloroethene	4.342	96	113756	50.619	ug/l #	82
13) Acrolein	4.177	56	92516	270.775	ug/l	96
14) Allyl chloride	5.024	41	127162	44.975	ug/l	88
15) Acrylonitrile	5.706	53	238760	230.368	ug/l	99
16) Acetone	4.418	43	291647	247.330	ug/l	94
17) Carbon Disulfide	4.712	76	308603	45.991	ug/l	100
18) Methyl Acetate	5.018	43	167900	44.316	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	410349	51.706	ug/l	99
20) Methylene Chloride	5.271	84	129531	52.455	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	126073	51.066	ug/l #	82
22) Diisopropyl ether	6.671	45	307176	49.105	ug/l	98
23) Vinyl Acetate	6.600	43	902006	239.849	ug/l	96
24) 1,1-Dichloroethane	6.565	63	222864	48.915	ug/l	99
25) 2-Butanone	7.483	43	314266	224.315	ug/l	95
26) 2,2-Dichloropropane	7.488	77	242549	53.659	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	144880	51.760	ug/l	89
28) Bromochloromethane	7.812	49	79367	44.310	ug/l	97
29) Tetrahydrofuran	7.836	42	165007	219.376	ug/l	98
30) Chloroform	7.959	83	267080	52.447	ug/l	93
31) Cyclohexane	8.253	56	167117	43.771	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	263590	53.077	ug/l	96
36) 1,1-Dichloropropene	8.371	75	188926	55.126	ug/l	95
37) Ethyl Acetate	7.559	43	116399	48.965	ug/l	98
38) Carbon Tetrachloride	8.359	117	250533	57.606	ug/l	97
39) Methylcyclohexane	9.600	83	174511	52.810	ug/l	92
40) Benzene	8.606	78	514992	52.872	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	63503	48.643	ug/l	93
42) 1,2-Dichloroethane	8.671	62	223388	56.057	ug/l	95
43) Isopropyl Acetate	8.688	43	207419	44.838	ug/l	98
44) Trichloroethene	9.353	130	141861	55.522	ug/l	97
45) 1,2-Dichloropropane	9.624	63	118287	52.256	ug/l	98
46) Dibromomethane	9.706	93	92544	54.010	ug/l #	88
47) Bromodichloromethane	9.888	83	214217	56.834	ug/l	95
48) Methyl methacrylate	9.682	41	119614	50.175	ug/l	94
49) 1,4-Dioxane	9.694	88	38055	959.537	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	589360	246.081	ug/l	98
52) Toluene	10.629	92	337067	55.295	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	215508	55.651	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	224229	56.676	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	127602	54.846	ug/l	97
56) Ethyl methacrylate	10.877	69	132108	55.583	ug/l	94
57) 1,3-Dichloropropane	11.165	76	220388	54.255	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	328192	245.100	ug/l	100
59) 2-Hexanone	11.194	43	467225	242.777	ug/l	97
60) Dibromochloromethane	11.359	129	161870	58.114	ug/l	98
61) 1,2-Dibromoethane	11.471	107	127784	53.838	ug/l	96
64) Tetrachloroethene	11.106	164	129336	58.100	ug/l	99
65) Chlorobenzene	11.894	112	356863	53.992	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	150720	58.762	ug/l	94
67) Ethyl Benzene	11.965	91	659625	56.084	ug/l	96
68) m/p-Xylenes	12.071	106	491448	114.603	ug/l	87
69) o-Xylene	12.400	106	236519	58.525	ug/l	88
70) Styrene	12.412	104	349502	58.104	ug/l	92
71) Bromoform	12.576	173	109480	57.557	ug/l #	99
73) Isopropylbenzene	12.700	105	619617	53.926	ug/l	99
74) N-amyl acetate	12.494	43	163181	45.541	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	157241	45.723	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	174266m	48.101	ug/l	
77) Bromobenzene	12.982	156	155047	53.522	ug/l	93
78) n-propylbenzene	13.035	91	690316	53.727	ug/l	100
79) 2-Chlorotoluene	13.123	91	441810	52.943	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	541933	54.182	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	51237	47.782	ug/l #	82
82) 4-Chlorotoluene	13.223	91	454108	53.118	ug/l	97
83) tert-Butylbenzene	13.441	119	428515	53.424	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	548998	55.742	ug/l	95
85) sec-Butylbenzene	13.618	105	557022	54.897	ug/l	99
86) p-Isopropyltoluene	13.729	119	507032	55.938	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	271353	51.991	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	268736	51.235	ug/l	97
89) n-Butylbenzene	14.059	91	410626	54.125	ug/l	100
90) Hexachloroethane	14.335	117	90136	51.009	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	260570	52.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	36600	45.820	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	136733	47.070	ug/l	97
94) Hexachlorobutadiene	15.506	225	81560	48.790	ug/l	99
95) Naphthalene	15.641	128	369948	43.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	131575	48.324	ug/l	99

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ClientSampleId :
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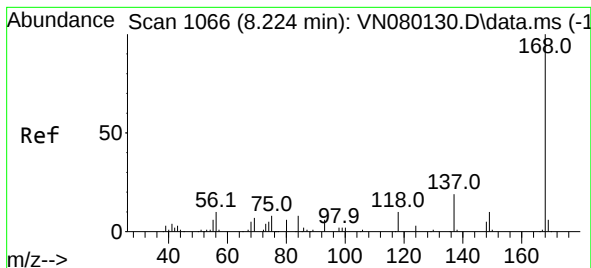
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/06/2023

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Quant Title : SW846 8260
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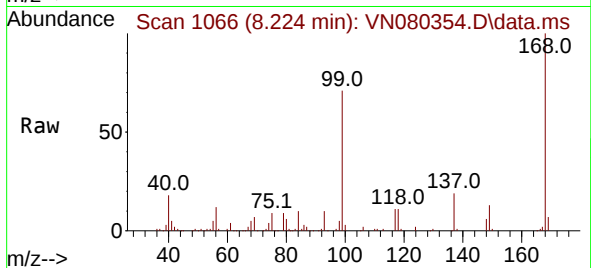
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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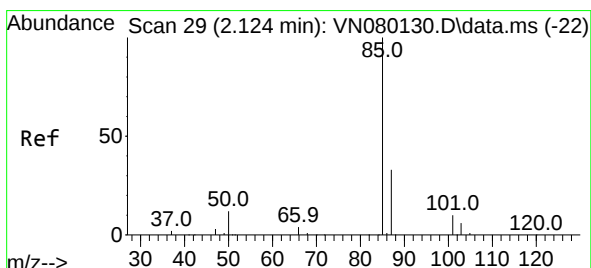
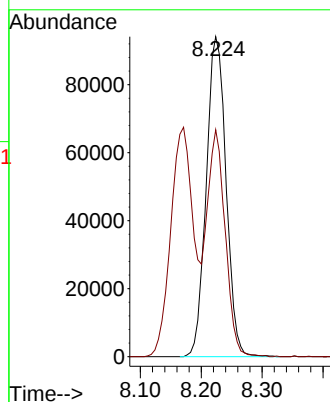
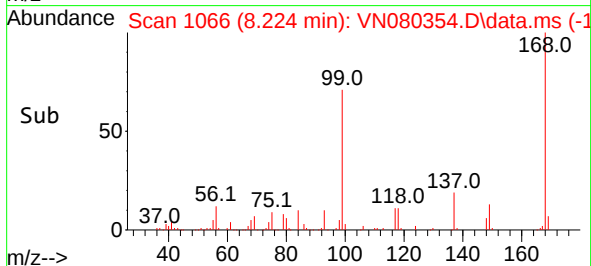
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 212624
Ion Ratio Lower Upper
168 100
99 70.9 53.0 79.6

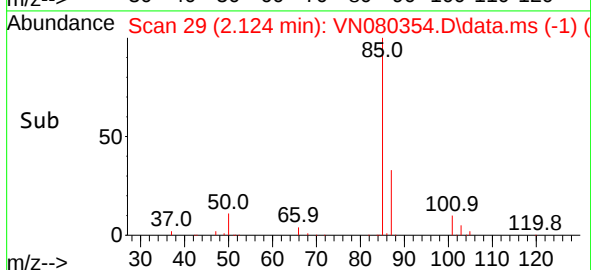
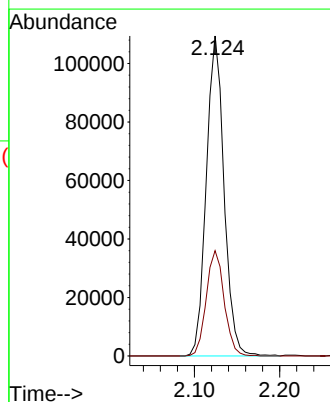
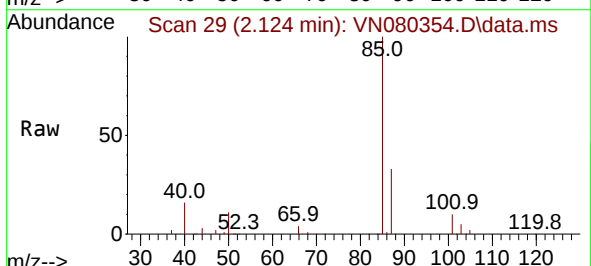
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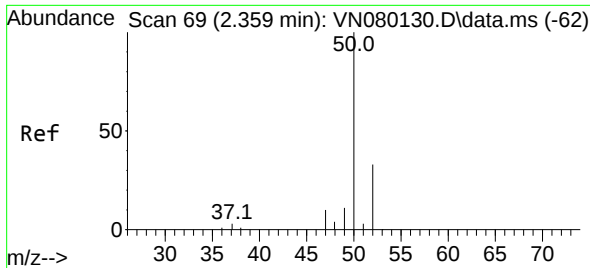
Reviewed By :John Carlone 12/06/2023
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#2
Dichlorodifluoromethane
Concen: 49.960 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

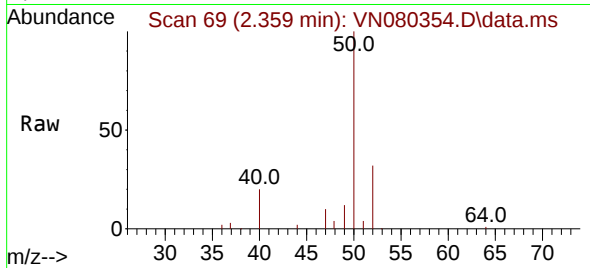
Tgt Ion: 85 Resp: 158233
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 43.879 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

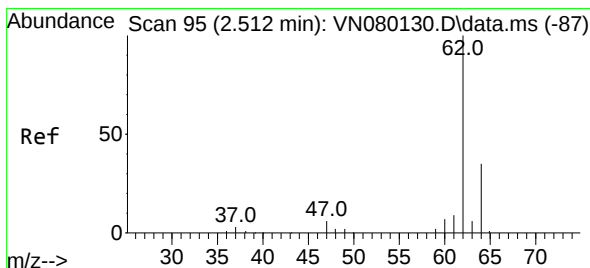
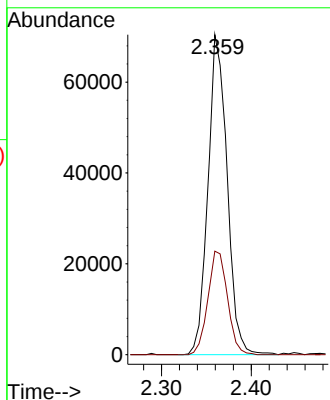
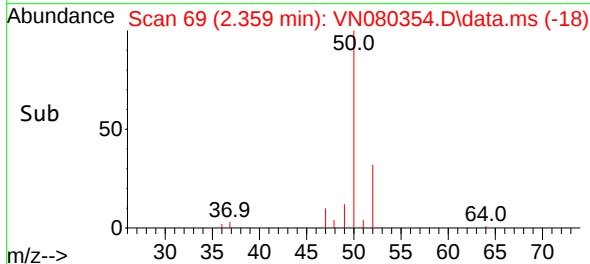
Instrument :
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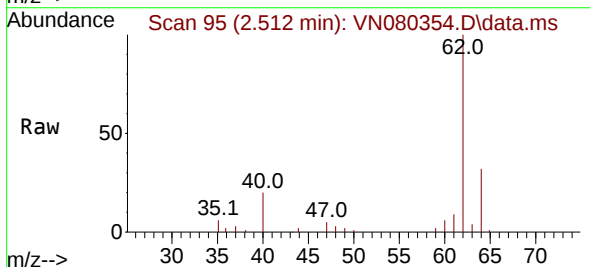
Tgt Ion: 50 Resp: 104485
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

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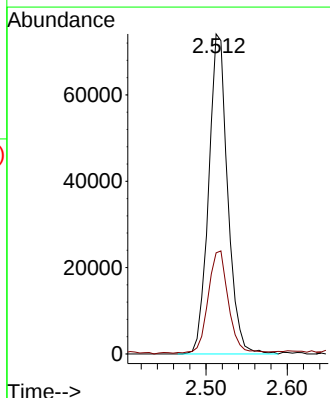
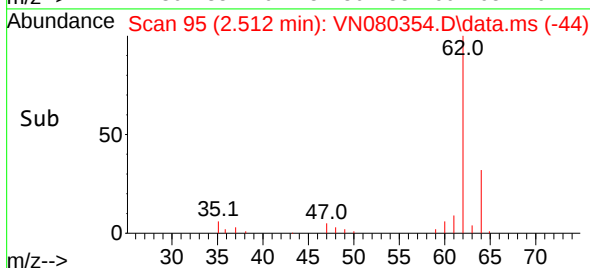
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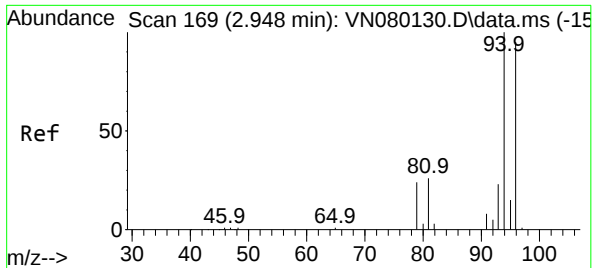


#4
Vinyl Chloride
Concen: 47.769 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 62 Resp: 120375
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





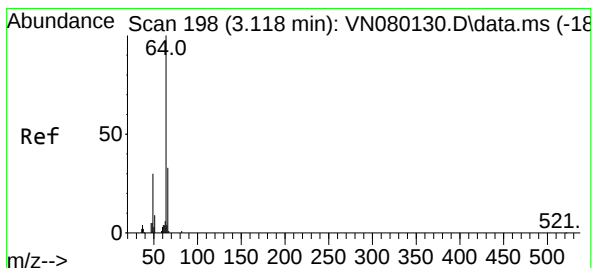
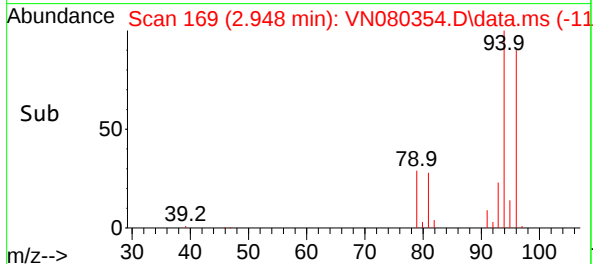
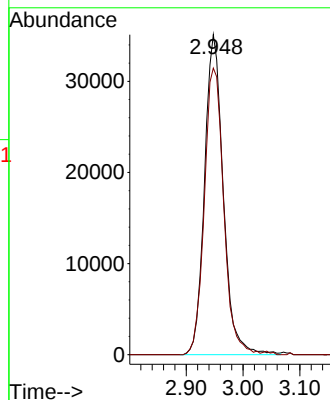
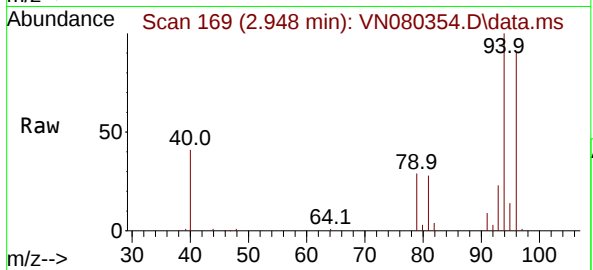
#5
Bromomethane
Concen: 46.922 ug/l
RT: 2.948 min Scan# 169
Delta R.T. -0.000 min
Lab File: VN080354.D
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Instrument :
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Tgt Ion: 94 Resp: 80270
Ion Ratio Lower Upper
94 100
96 89.6 73.1 109.7

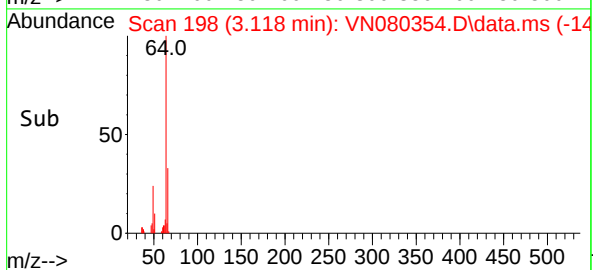
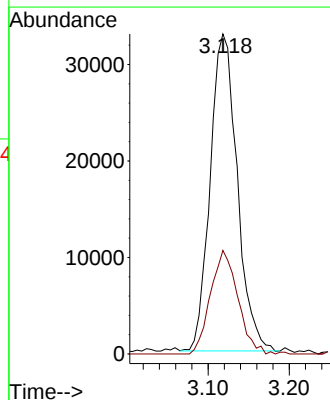
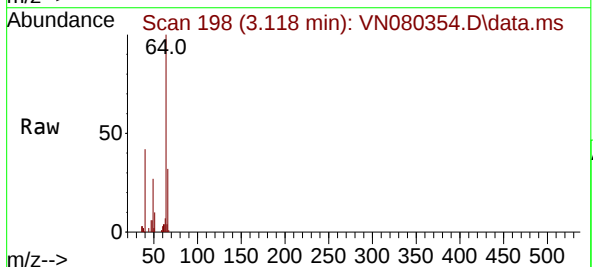
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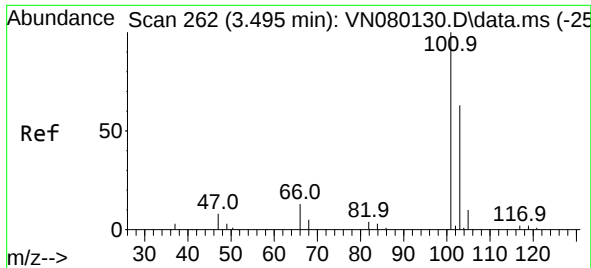
Reviewed By :John Carlone 12/06/2023
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#6
Chloroethane
Concen: 48.735 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 64 Resp: 76012
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





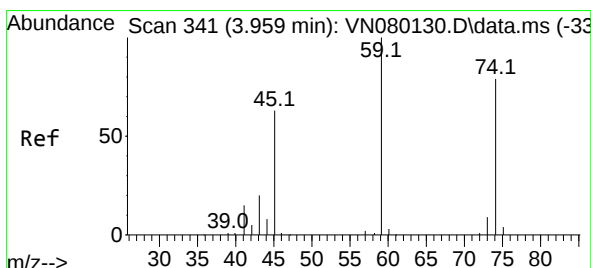
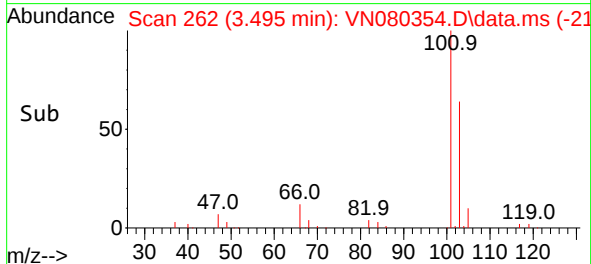
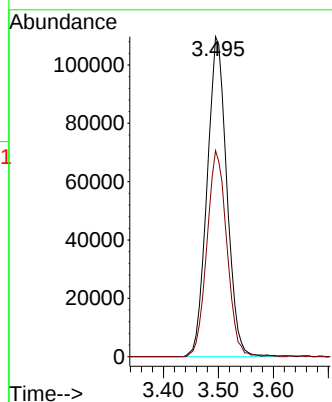
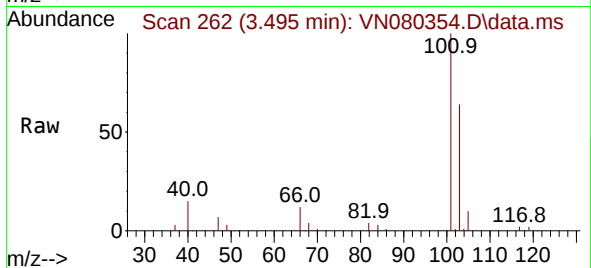
#7
Trichlorofluoromethane
Concen: 52.035 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 27353
Ion Ratio Lower Upper
101 100
103 64.4 50.7 76.1

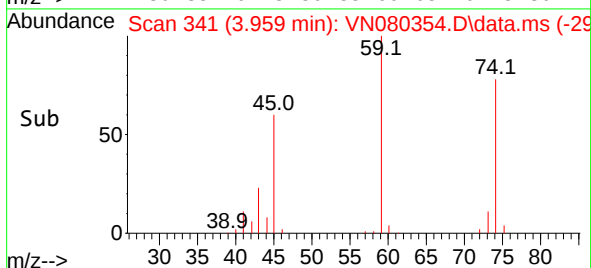
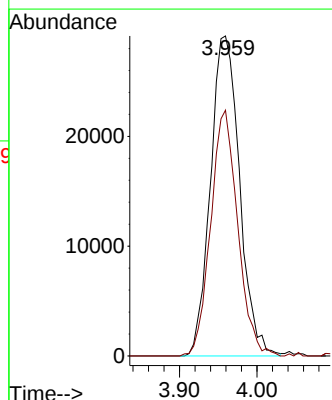
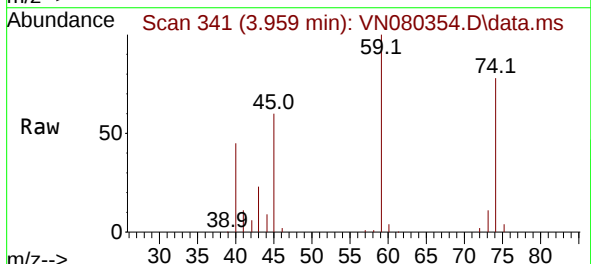
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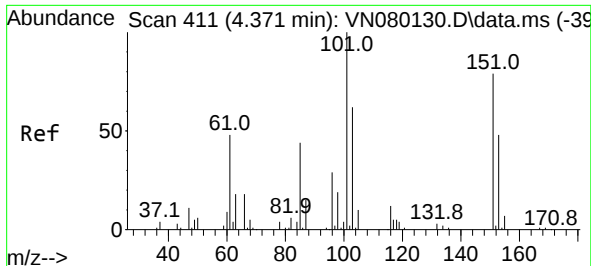
Reviewed By :John Carlone 12/06/2023
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#8
Diethyl Ether
Concen: 49.702 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 74 Resp: 75983
Ion Ratio Lower Upper
74 100
45 71.3 34.4 103.3





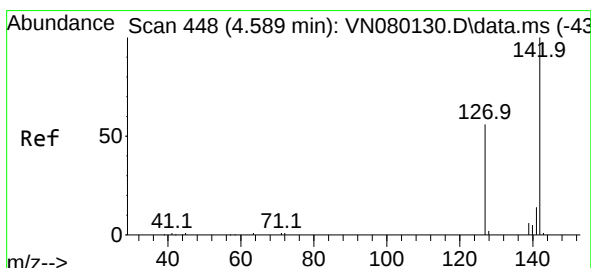
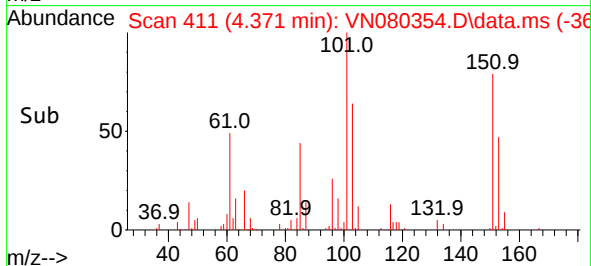
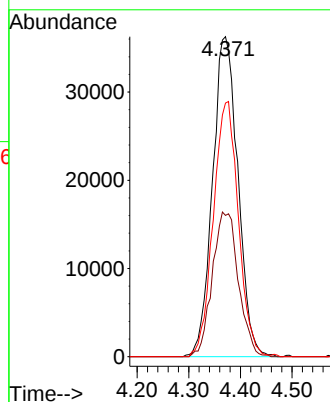
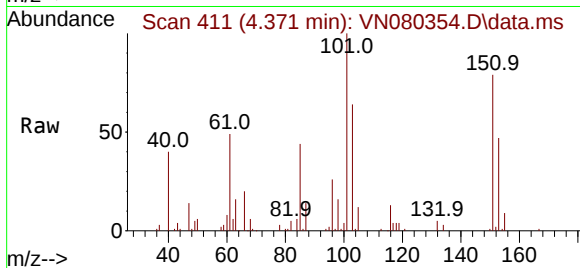
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.476 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12368
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 78.7 57.6 86.4

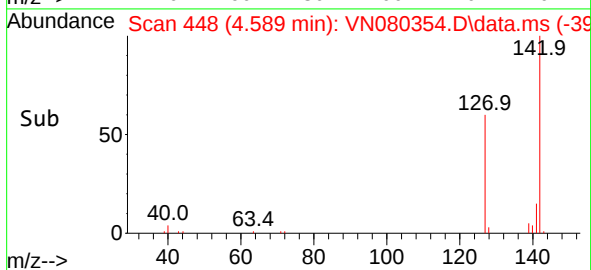
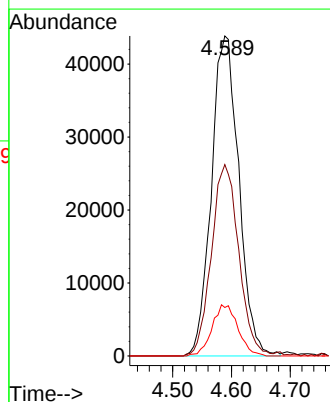
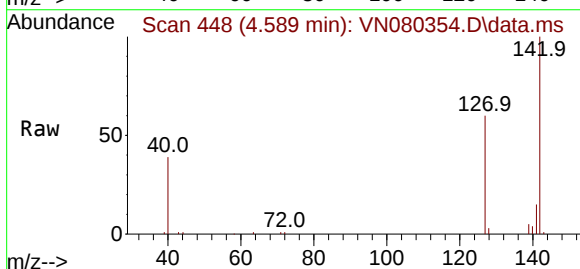
Manual Integrations
APPROVED

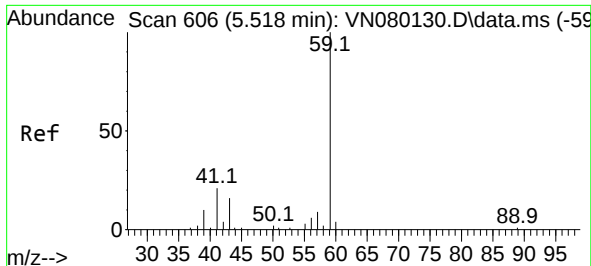
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#10
Methyl Iodide
Concen: 54.648 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:142 Resp: 141901
Ion Ratio Lower Upper
142 100
127 59.8 37.6 56.4#
141 15.1 11.4 17.0





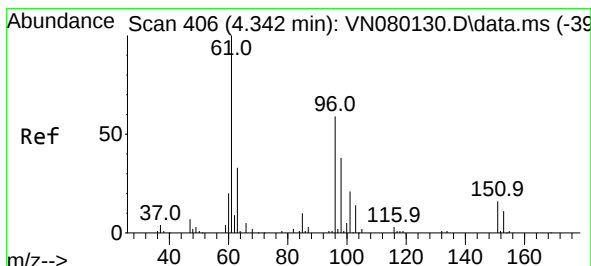
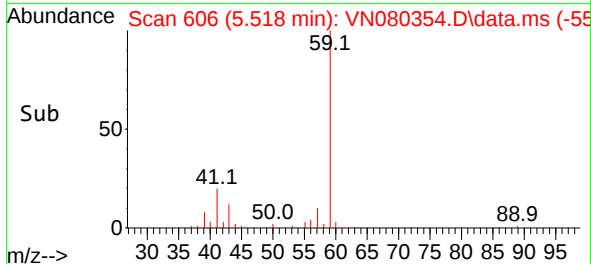
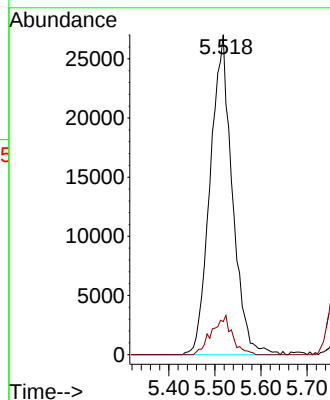
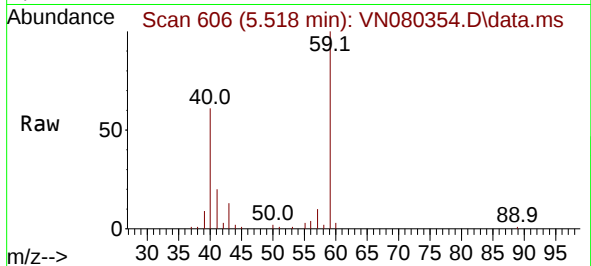
#11
Tert butyl alcohol
Concen: 233.776 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 9025
Ion Ratio Lower Upper
59 100
57 11.4 8.2 12.4

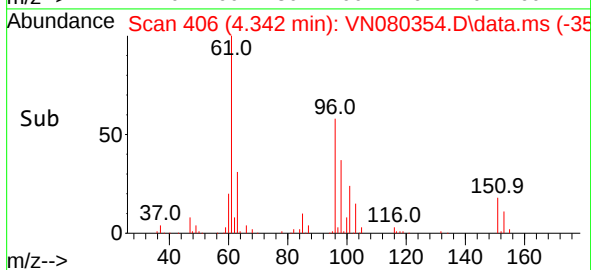
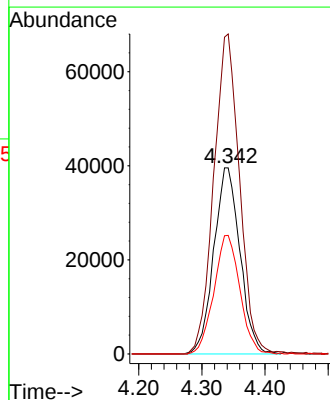
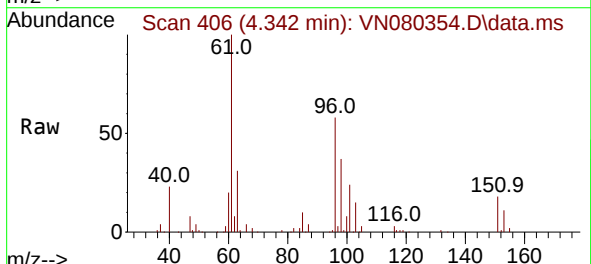
Manual Integrations
APPROVED

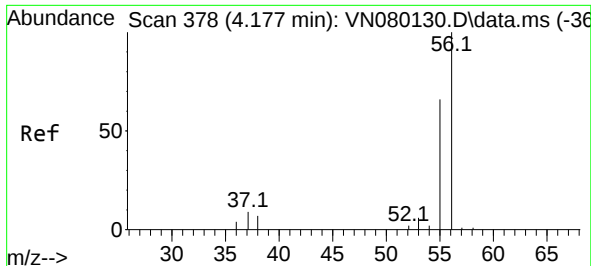
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#12
1,1-Dichloroethene
Concen: 50.619 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 96 Resp: 113756
Ion Ratio Lower Upper
96 100
61 172.0 112.7 169.1#
98 63.8 51.2 76.8





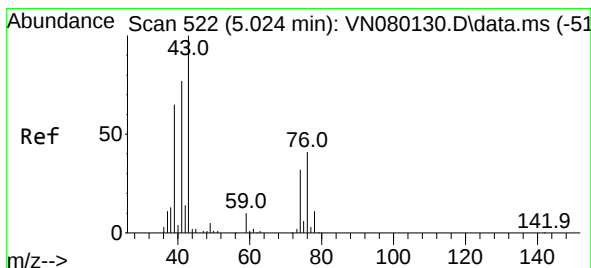
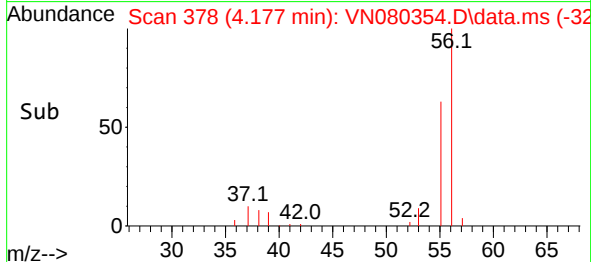
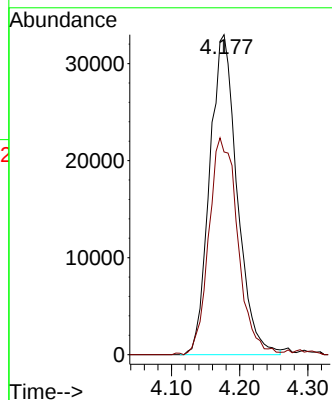
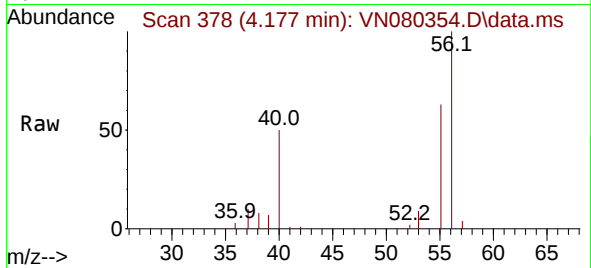
#13
Acrolein
Concen: 270.775 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 92510
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

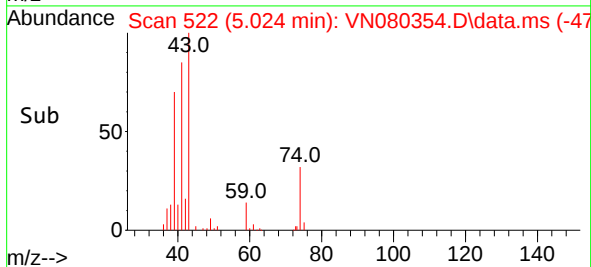
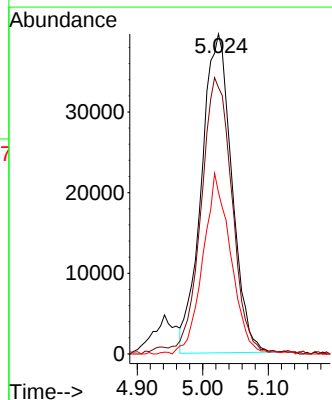
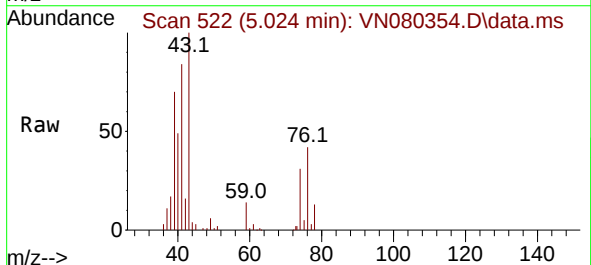
Manual Integrations
APPROVED

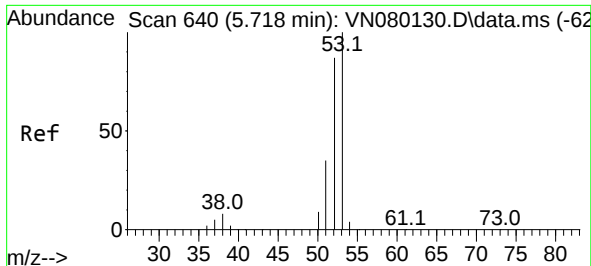
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#14
Allyl chloride
Concen: 44.975 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 41 Resp: 127162
Ion Ratio Lower Upper
41 100
39 87.4 58.8 88.2
76 52.3 39.1 58.7





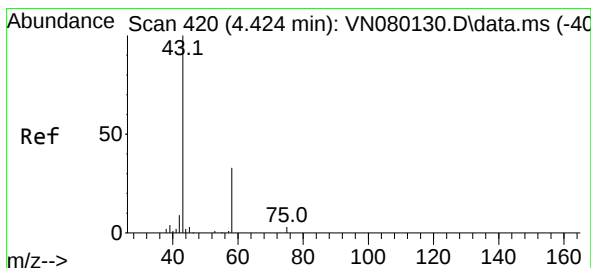
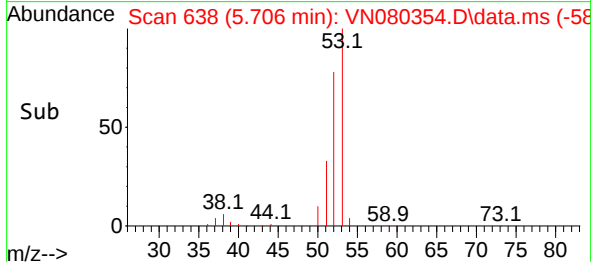
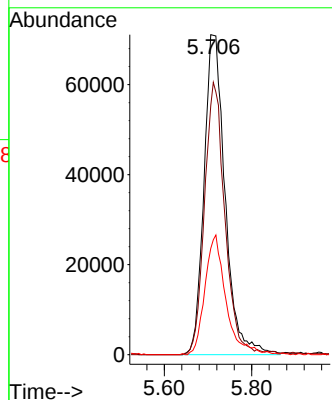
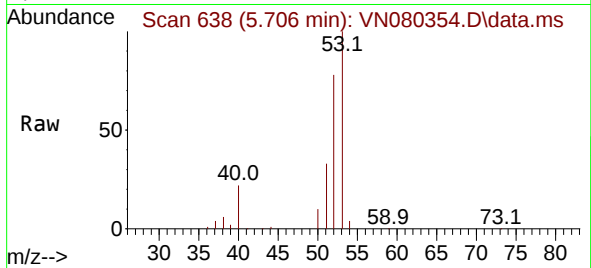
#15
Acrylonitrile
Concen: 230.368 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 238760
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.8 28.9 43.3

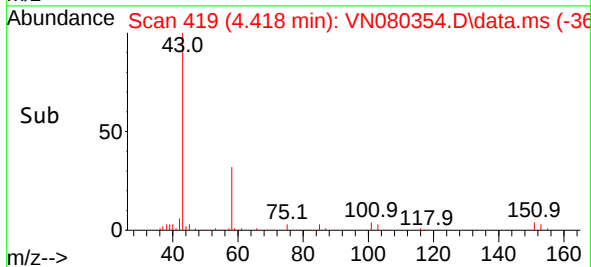
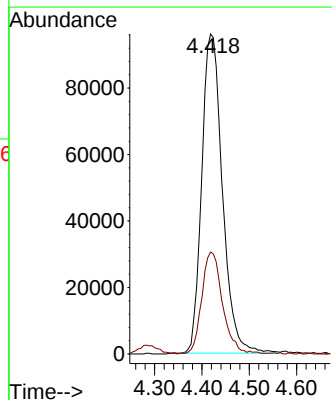
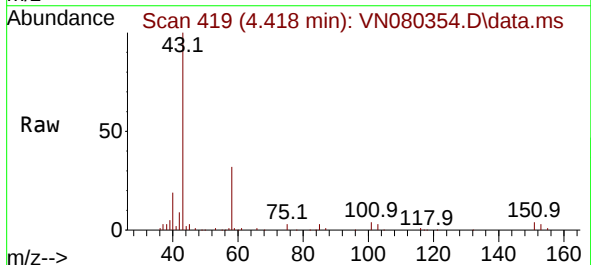
Manual Integrations
APPROVED

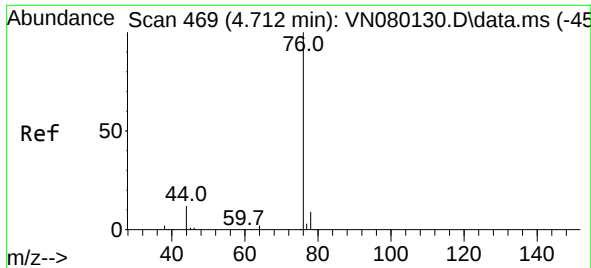
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#16
Acetone
Concen: 247.330 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

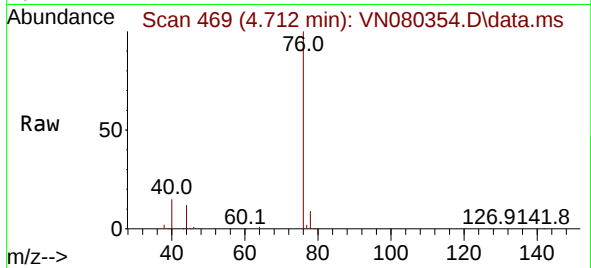
Tgt Ion: 43 Resp: 291647
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0





#17
Carbon Disulfide
Concen: 45.991 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

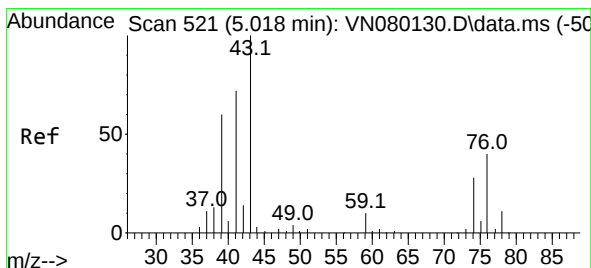
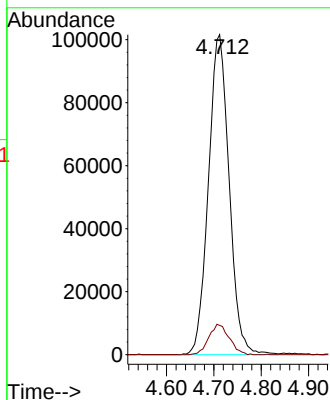
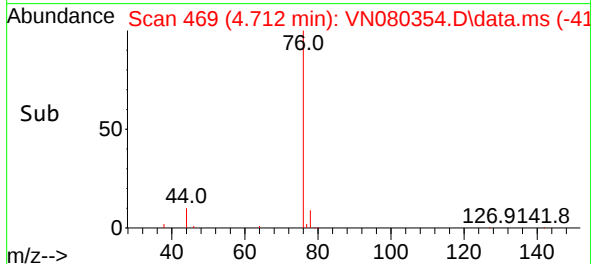
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



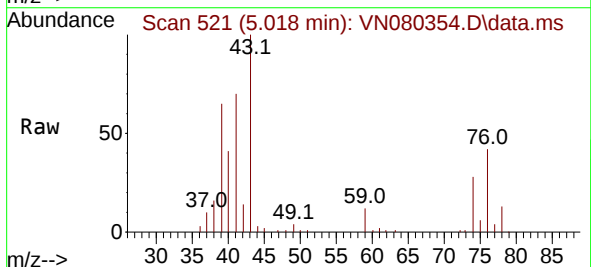
Tgt Ion: 76 Resp: 30860
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

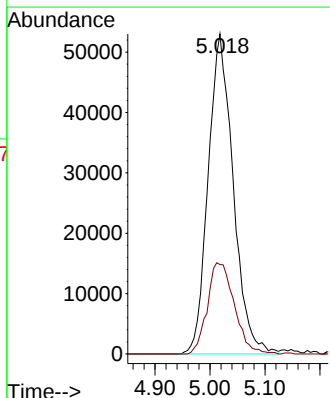
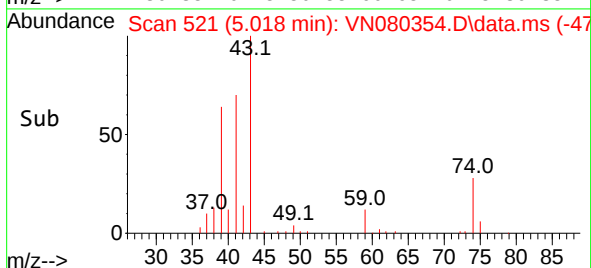
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

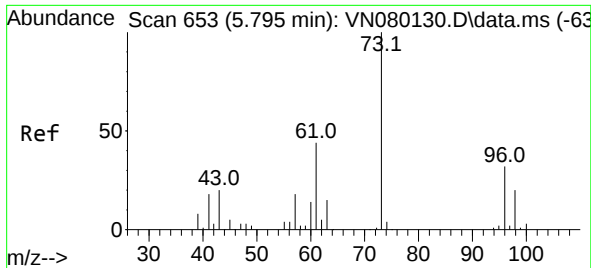


#18
Methyl Acetate
Concen: 44.316 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 43 Resp: 167900
Ion Ratio Lower Upper
43 100
74 30.6 26.2 39.4





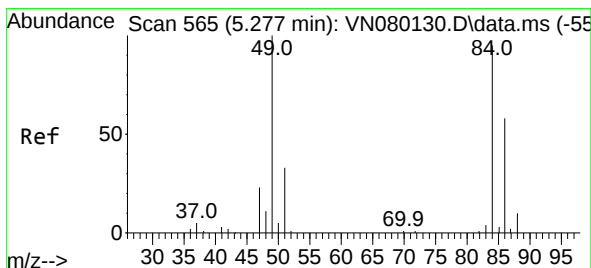
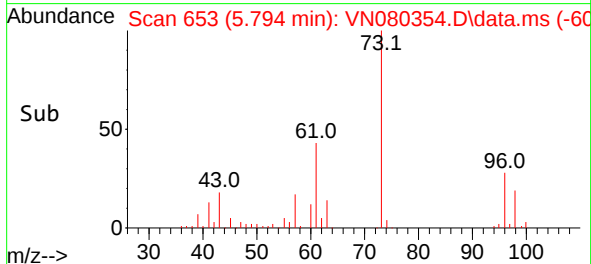
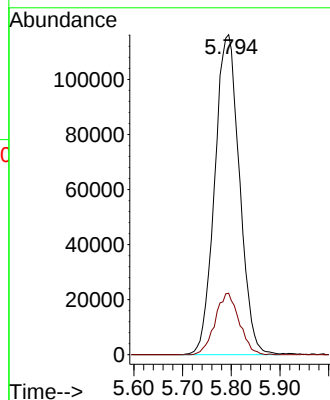
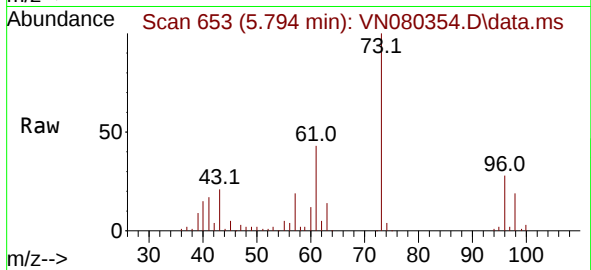
#19
Methyl tert-butyl Ether
Concen: 51.706 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 410349
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

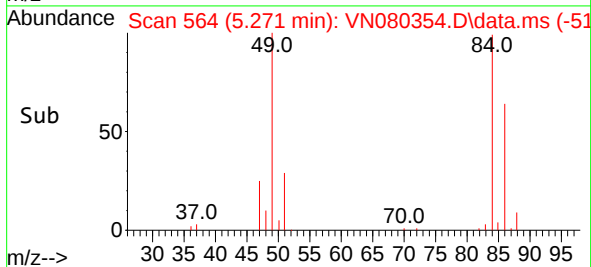
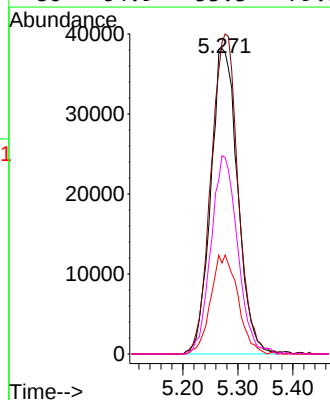
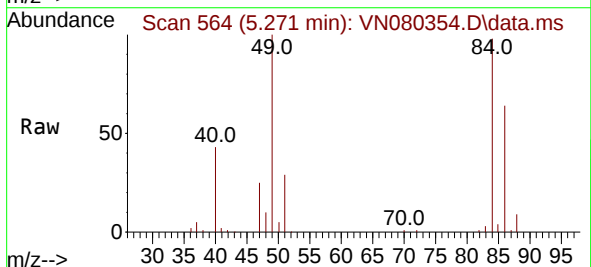
Manual Integrations
APPROVED

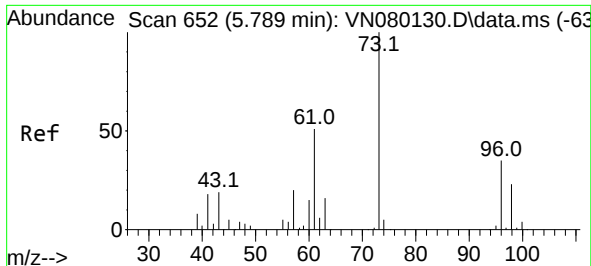
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#20
Methylene Chloride
Concen: 52.455 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

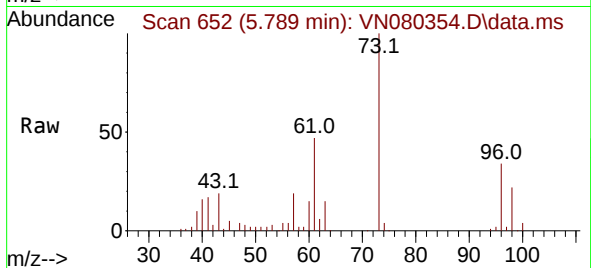
Tgt Ion: 84 Resp: 129531
Ion Ratio Lower Upper
84 100
49 102.0 79.7 119.5
51 29.8 25.2 37.8
86 64.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 51.066 ug/l
RT: 5.789 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

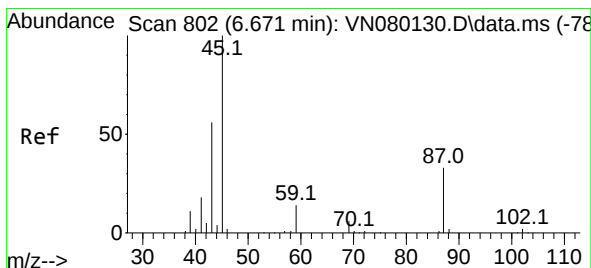
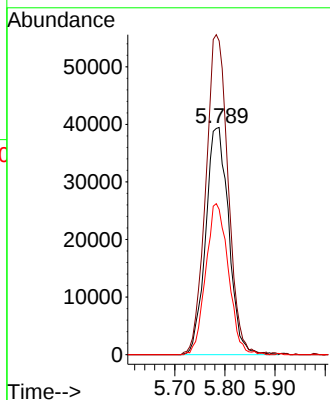
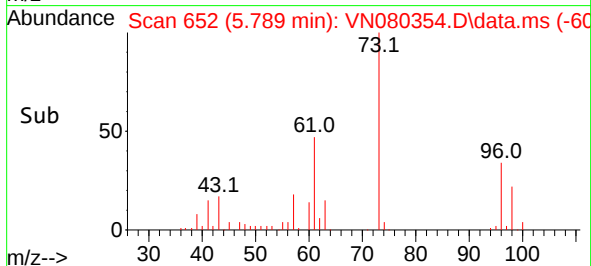
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



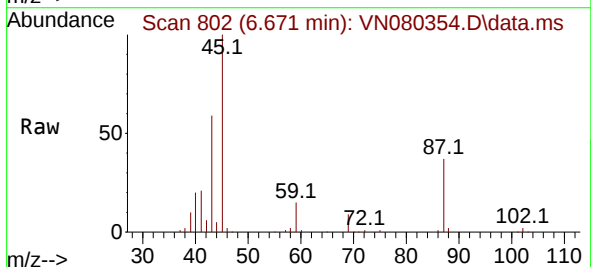
Tgt Ion: 96 Resp: 126073
Ion Ratio Lower Upper
96 100
61 138.1 90.1 135.1
98 64.0 46.4 69.6

Manual Integrations
APPROVED

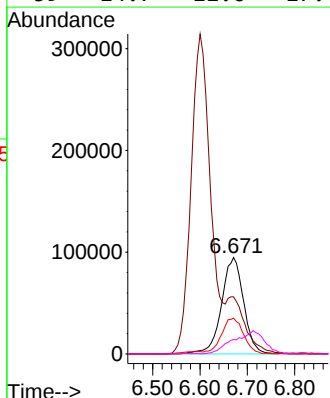
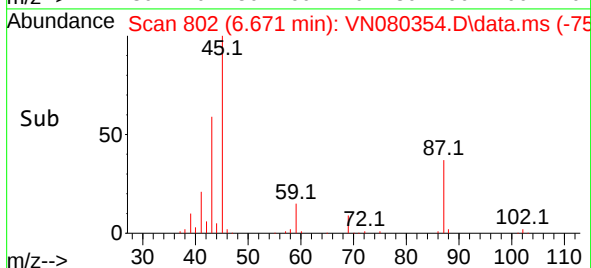
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

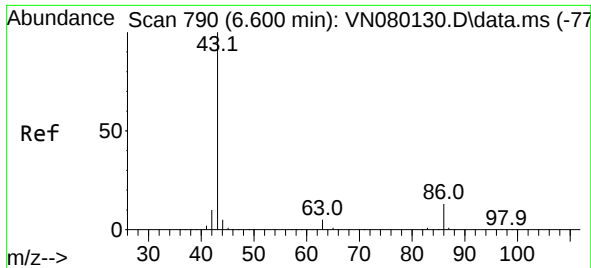


#22
Diisopropyl ether
Concen: 49.105 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 45 Resp: 307176
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 37.0 31.8 47.8
59 14.7 11.6 17.4





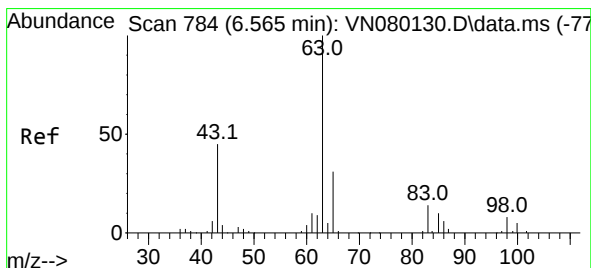
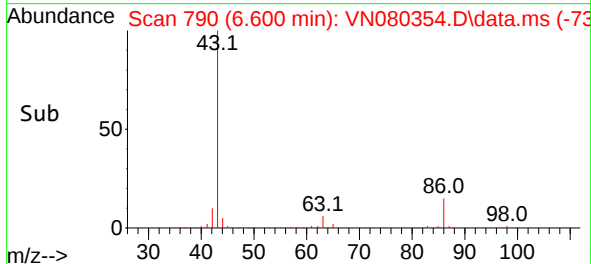
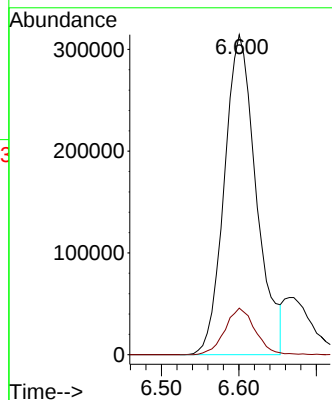
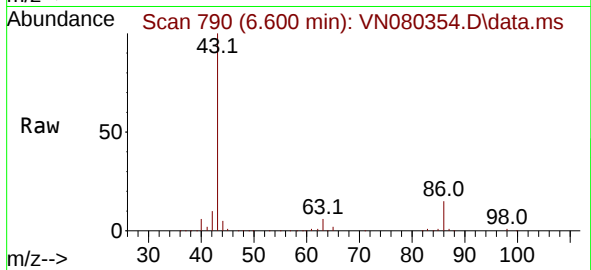
#23
 Vinyl Acetate
 Concen: 239.849 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 902000
 Ion Ratio Lower Upper
 43 100
 86 14.5 13.0 19.6

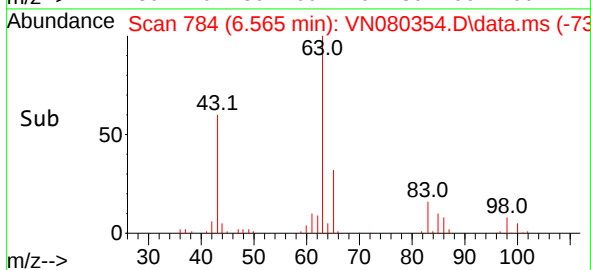
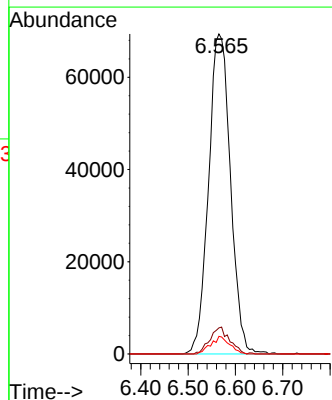
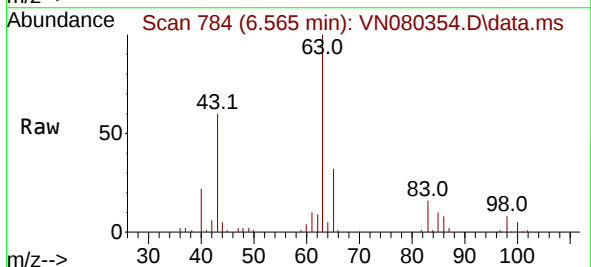
Manual Integrations
 APPROVED

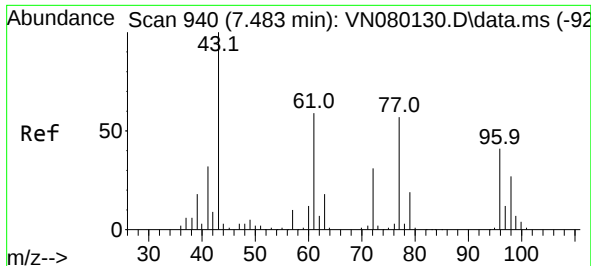
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#24
 1,1-Dichloroethane
 Concen: 48.915 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

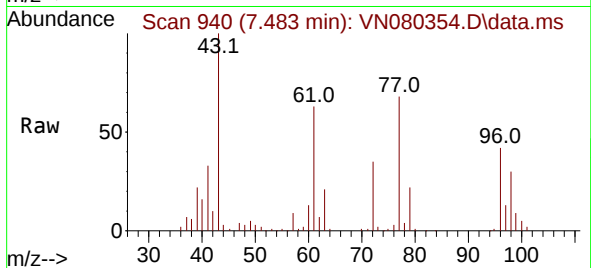
Tgt Ion: 63 Resp: 222864
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 224.315 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

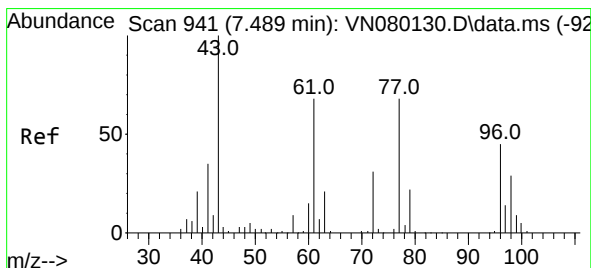
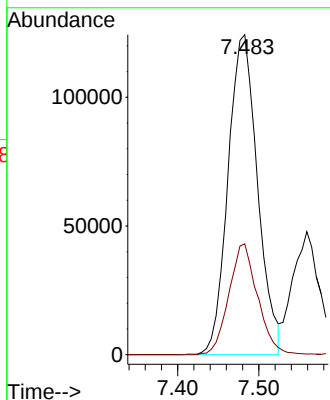
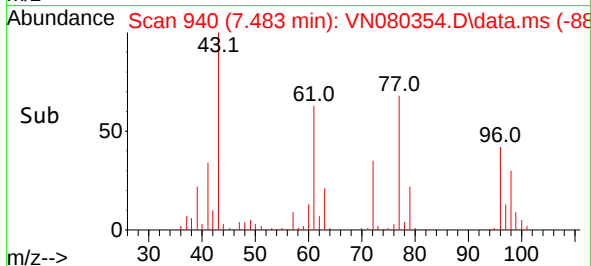
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



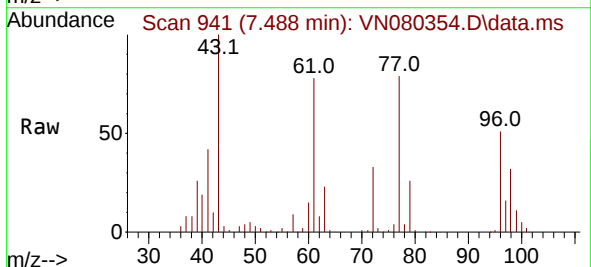
Tgt Ion: 43 Resp: 314260
Ion Ratio Lower Upper
43 100
72 34.6 30.2 45.2

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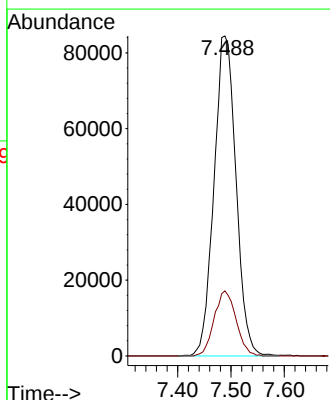
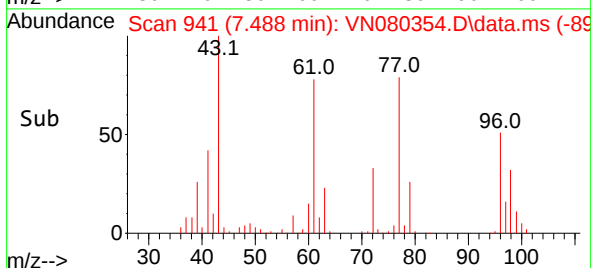
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

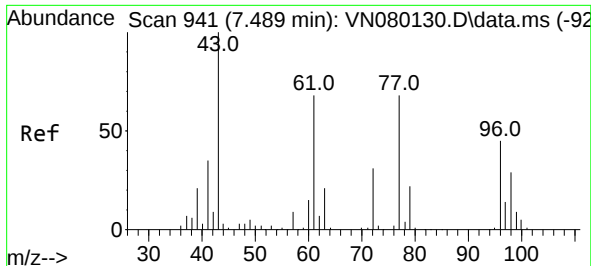


#26
2,2-Dichloropropane
Concen: 53.659 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



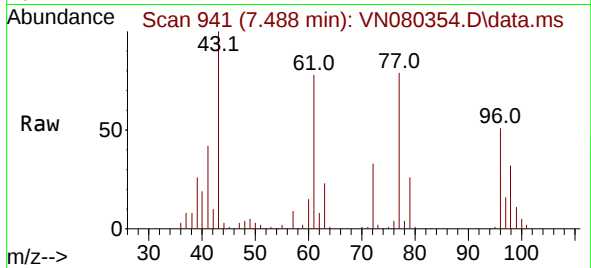
Tgt Ion: 77 Resp: 242549
Ion Ratio Lower Upper
77 100
97 20.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.760 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

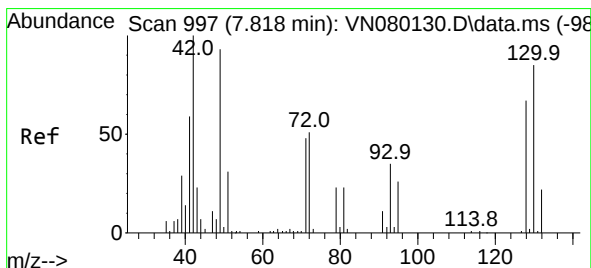
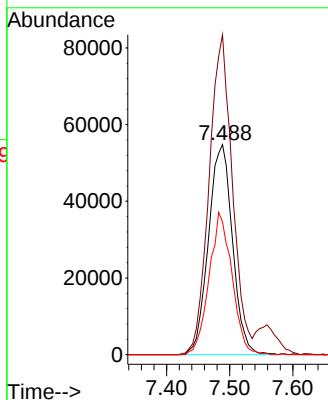
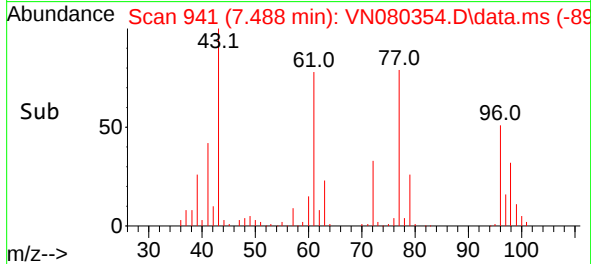
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 144880
 Ion Ratio Lower Upper
 96 100
 61 147.4 0.0 255.2
 98 64.2 0.0 128.8

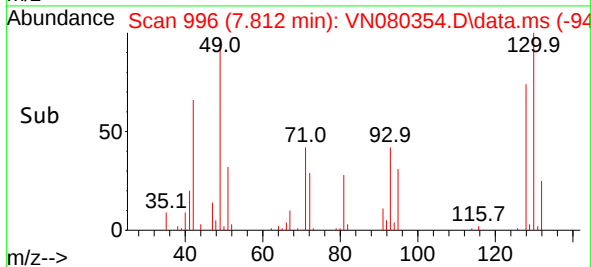
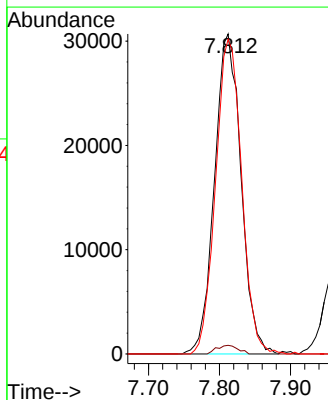
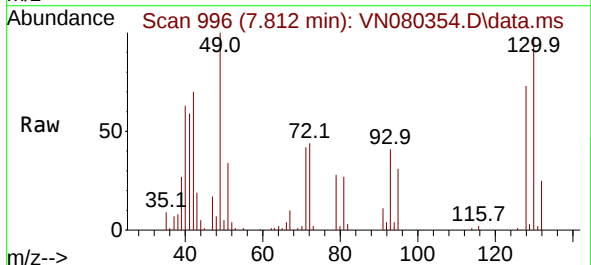
Manual Integrations
 APPROVED

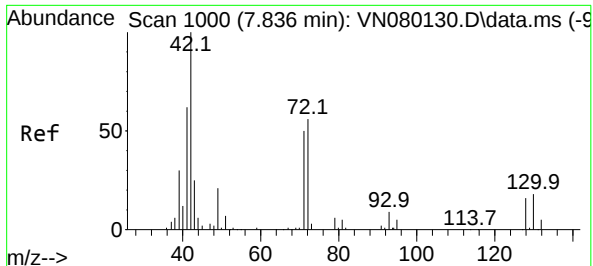
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#28
 Bromochloromethane
 Concen: 44.310 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

Tgt Ion: 49 Resp: 79367
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 96.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 219.376 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16500

Ion Ratio Lower Upper

42 100

72 59.9 49.8 74.6

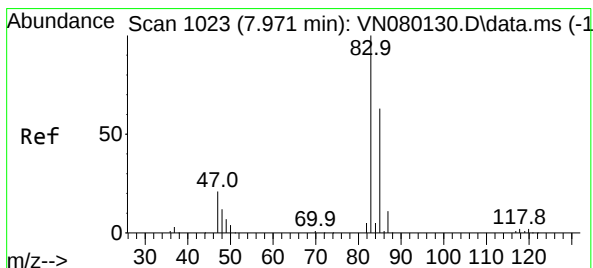
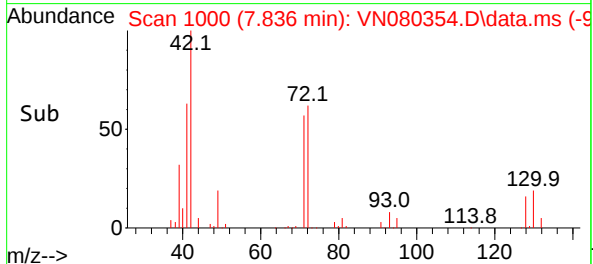
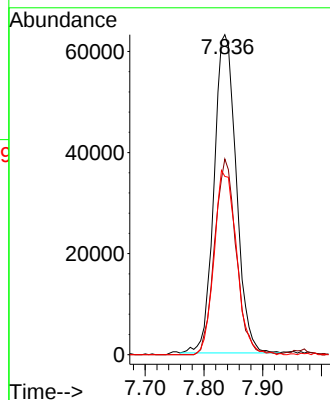
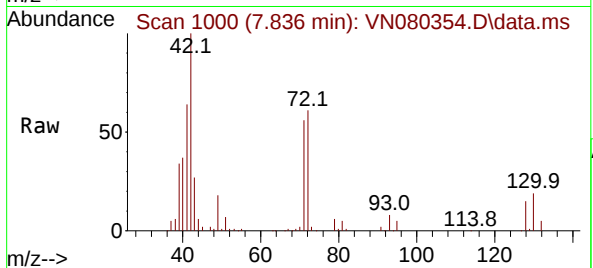
71 58.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#30

Chloroform

Concen: 52.447 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.012 min

Lab File: VN080354.D

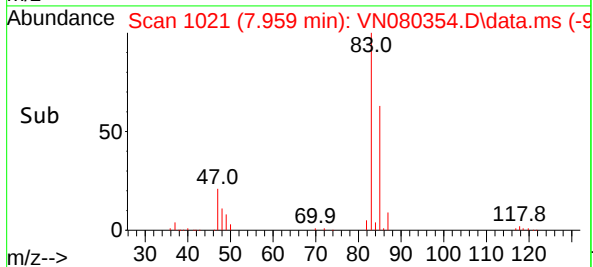
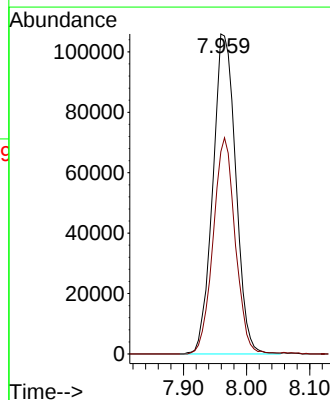
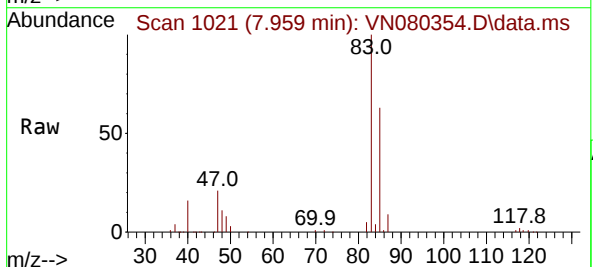
Acq: 05 Dec 2023 10:05

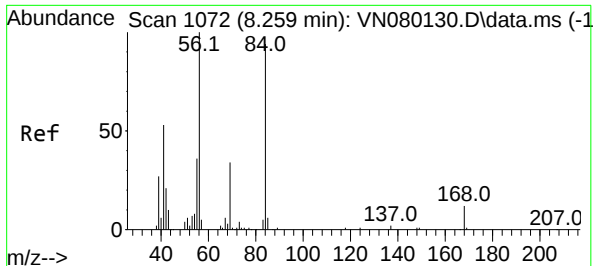
Tgt Ion: 83 Resp: 267080

Ion Ratio Lower Upper

83 100

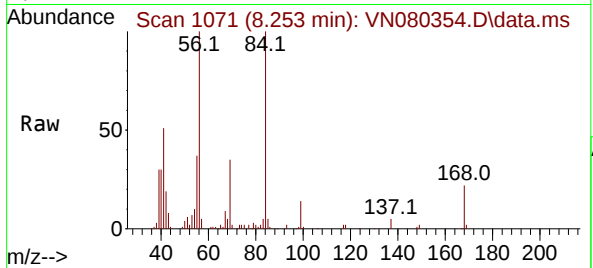
85 63.2 55.4 83.0





#31
Cyclohexane
Concen: 43.771 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

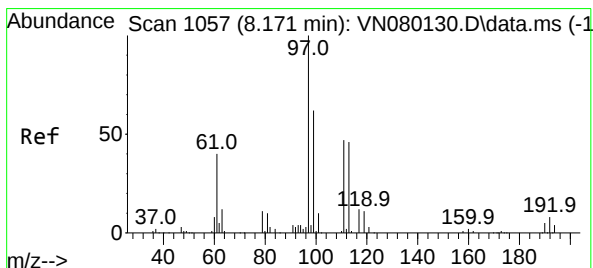
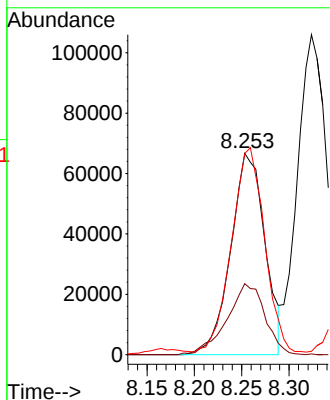
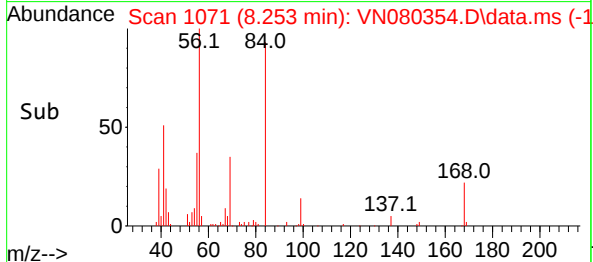
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



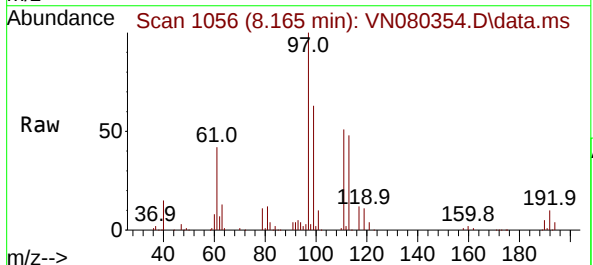
Tgt Ion: 56 Resp: 16711
Ion Ratio Lower Upper
56 100
69 35.3 26.8 40.2
84 97.7 81.8 122.6

Manual Integrations
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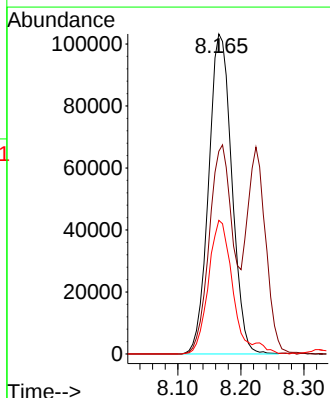
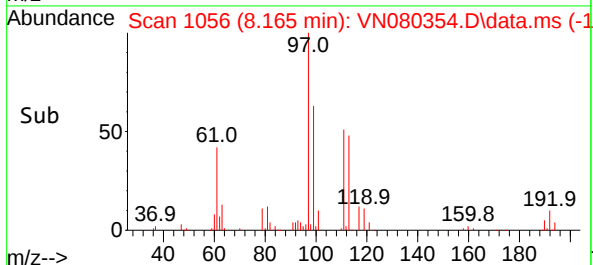
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

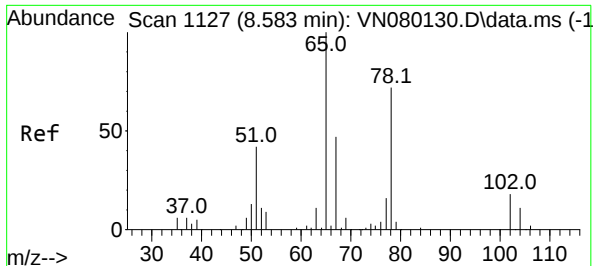


#32
1,1,1-Trichloroethane
Concen: 53.077 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 97 Resp: 263590
Ion Ratio Lower Upper
97 100
99 67.7 50.3 75.5
61 42.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 47.219 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 165770

Ion Ratio Lower Upper

65 100

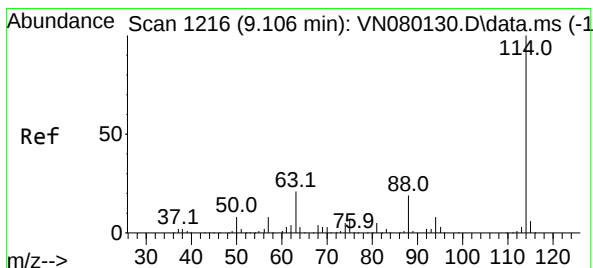
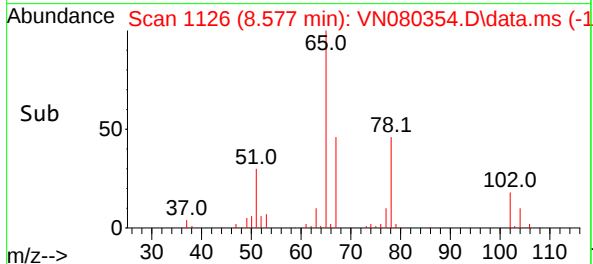
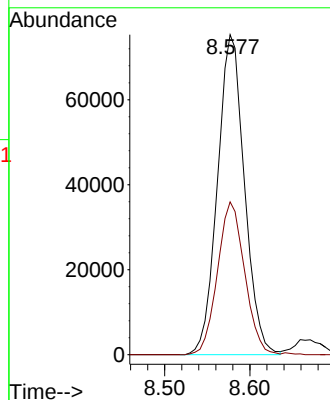
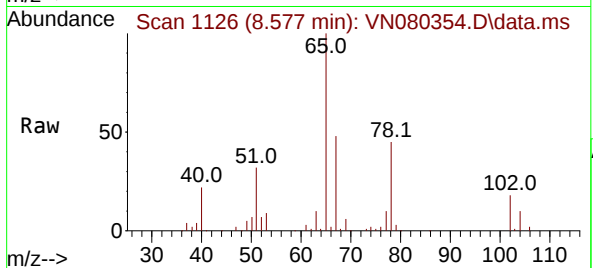
67 48.0 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

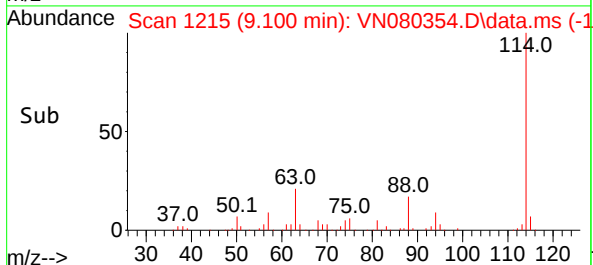
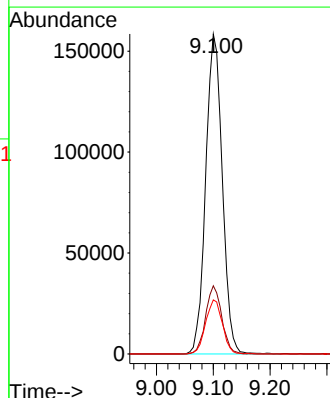
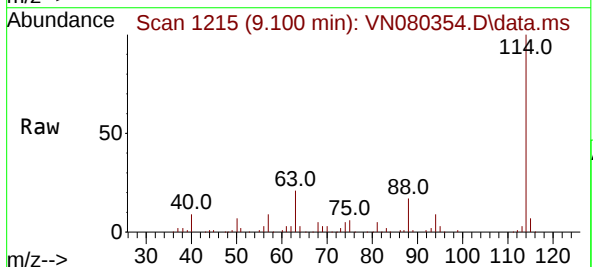
Tgt Ion:114 Resp: 320809

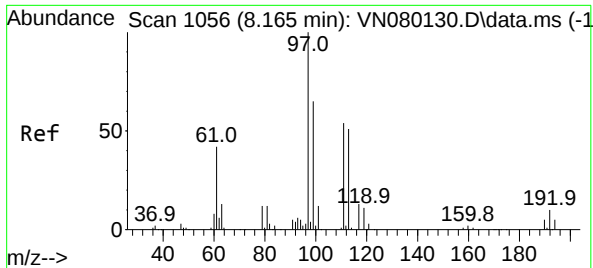
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

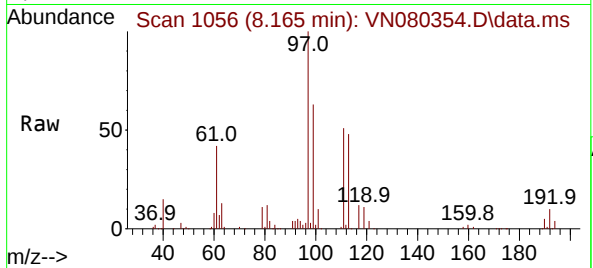
88 16.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.338 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

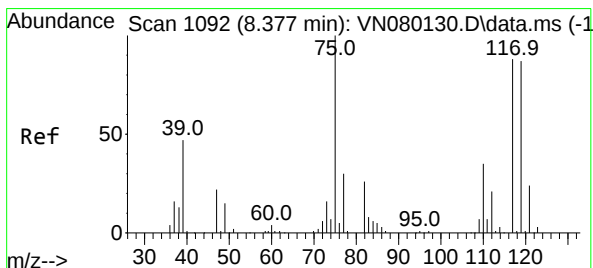
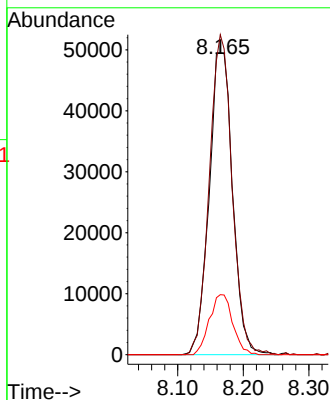
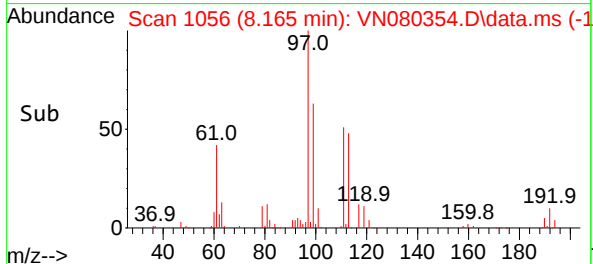
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



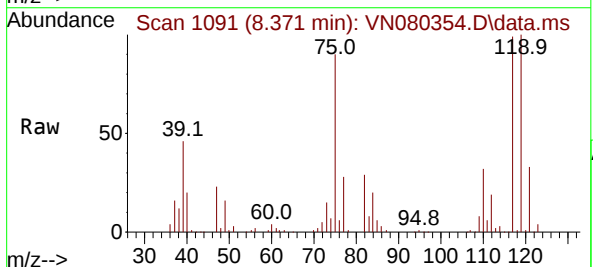
Tgt Ion:113 Resp: 12389
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.6 12.7 19.1

Manual Integrations
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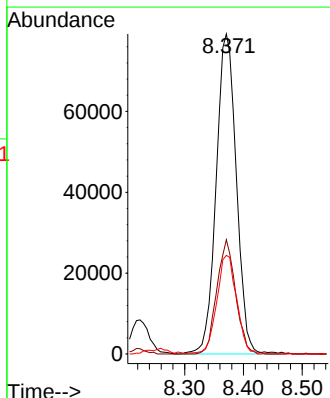
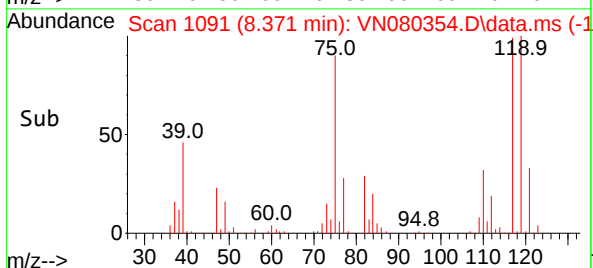
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

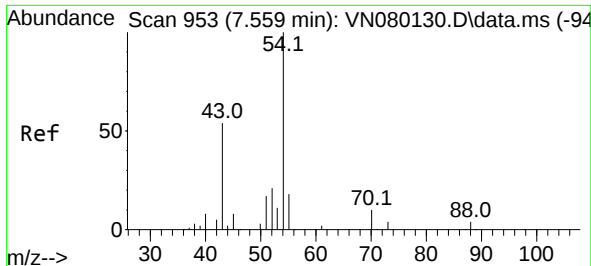


#36
1,1-Dichloropropene
Concen: 55.126 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 75 Resp: 188926
Ion Ratio Lower Upper
75 100
110 33.2 19.1 57.3
77 30.3 25.0 37.4





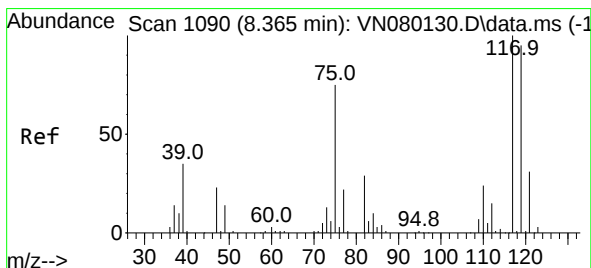
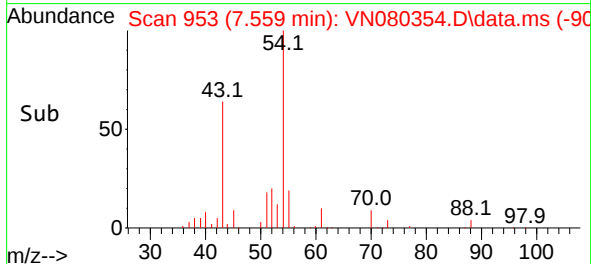
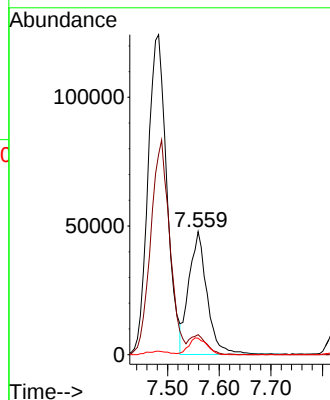
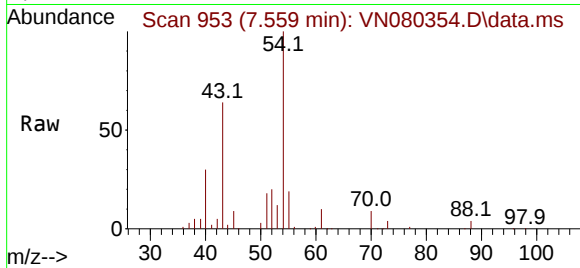
#37
Ethyl Acetate
Concen: 48.965 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 116399
Ion Ratio Lower Upper
43 100
61 15.1 13.2 19.8
70 13.7 11.3 16.9

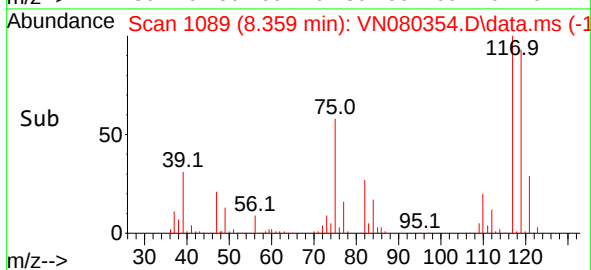
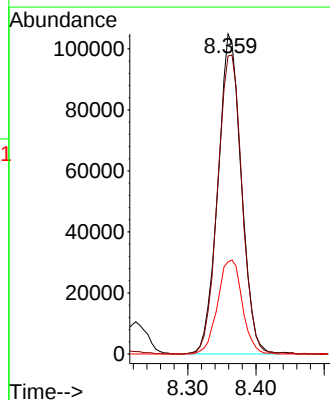
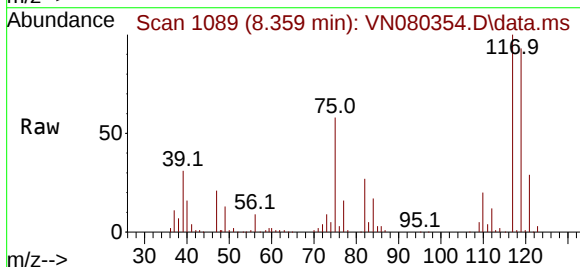
Manual Integrations
APPROVED

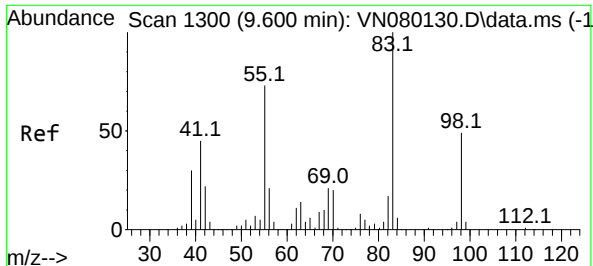
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#38
Carbon Tetrachloride
Concen: 57.606 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:117 Resp: 250533
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 28.8 23.3 34.9





#39

Methylcyclohexane

Concen: 52.810 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 17451

Ion Ratio Lower Upper

83 100

55 72.1 49.1 73.7

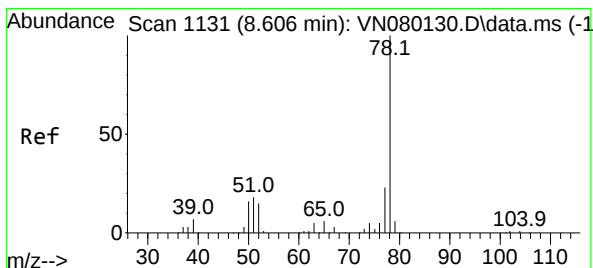
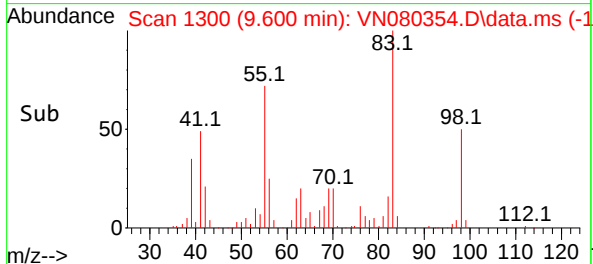
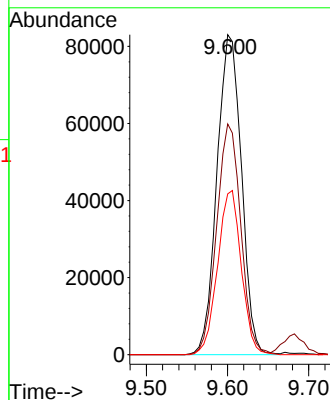
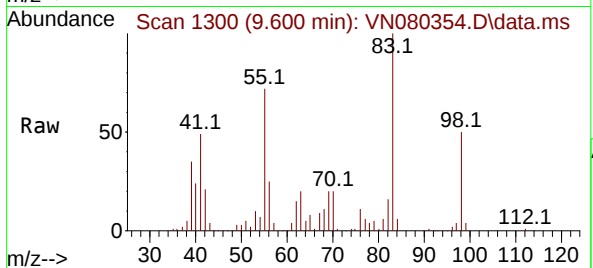
98 50.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#40

Benzene

Concen: 52.872 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080354.D

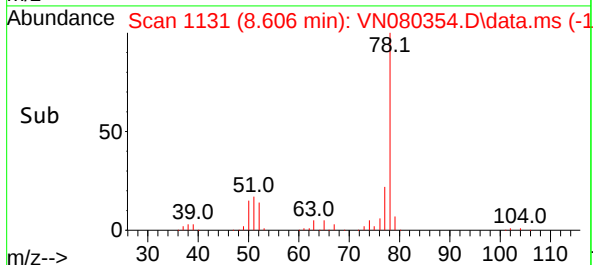
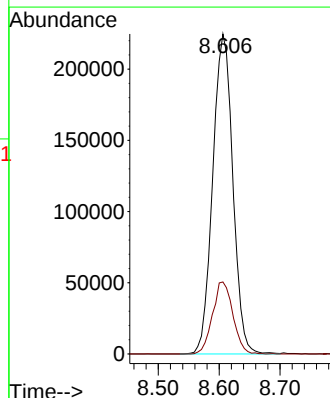
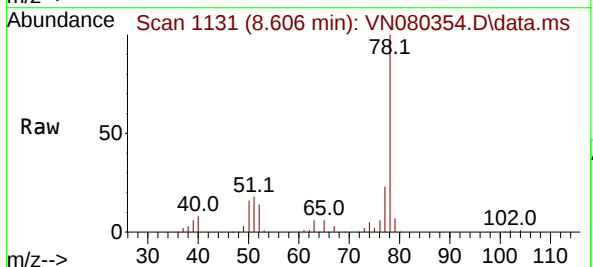
Acq: 05 Dec 2023 10:05

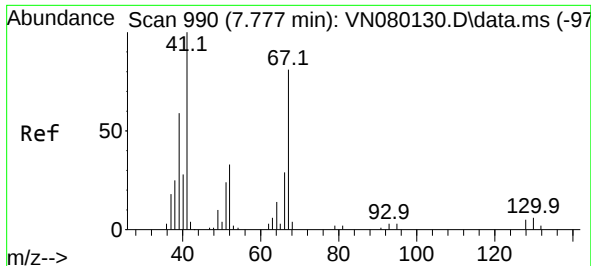
Tgt Ion: 78 Resp: 514992

Ion Ratio Lower Upper

78 100

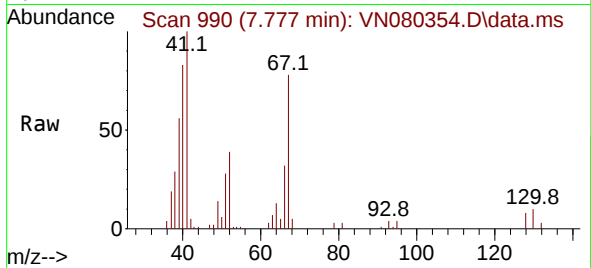
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 48.643 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

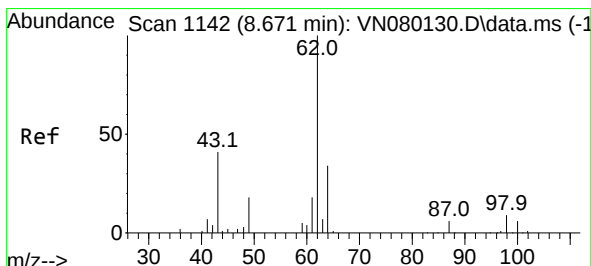
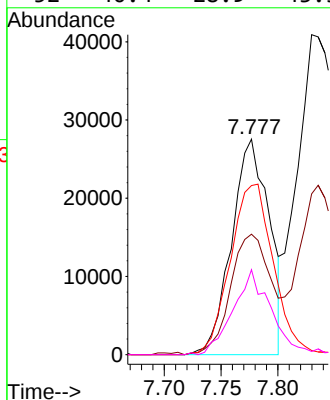
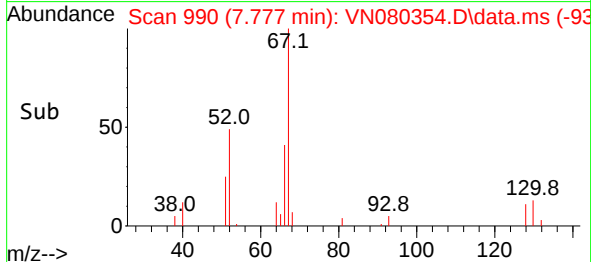
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63500
Ion Ratio Lower Upper
41 100
39 58.9 42.6 64.0
67 91.5 77.5 116.3
52 40.4 28.9 43.3

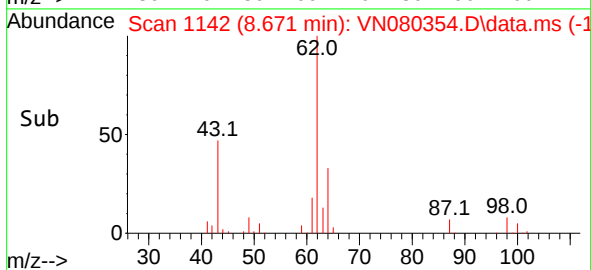
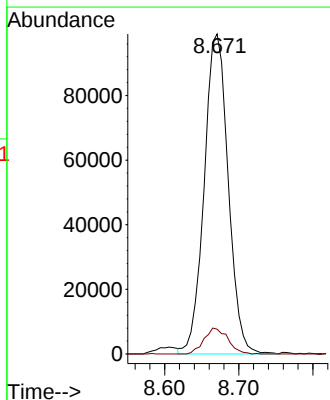
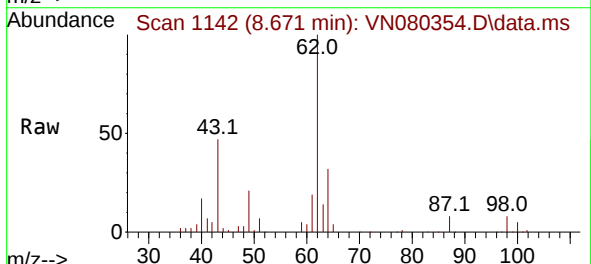
Manual Integrations
APPROVED

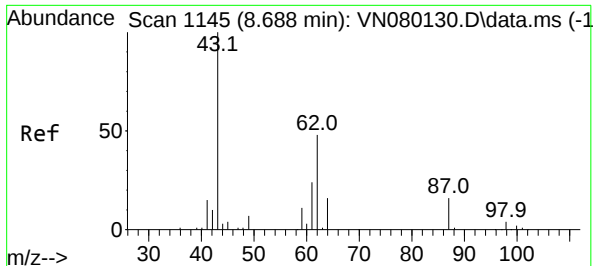
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#42
1,2-Dichloroethane
Concen: 56.057 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

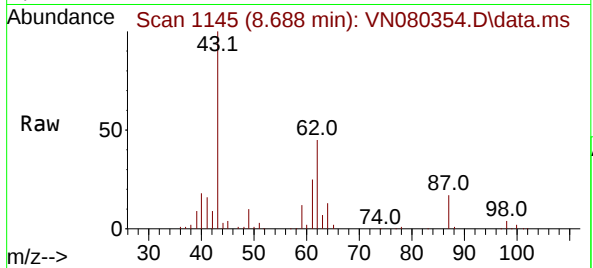
Tgt Ion: 62 Resp: 223388
Ion Ratio Lower Upper
62 100
98 8.0 0.0 19.8





#43
Isopropyl Acetate
Concen: 44.838 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

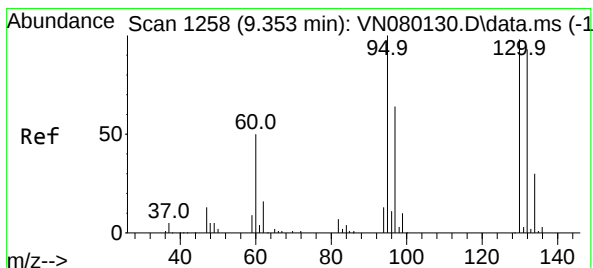
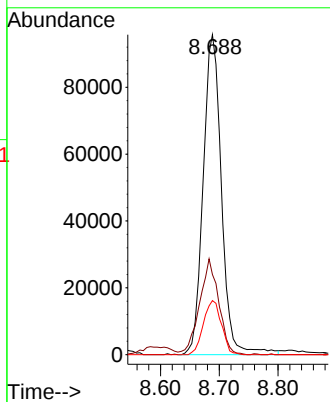
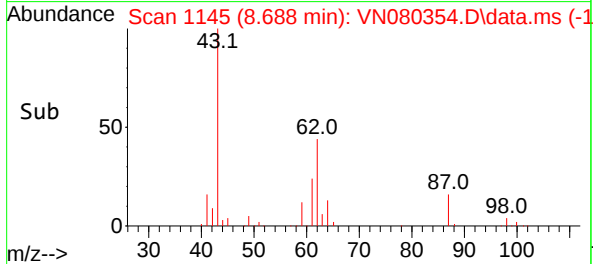
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



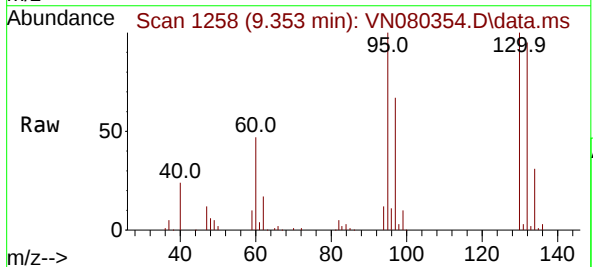
Tgt Ion: 43 Resp: 207419
Ion Ratio Lower Upper
43 100
61 31.3 24.7 37.1
87 16.6 14.6 21.8

Manual Integrations
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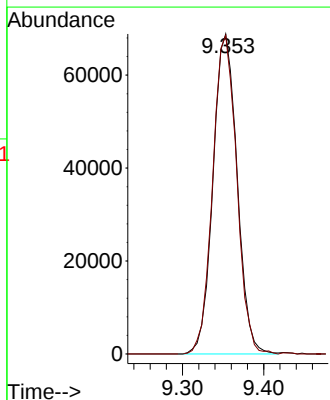
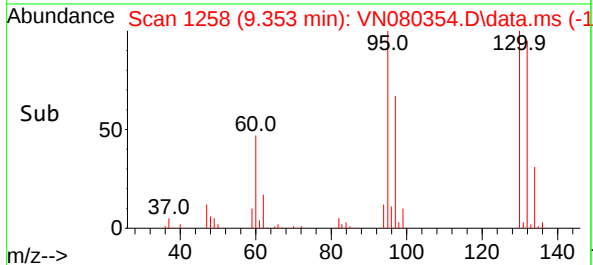
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

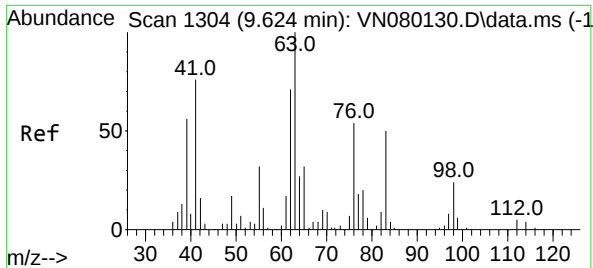


#44
Trichloroethene
Concen: 55.522 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion:130 Resp: 141861
Ion Ratio Lower Upper
130 100
95 99.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 52.256 ug/l

RT: 9.624 min Scan# 11828

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11828

Ion Ratio Lower Upper

63 100

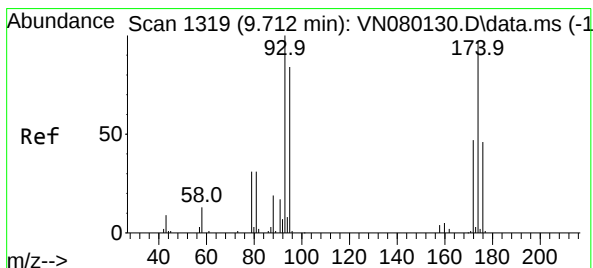
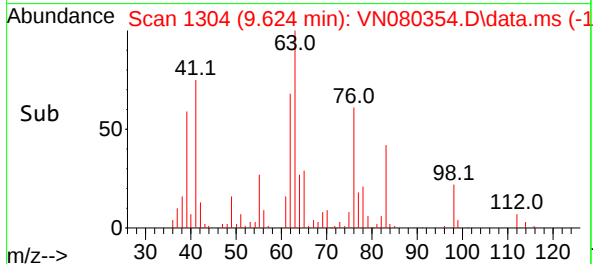
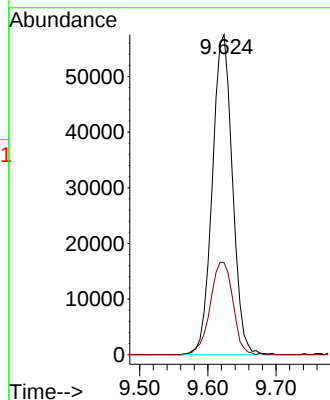
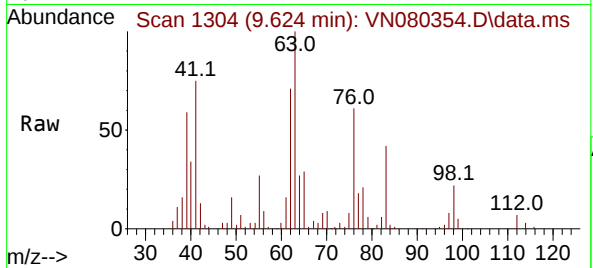
65 28.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#46

Dibromomethane

Concen: 54.010 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

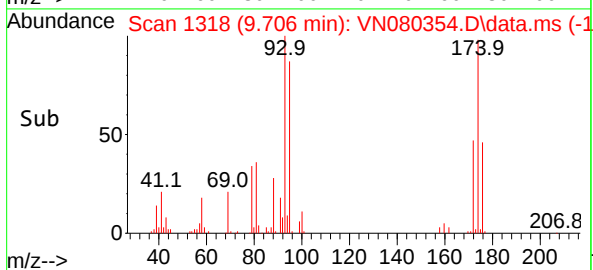
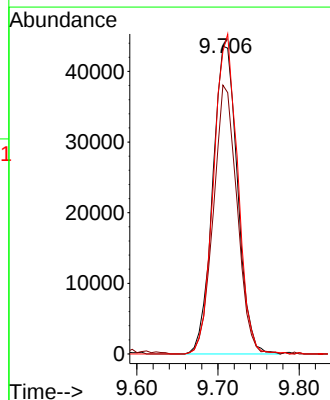
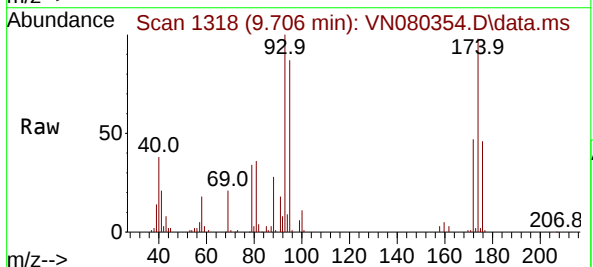
Tgt Ion: 93 Resp: 92544

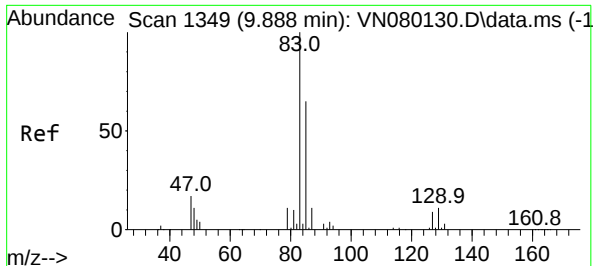
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

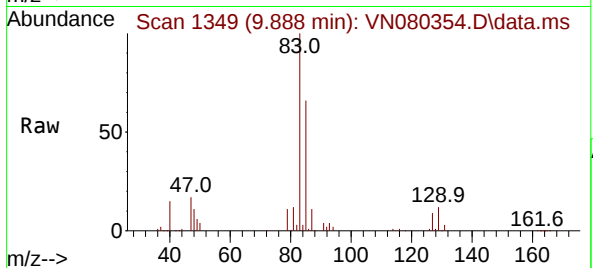
174 100.4 65.6 98.4#





#47
Bromodichloromethane
Concen: 56.834 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

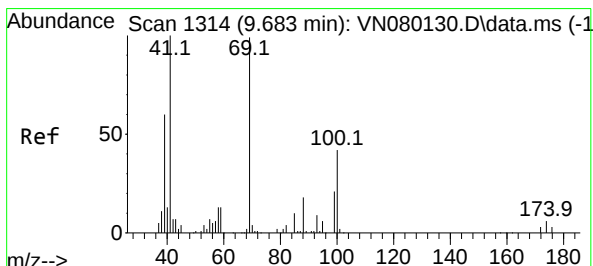
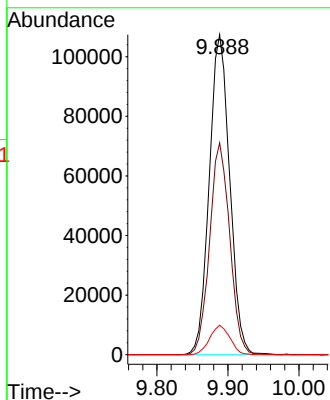
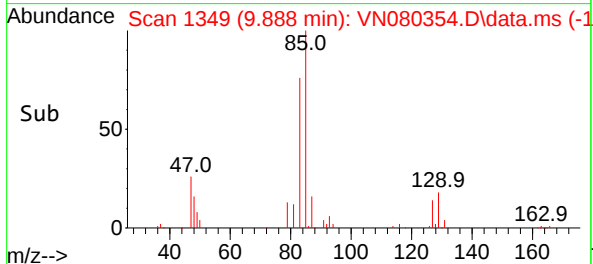
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



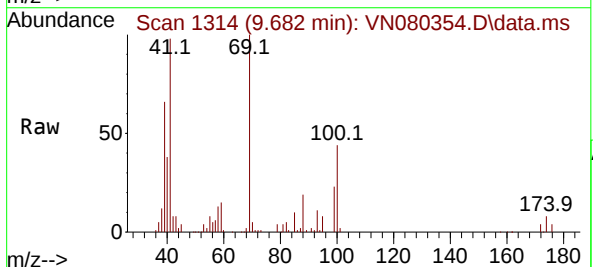
Tgt Ion: 83 Resp: 21421
Ion Ratio Lower Upper
83 100
85 66.2 49.6 74.4
127 9.2 7.0 10.6

Manual Integrations
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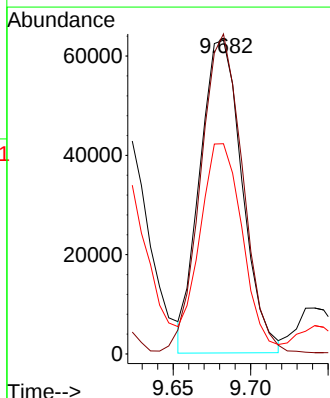
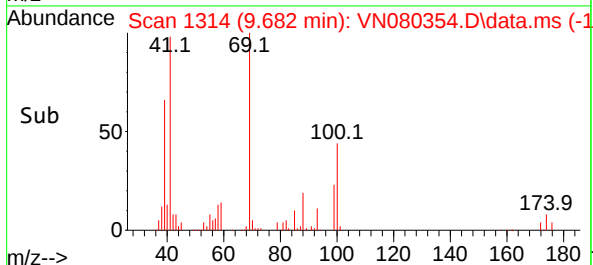
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

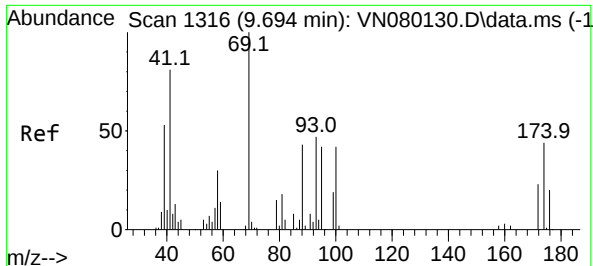


#48
Methyl methacrylate
Concen: 50.175 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 41 Resp: 119614
Ion Ratio Lower Upper
41 100
69 102.5 90.4 135.6
39 68.0 54.6 81.8





#49

1,4-Dioxane

Concen: 959.537 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

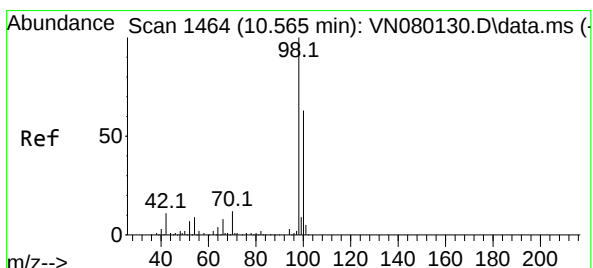
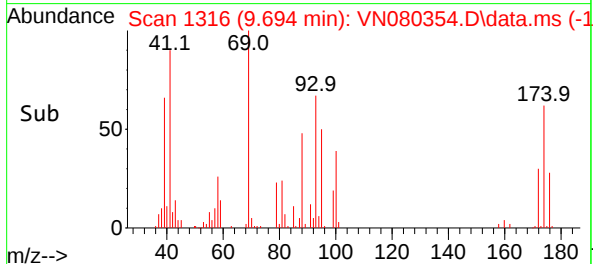
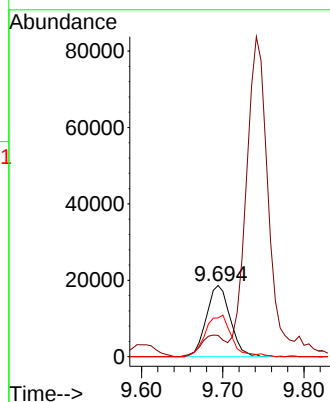
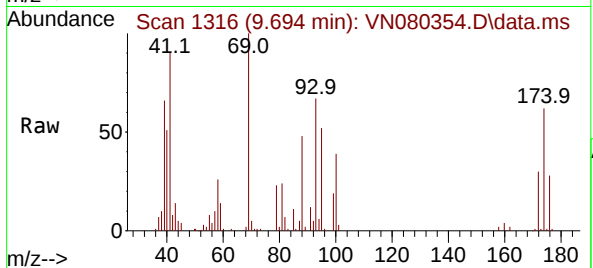
Tgt Ion: 88 Resp: 3805
 Ion Ratio Lower Upper
 88 100
 43 30.9 17.0 25.6
 58 63.6 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#50

Toluene-d8

Concen: 49.263 ug/l

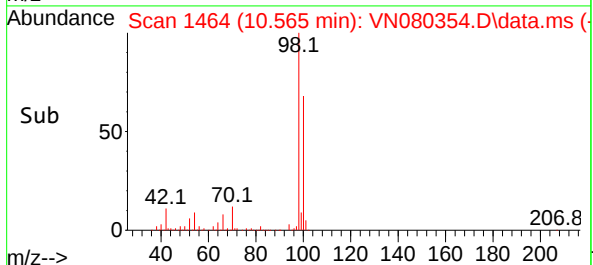
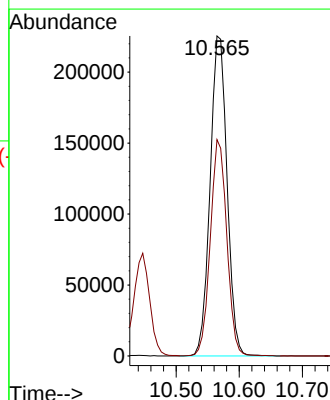
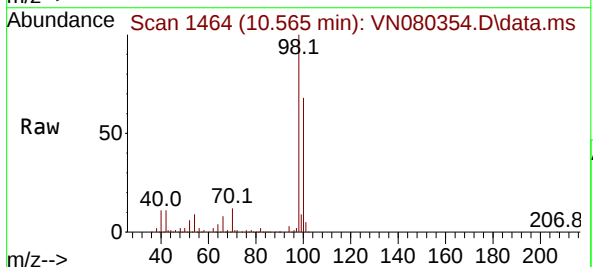
RT: 10.565 min Scan# 1464

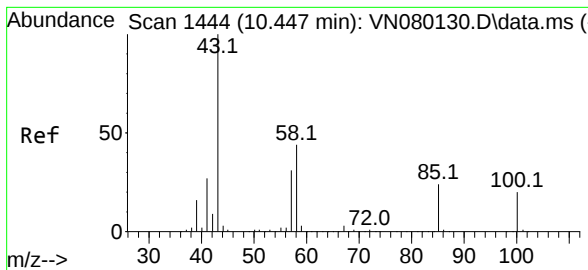
Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Tgt Ion: 98 Resp: 420365
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.0 78.0





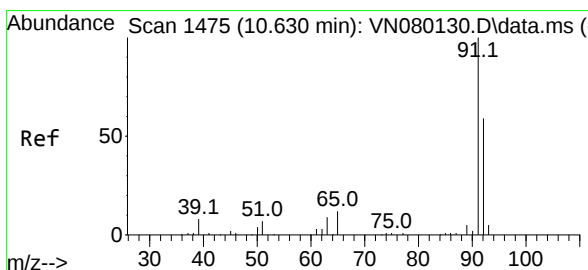
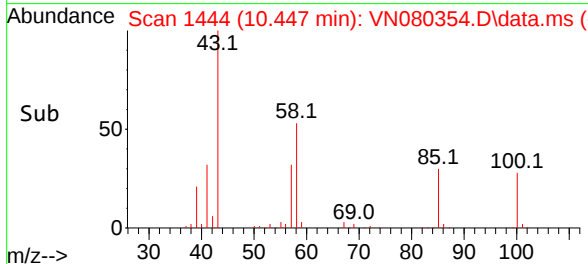
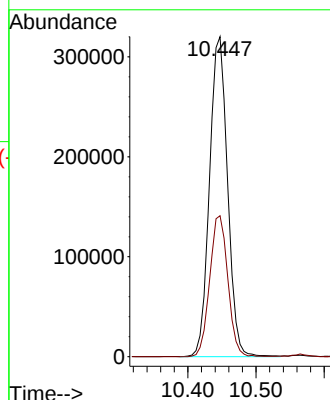
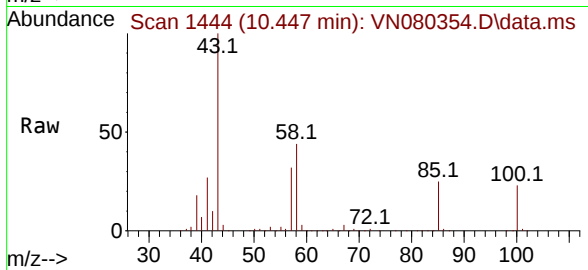
#51
4-Methyl-2-Pentanone
Concen: 246.081 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 589360
Ion Ratio Lower Upper
43 100
58 44.3 36.6 54.8

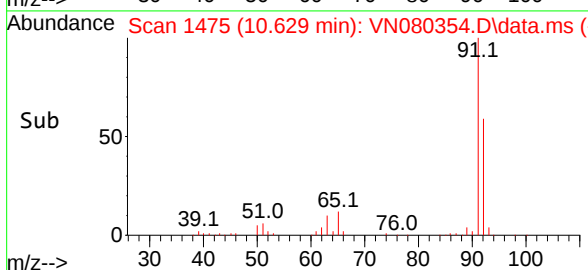
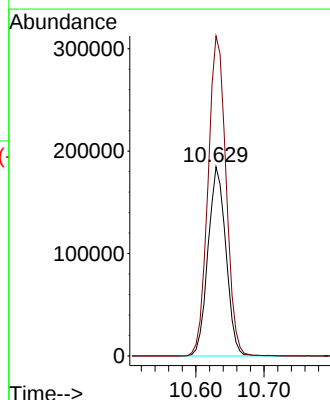
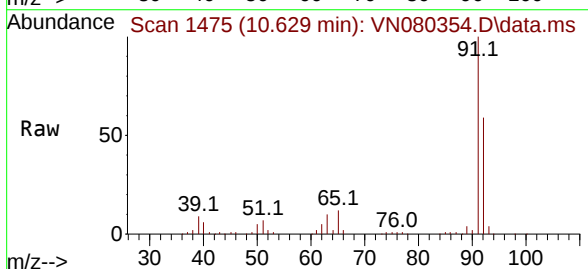
Manual Integrations
APPROVED

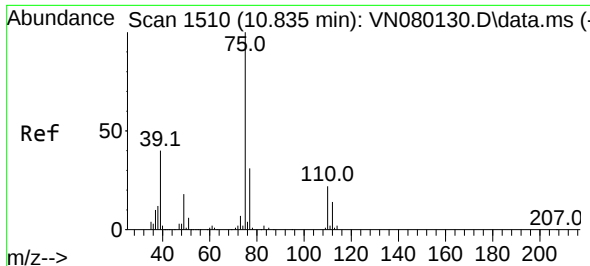
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#52
Toluene
Concen: 55.295 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

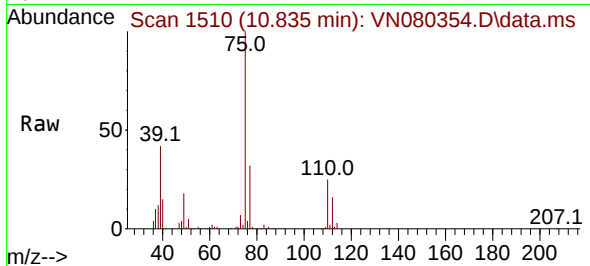
Tgt Ion: 92 Resp: 337067
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 55.651 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

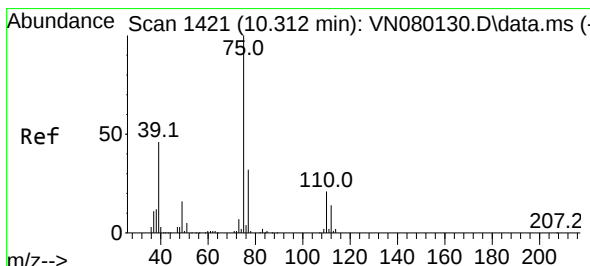
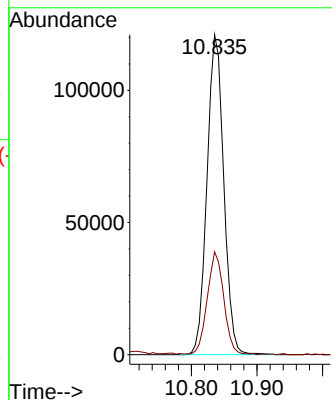
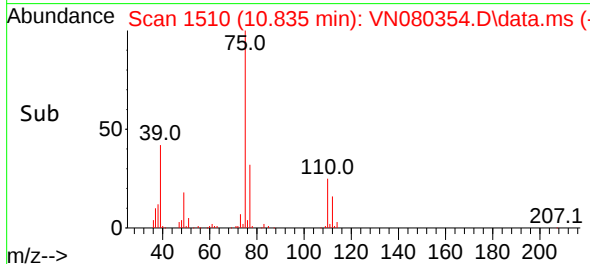
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 215508
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0

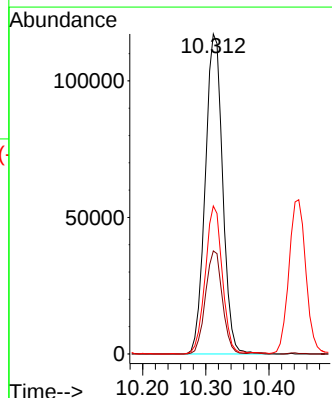
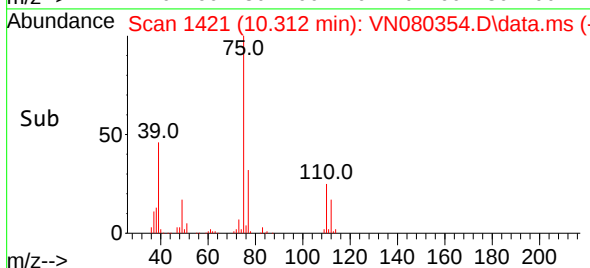
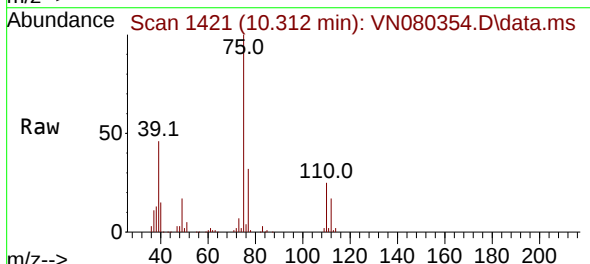
Manual Integrations
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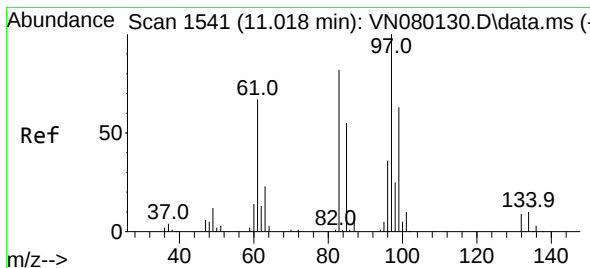
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#54
cis-1,3-Dichloropropene
Concen: 56.676 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

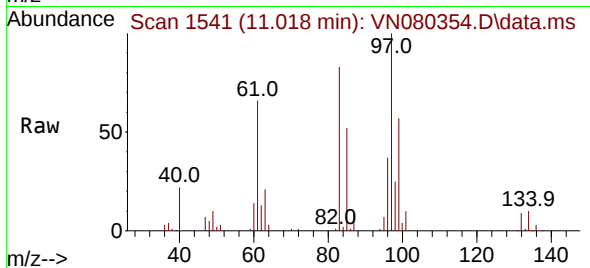
Tgt Ion: 75 Resp: 224229
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 46.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 54.846 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

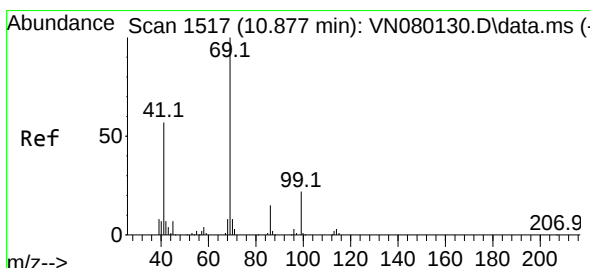
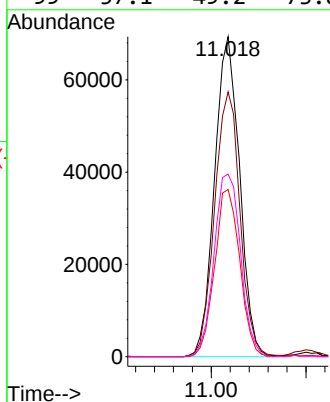
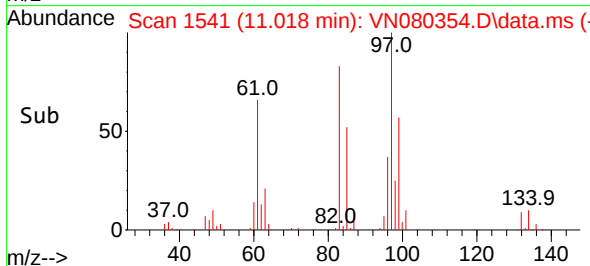


Tgt Ion: 97 Resp: 127602

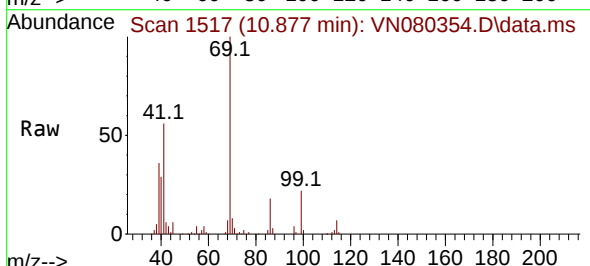
Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	52.2	43.4	65.2
99	57.1	49.2	73.8

Manual Integrations
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Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

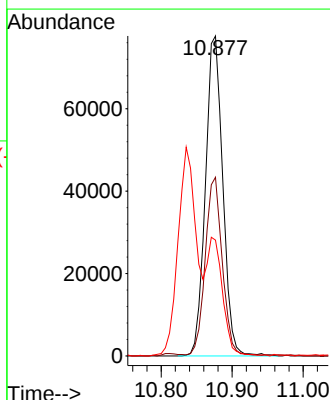
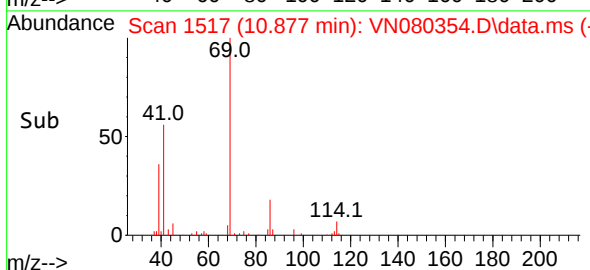


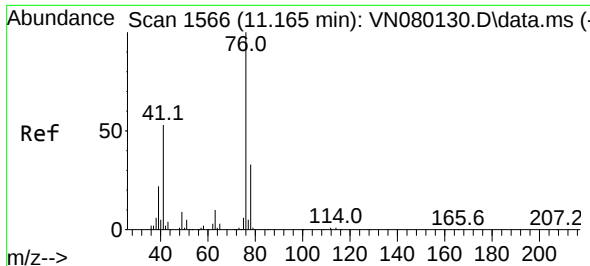
#56
Ethyl methacrylate
Concen: 55.583 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion: 69 Resp: 132108

Ion	Ratio	Lower	Upper
69	100		
41	54.3	39.6	59.4
39	33.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.255 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 22038

Ion Ratio Lower Upper

76 100

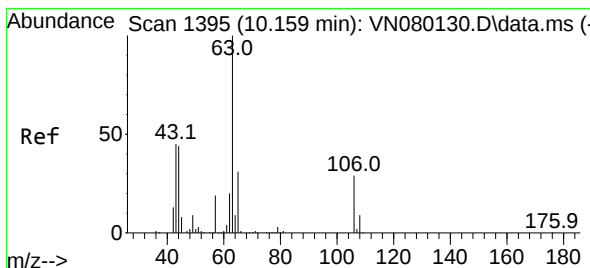
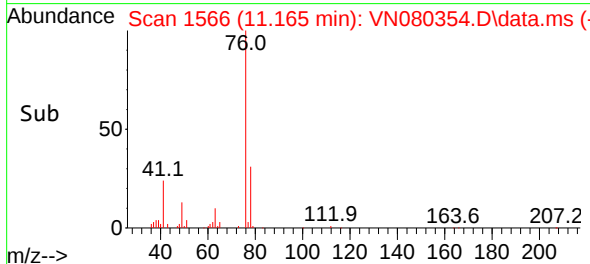
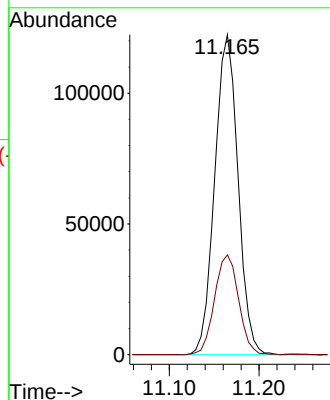
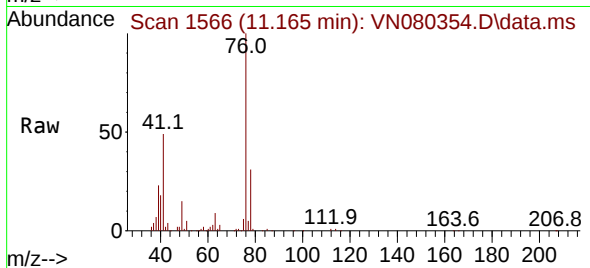
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.100 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080354.D

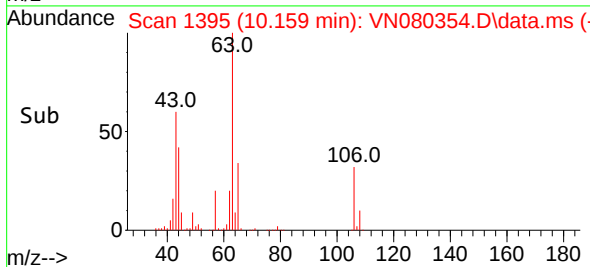
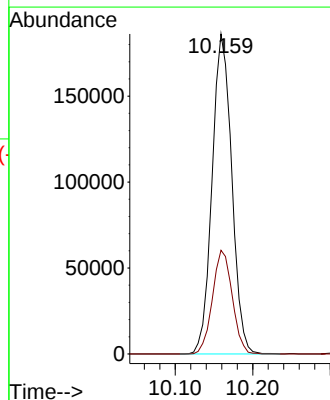
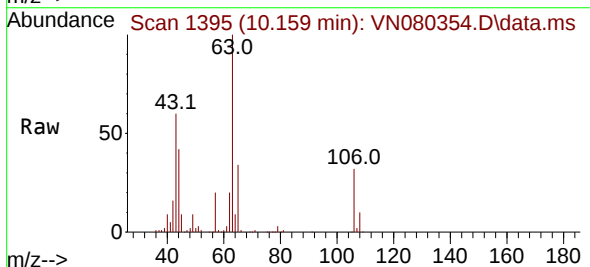
Acq: 05 Dec 2023 10:05

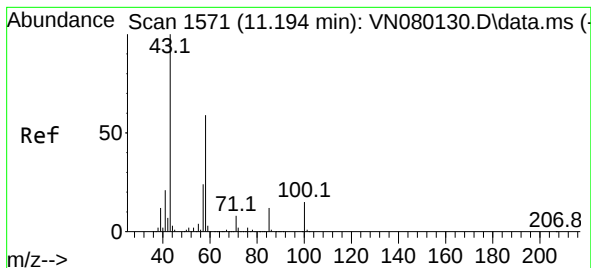
Tgt Ion: 63 Resp: 328192

Ion Ratio Lower Upper

63 100

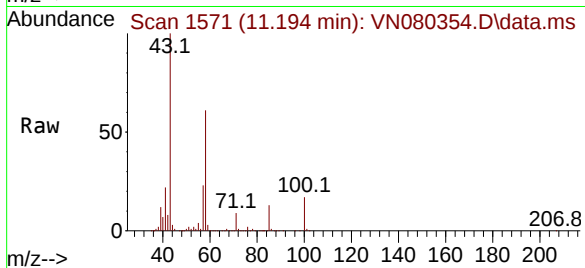
106 32.5 26.2 39.4





#59
2-Hexanone
Concen: 242.777 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

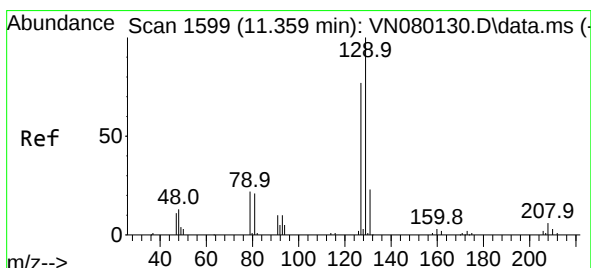
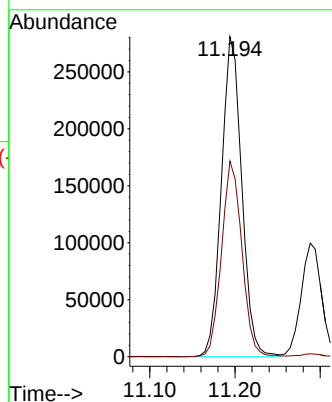
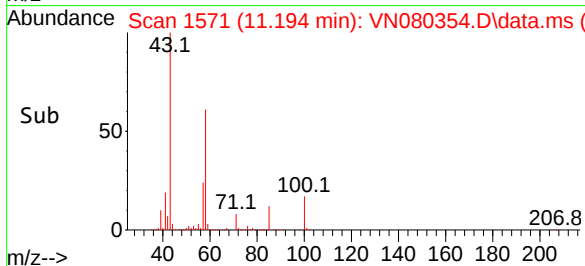
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 467225
Ion Ratio Lower Upper
43 100
58 61.0 31.7 95.1

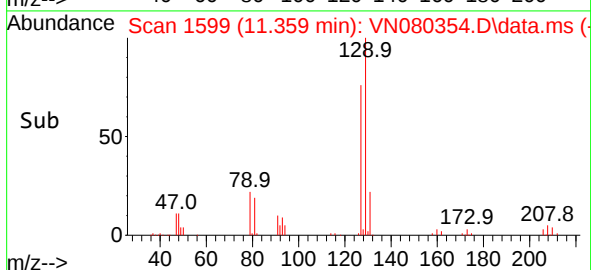
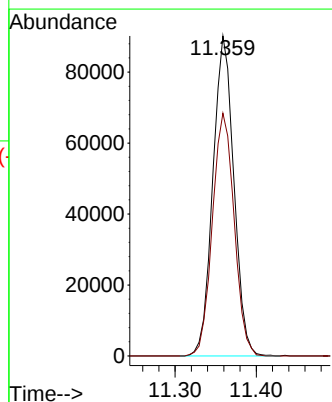
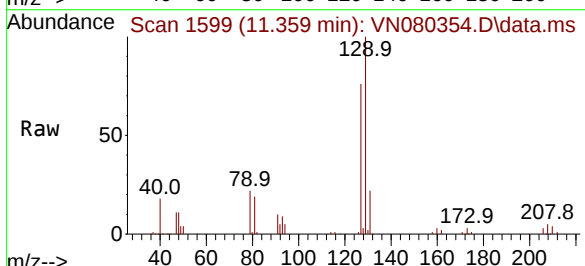
Manual Integrations
APPROVED

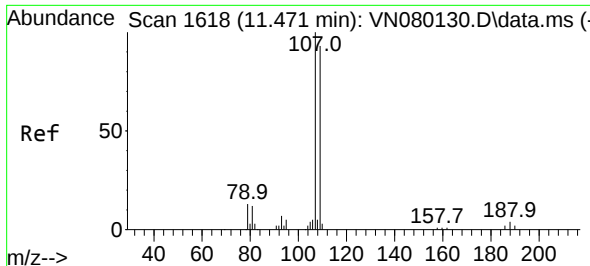
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#60
Dibromochloromethane
Concen: 58.114 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:129 Resp: 161870
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





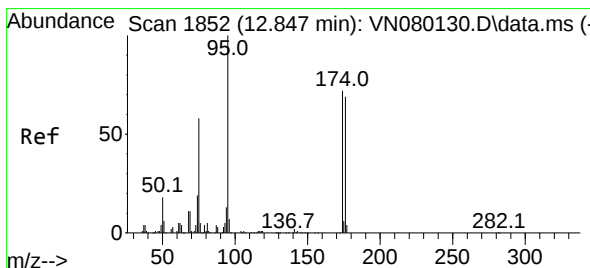
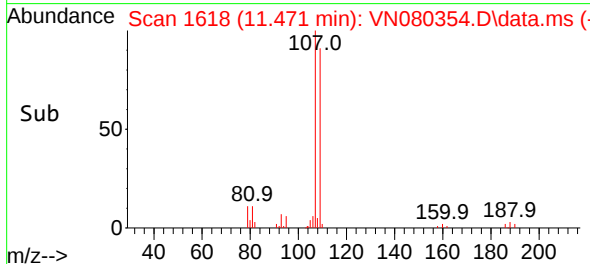
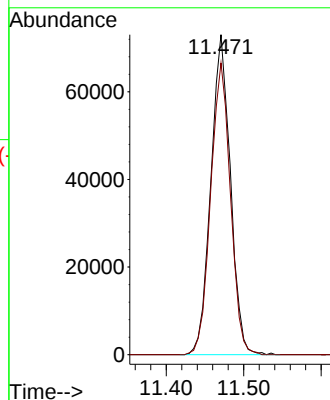
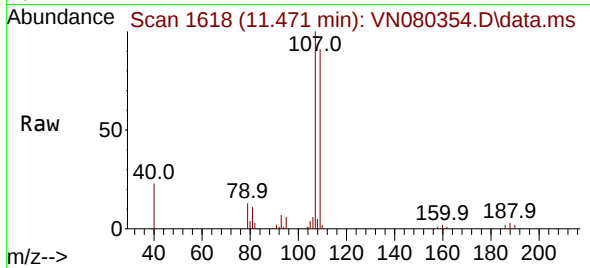
#61
1,2-Dibromoethane
Concen: 53.838 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 127784
Ion Ratio Lower Upper
107 100
109 92.1 76.6 114.8

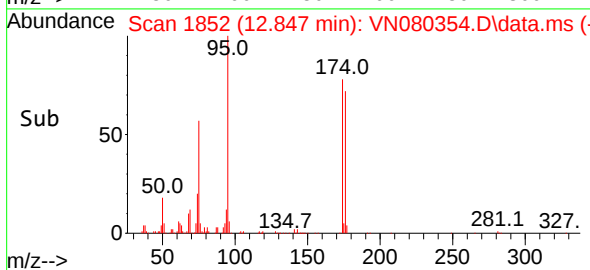
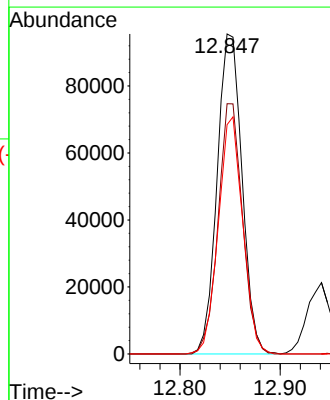
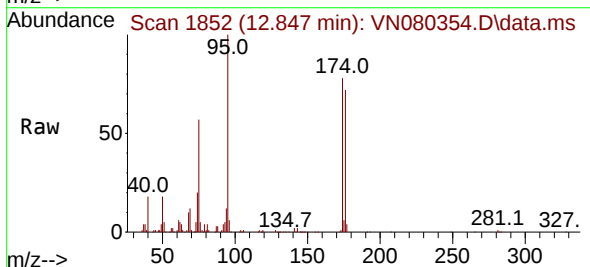
Manual Integrations
APPROVED

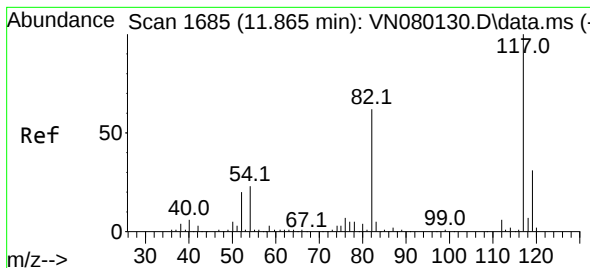
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 95 Resp: 164824
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 29169

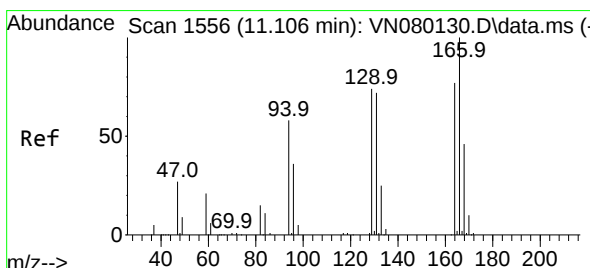
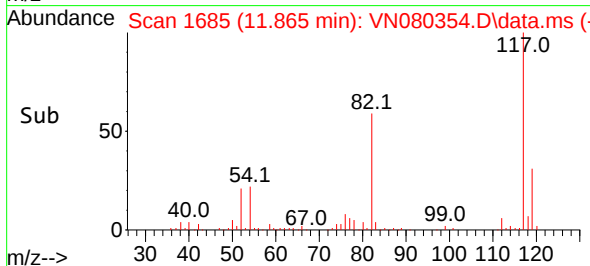
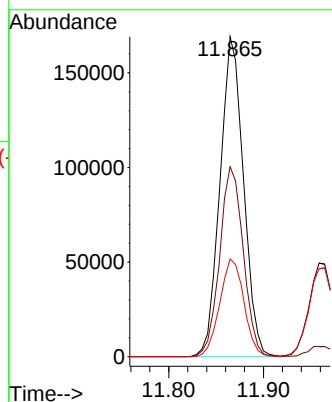
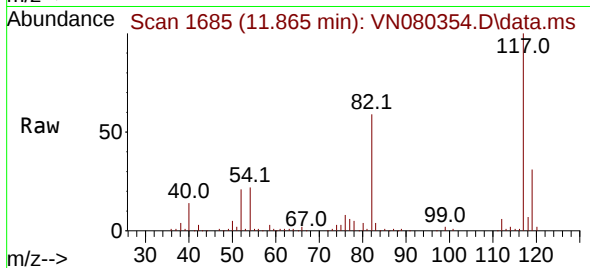
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.0	66.0
119	30.6	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2023

Supervised By :Mahesh Dadoda 12/06/2023



#64

Tetrachloroethene

Concen: 58.100 ug/l

RT: 11.106 min Scan# 1556

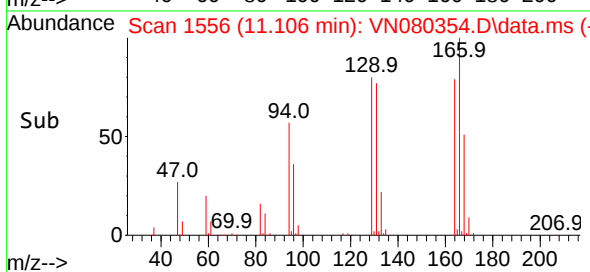
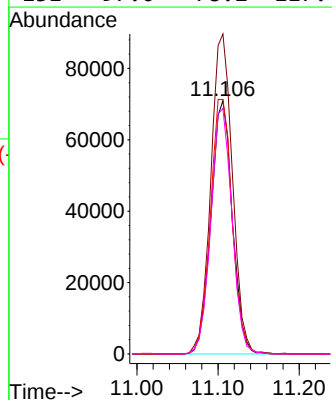
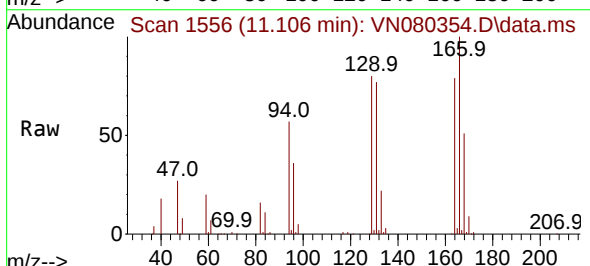
Delta R.T. -0.000 min

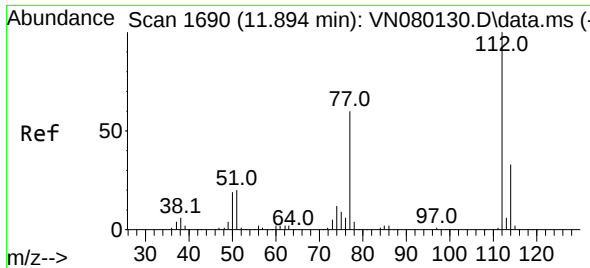
Lab File: VN080354.D

Acq: 05 Dec 2023 10:05

Tgt Ion:164 Resp: 129336

Ion	Ratio	Lower	Upper
164	100		
166	126.4	101.4	152.0
129	100.5	82.4	123.6
131	97.0	78.2	117.4





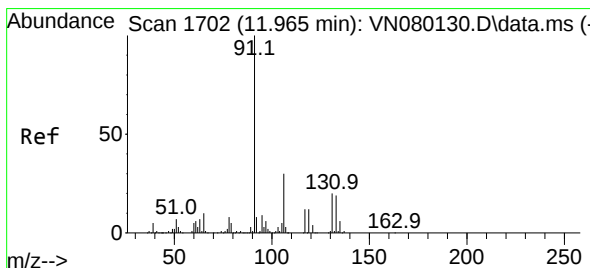
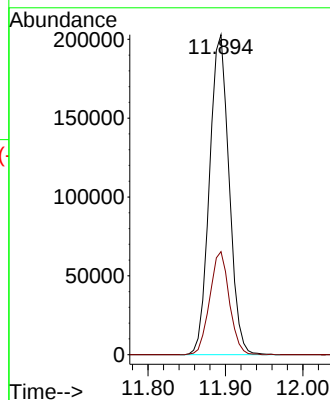
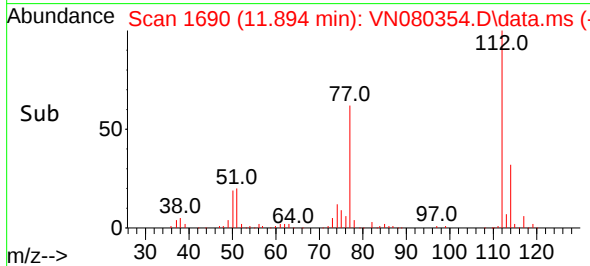
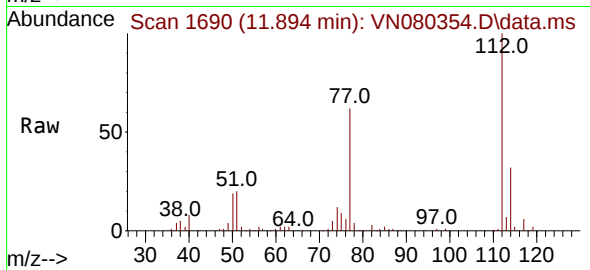
#65
Chlorobenzene
Concen: 53.992 ug/l
RT: 11.894 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 35686
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

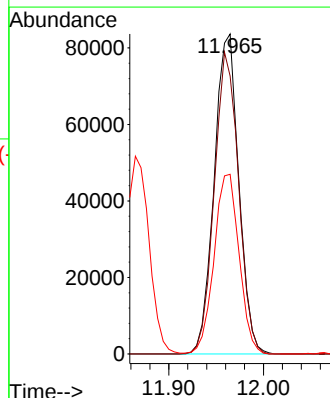
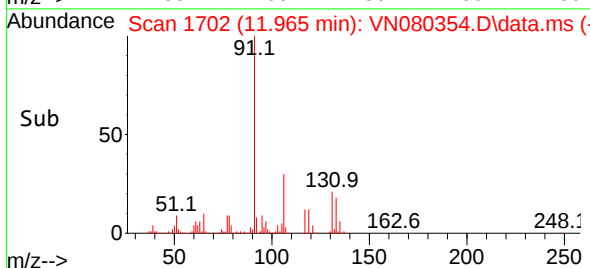
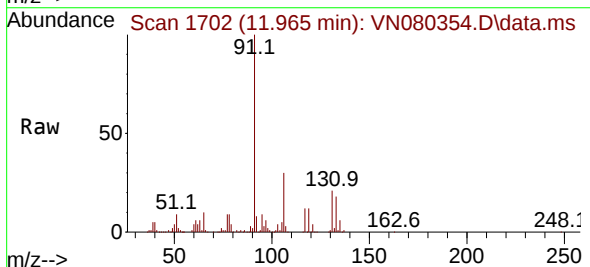
Manual Integrations
APPROVED

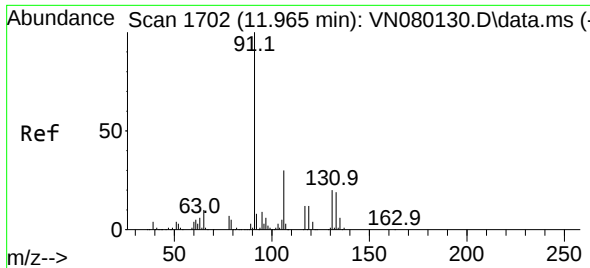
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 58.762 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:131 Resp: 150720
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 57.3 34.1 102.2





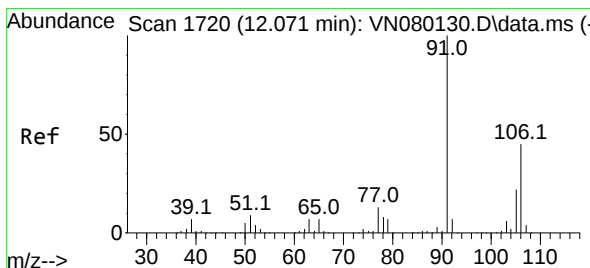
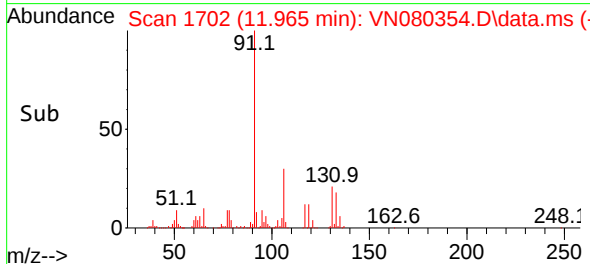
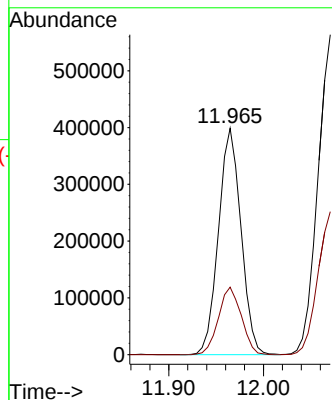
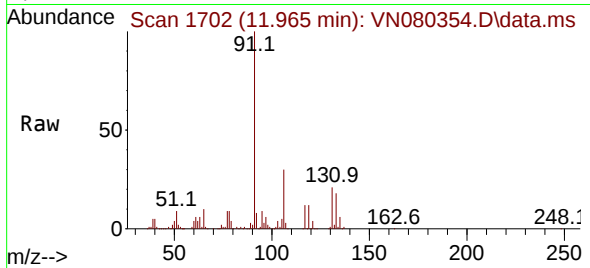
#67
Ethyl Benzene
Concen: 56.084 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 65962
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

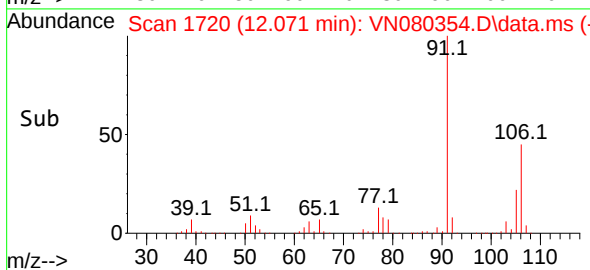
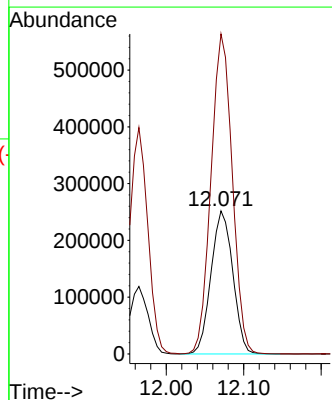
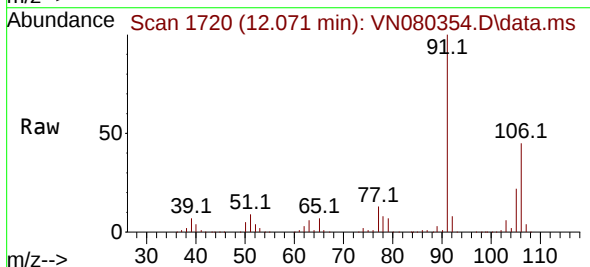
Manual Integrations
APPROVED

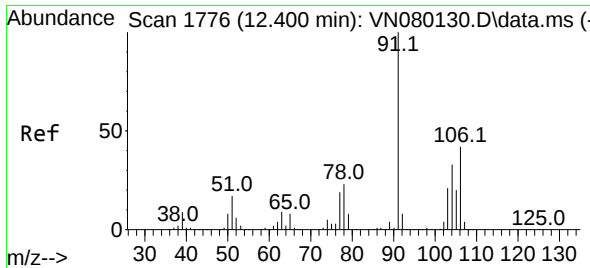
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#68
m/p-Xylenes
Concen: 114.603 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:106 Resp: 491448
Ion Ratio Lower Upper
106 100
91 219.2 159.6 239.4





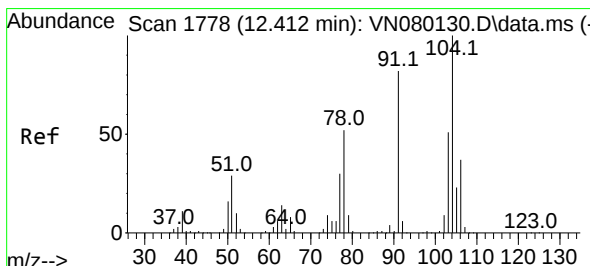
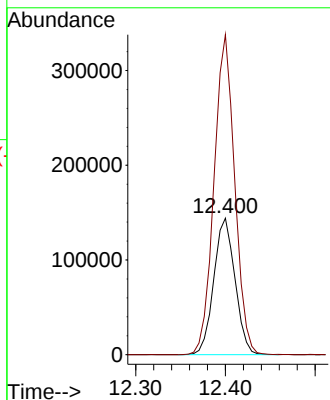
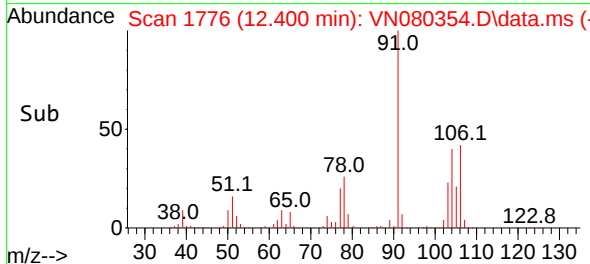
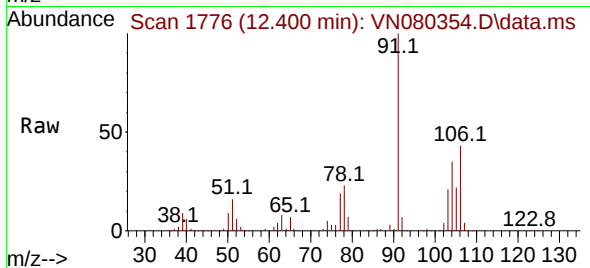
#69
o-Xylene
Concen: 58.525 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 236519
Ion Ratio Lower Upper
106 100
91 229.0 105.2 315.5

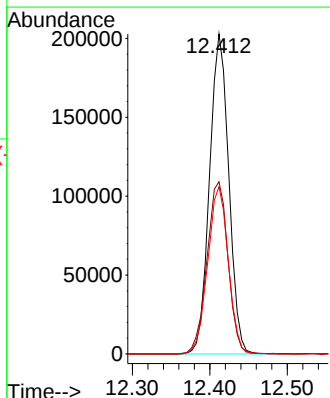
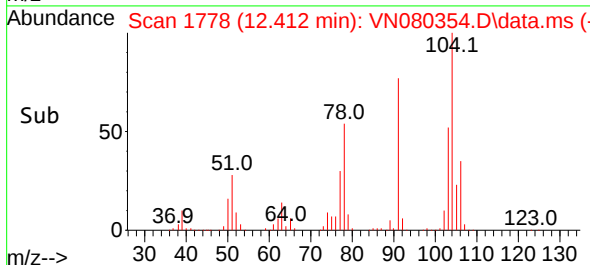
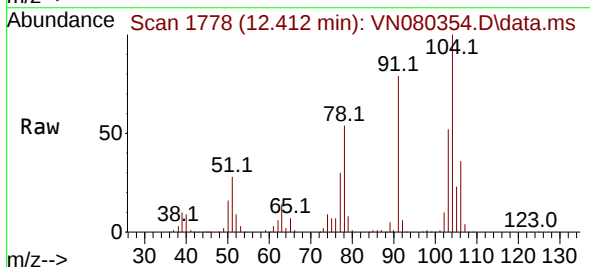
Manual Integrations
APPROVED

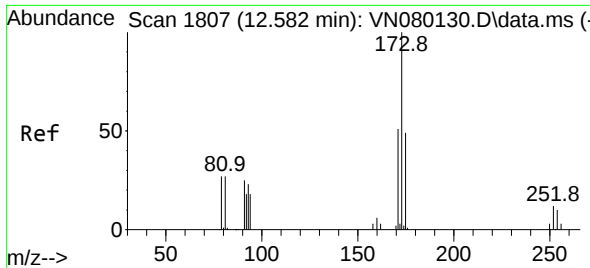
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#70
Styrene
Concen: 58.104 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

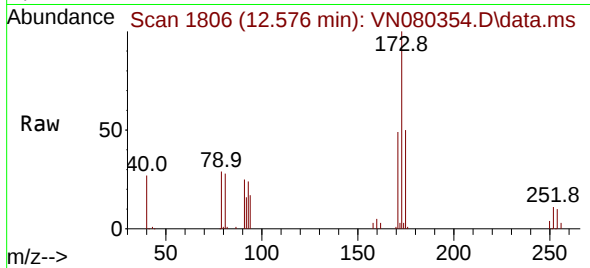
Tgt Ion:104 Resp: 349502
Ion Ratio Lower Upper
104 100
78 59.1 39.5 59.3
103 55.9 43.2 64.8





#71
Bromoform
Concen: 57.557 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

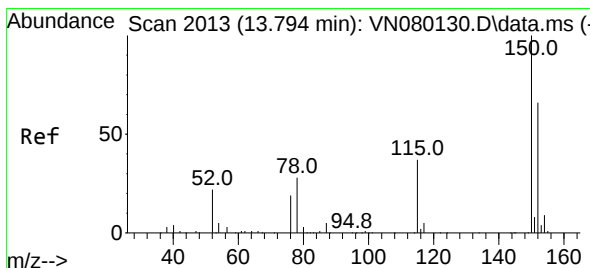
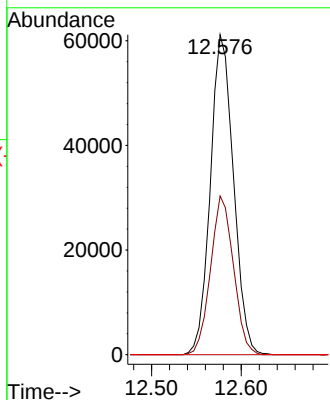
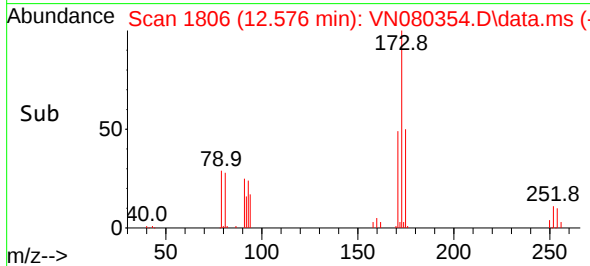
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



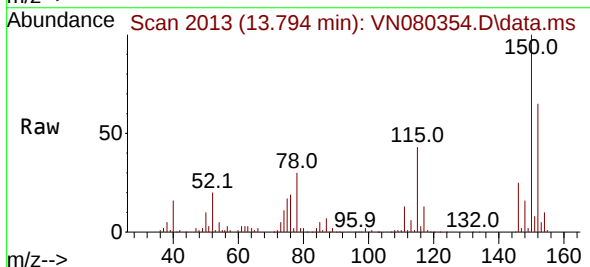
Tgt Ion:173 Resp: 109480
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

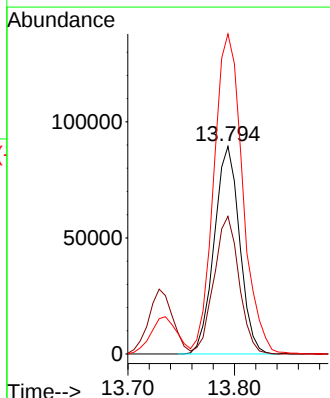
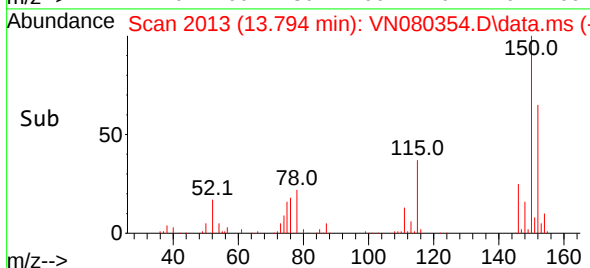
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

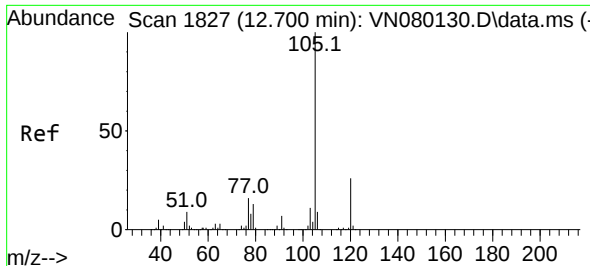


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



Tgt Ion:152 Resp: 147864
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 175.1 0.0 355.8





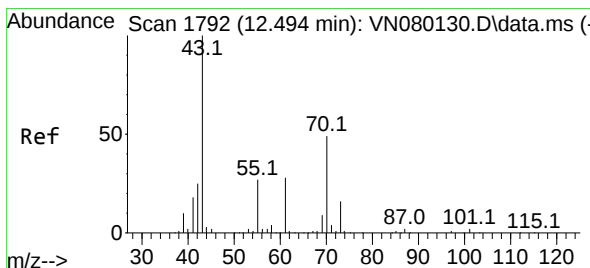
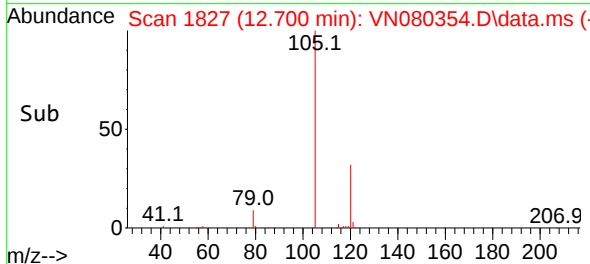
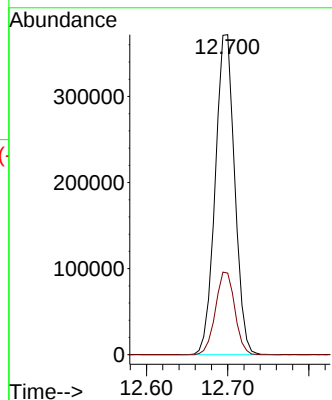
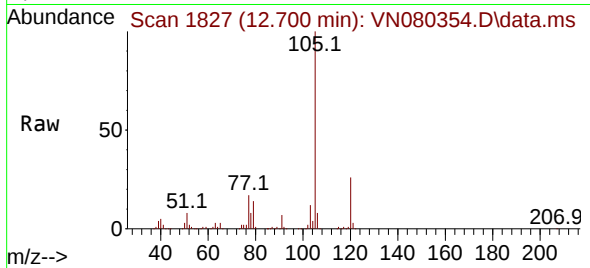
#73
Isopropylbenzene
Concen: 53.926 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 61961
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

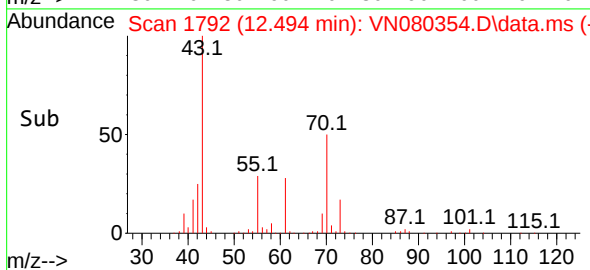
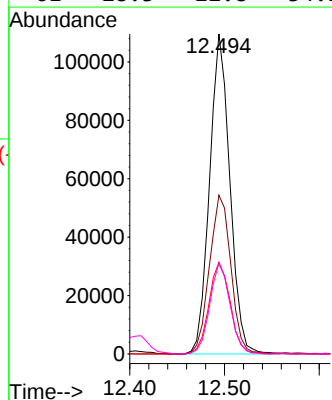
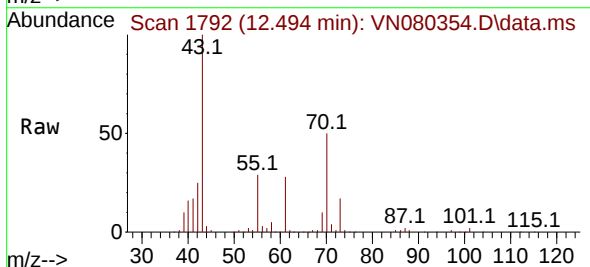
Manual Integrations
APPROVED

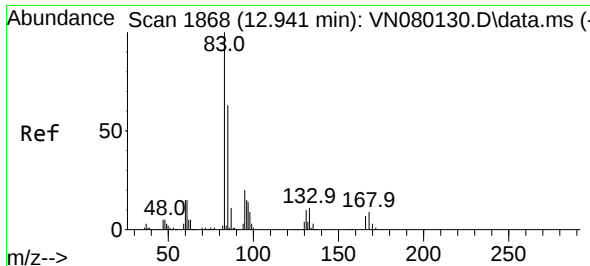
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#74
N-ethyl acetate
Concen: 45.541 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 43 Resp: 163181
Ion Ratio Lower Upper
43 100
70 52.4 43.4 65.2
55 30.0 21.4 32.0
61 28.3 22.8 34.2





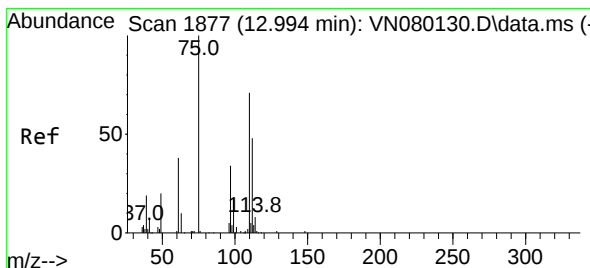
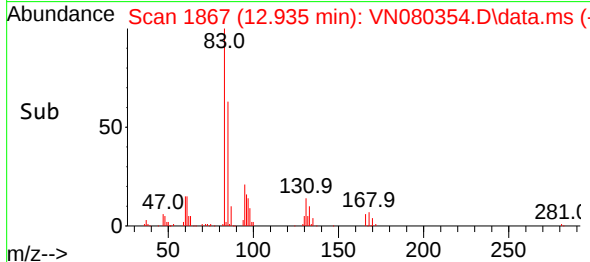
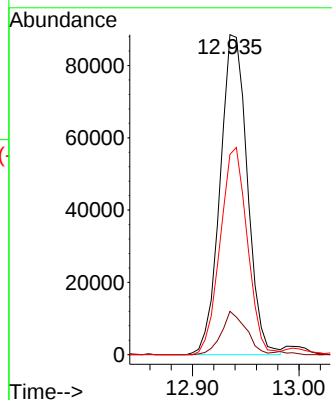
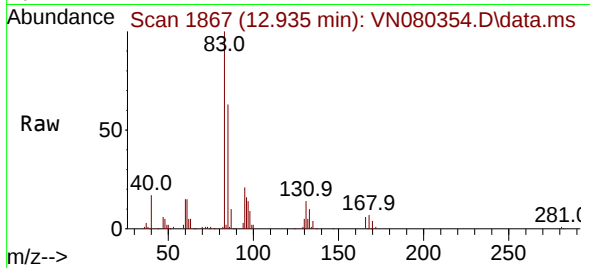
#75
1,1,2,2-Tetrachloroethane
Concen: 45.723 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 15724
Ion Ratio Lower Upper
83 100
131 12.5 5.0 15.0
85 64.5 31.9 95.7

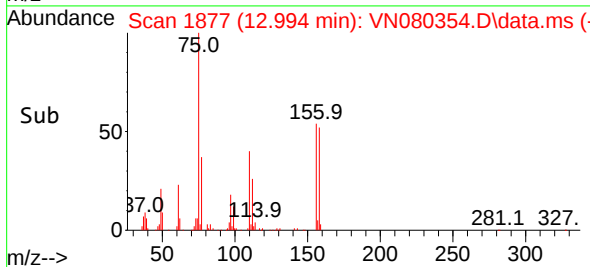
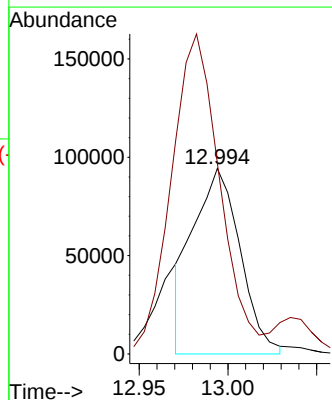
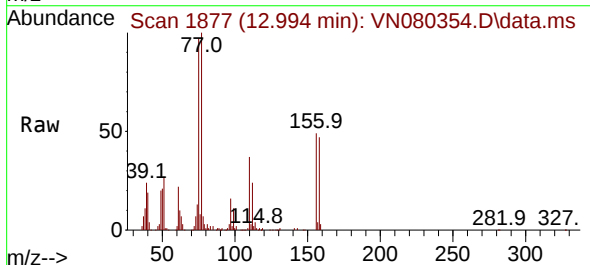
Manual Integrations
APPROVED

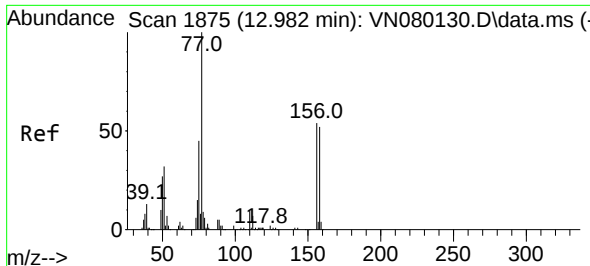
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#76
1,2,3-Trichloropropane
Concen: 48.101 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 75 Resp: 174266
Ion Ratio Lower Upper
75 100
77 177.9 84.5 253.5





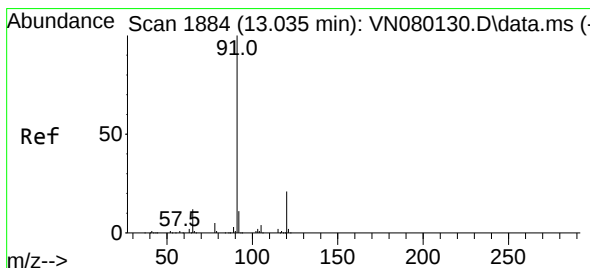
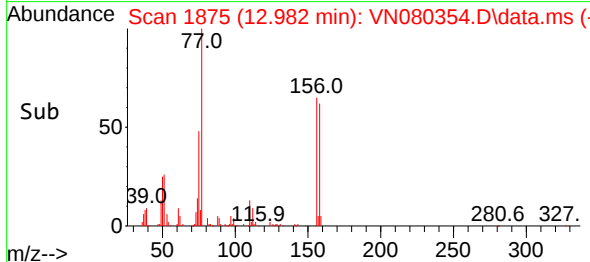
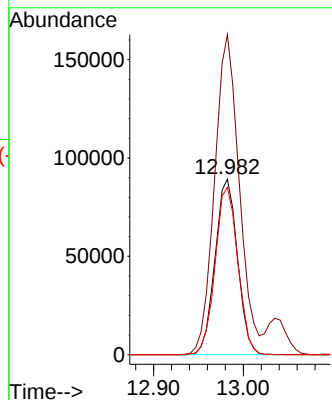
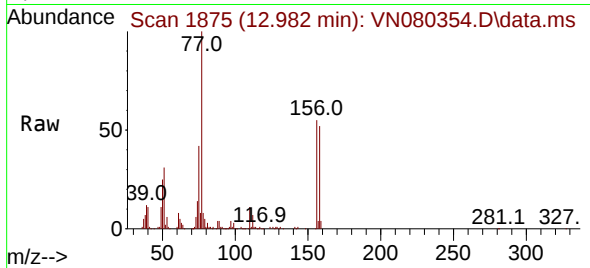
#77
Bromobenzene
Concen: 53.522 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 15504
Ion Ratio Lower Upper
156 100
77 199.9 107.7 323.3
158 96.5 48.4 145.3

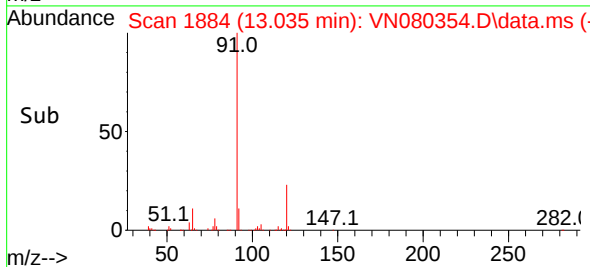
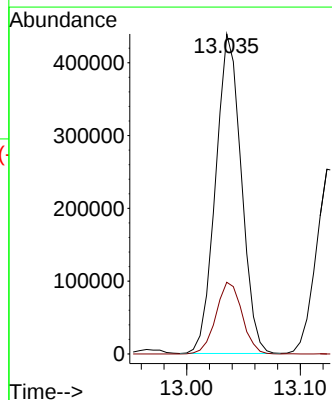
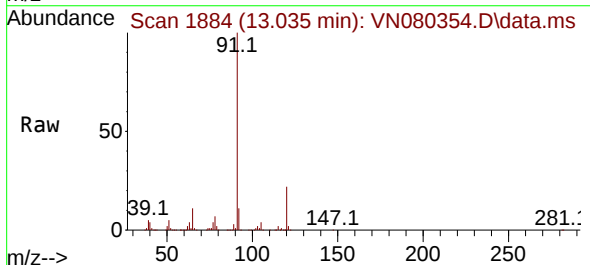
Manual Integrations
APPROVED

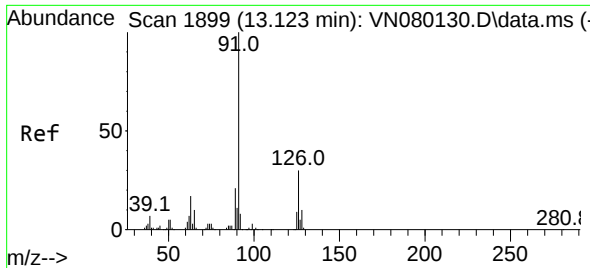
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#78
n-propylbenzene
Concen: 53.727 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 91 Resp: 690316
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





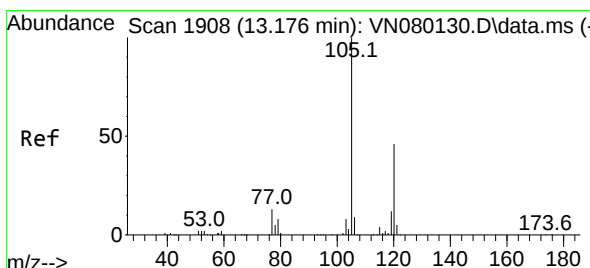
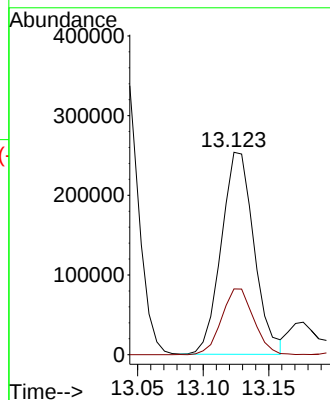
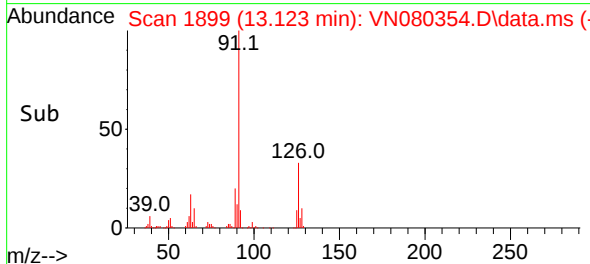
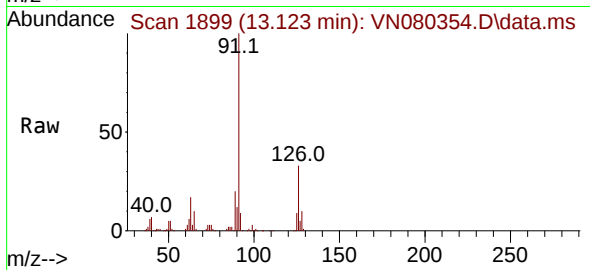
#79
2-Chlorotoluene
Concen: 52.943 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 441810
Ion Ratio Lower Upper
91 100
126 31.9 16.3 48.8

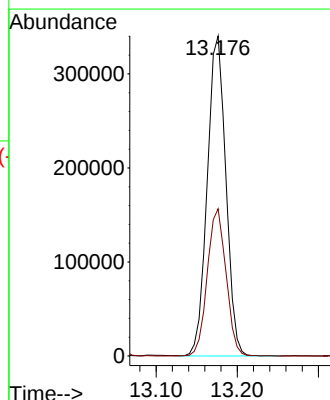
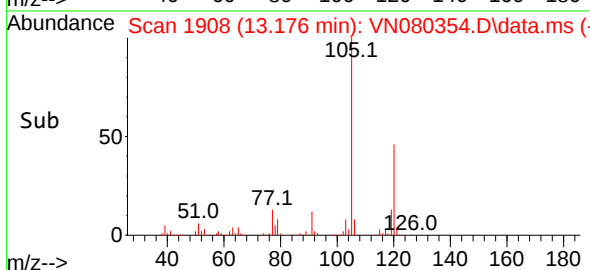
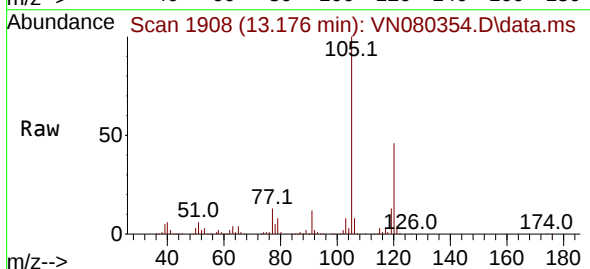
Manual Integrations
APPROVED

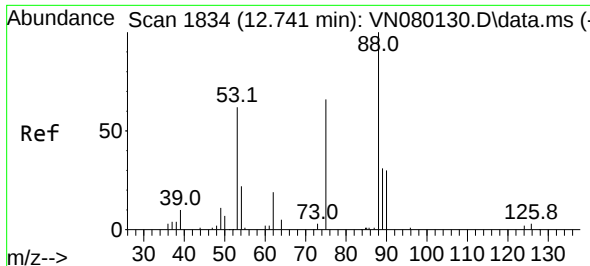
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.182 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:105 Resp: 541933
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





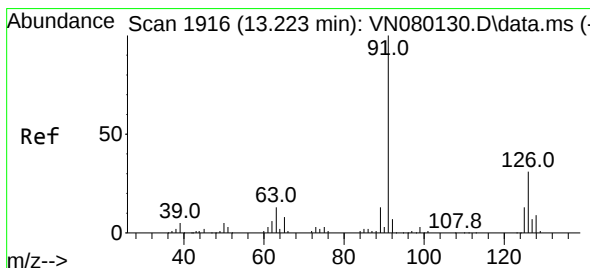
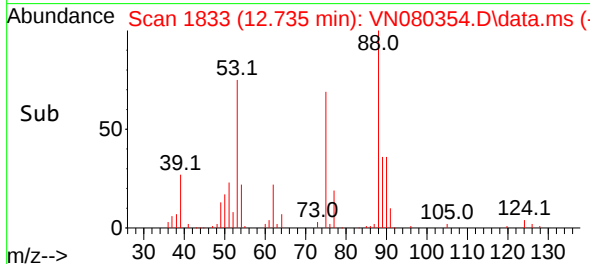
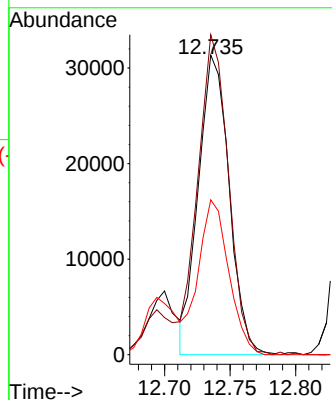
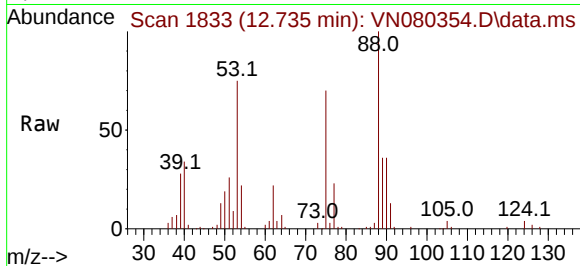
#81
trans-1,4-Dichloro-2-butene
Concen: 47.782 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5123
Ion Ratio Lower Upper
75 100
53 107.5 67.4 101.2
89 51.4 38.8 58.2

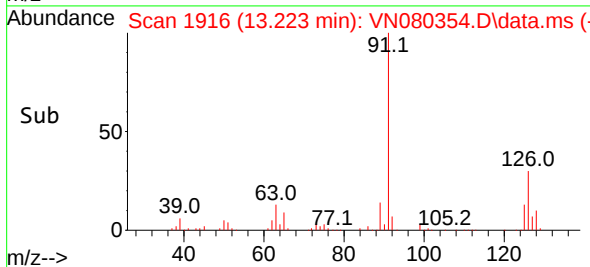
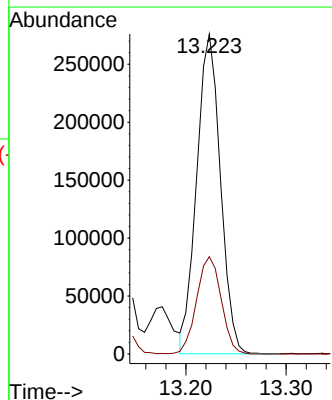
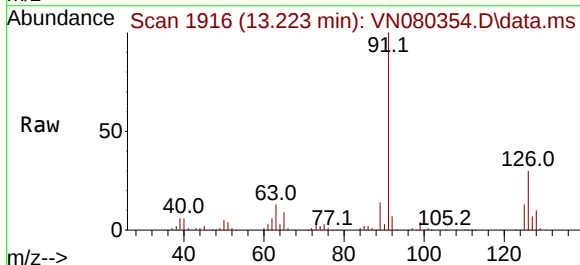
Manual Integrations
APPROVED

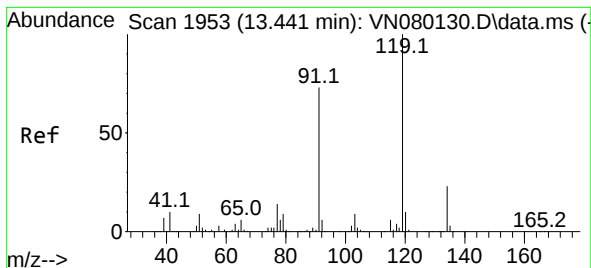
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#82
4-Chlorotoluene
Concen: 53.118 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion: 91 Resp: 454108
Ion Ratio Lower Upper
91 100
126 31.5 16.7 50.0





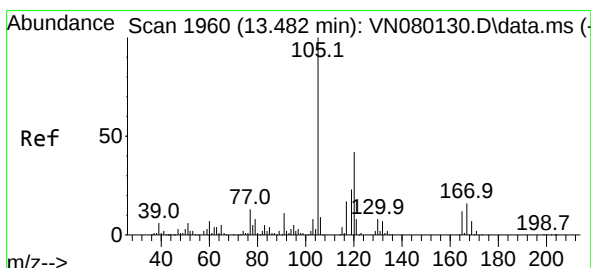
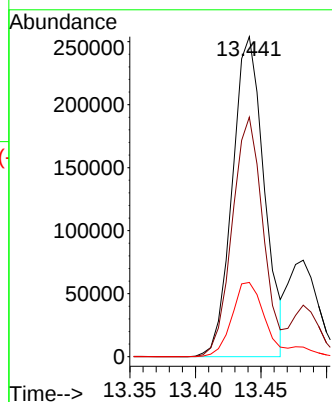
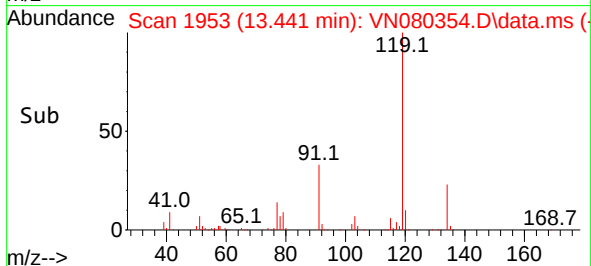
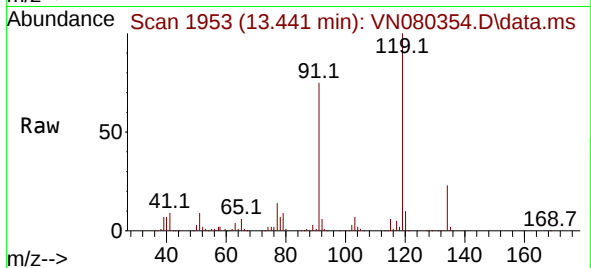
#83
tert-Butylbenzene
Concen: 53.424 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 42851
Ion Ratio Lower Upper
119 100
91 72.4 33.9 101.7
134 25.9 13.2 39.6

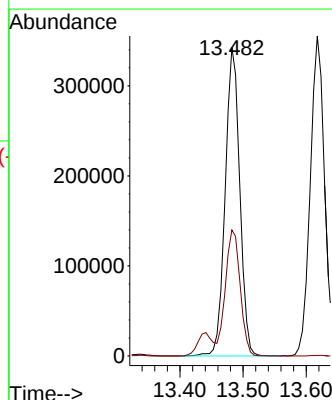
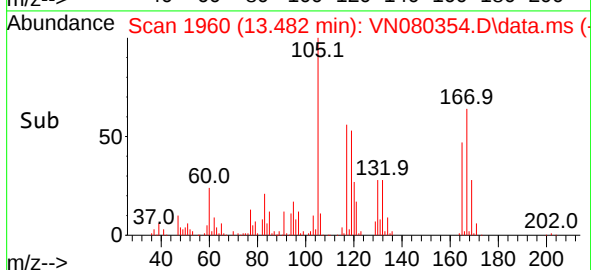
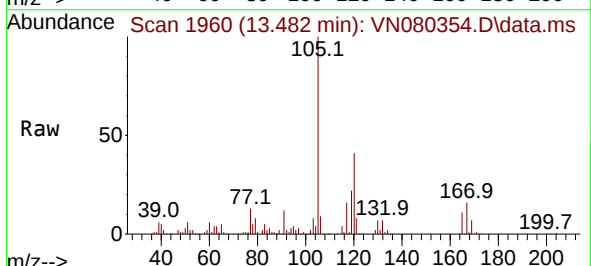
Manual Integrations
APPROVED

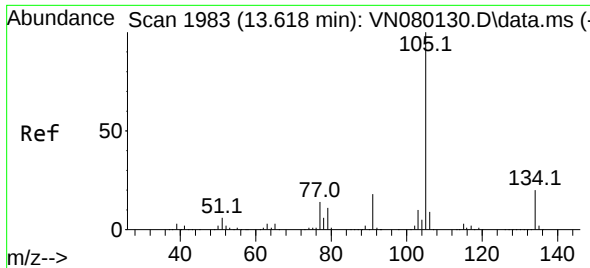
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.742 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:105 Resp: 548998
Ion Ratio Lower Upper
105 100
120 41.1 22.0 66.0





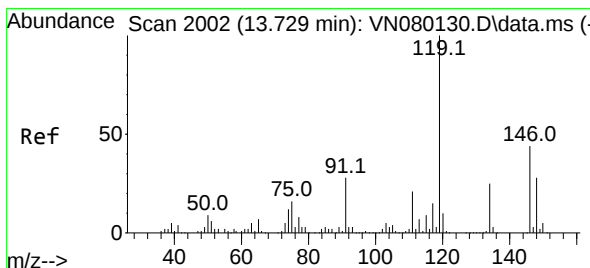
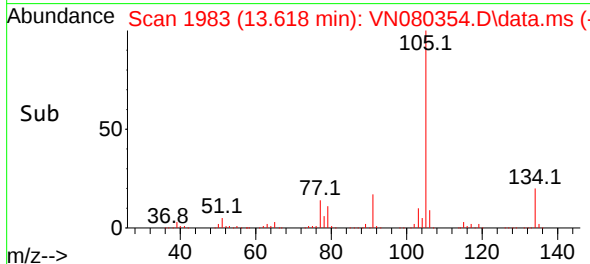
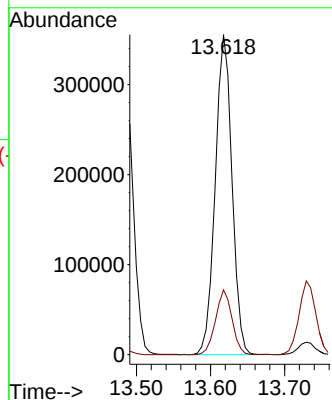
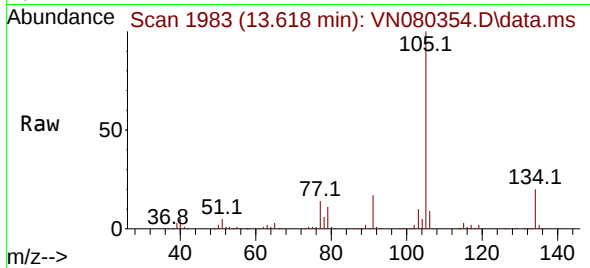
#85
 sec-Butylbenzene
 Concen: 54.897 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 55702
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

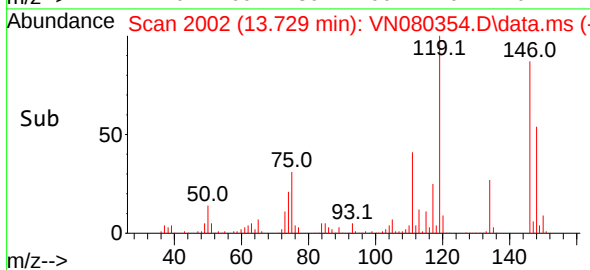
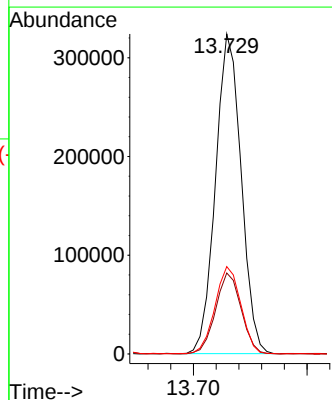
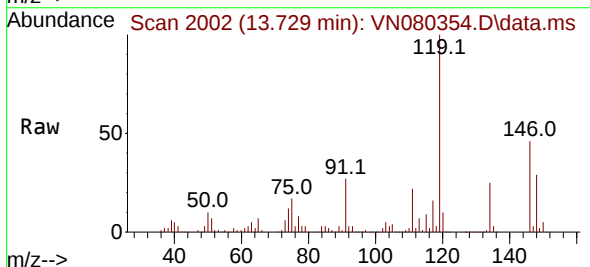
Manual Integrations
 APPROVED

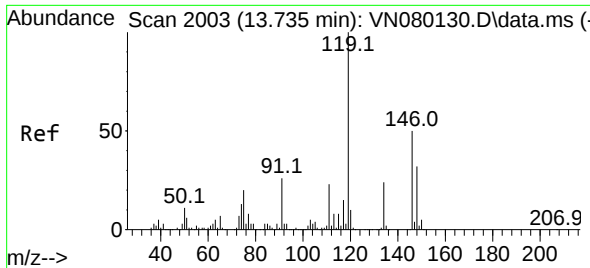
Reviewed By :John Carlone 12/06/2023
 Supervised By :Mahesh Dadoda 12/06/2023



#86
 p-Isopropyltoluene
 Concen: 55.938 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080354.D
 Acq: 05 Dec 2023 10:05

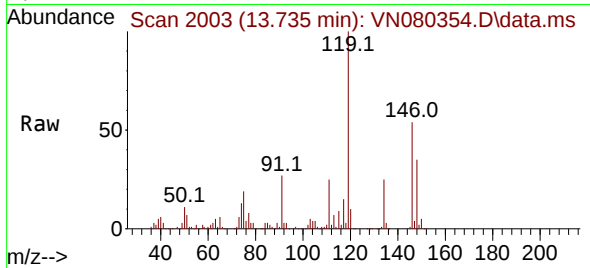
Tgt Ion:119 Resp: 507032
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 27.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.991 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

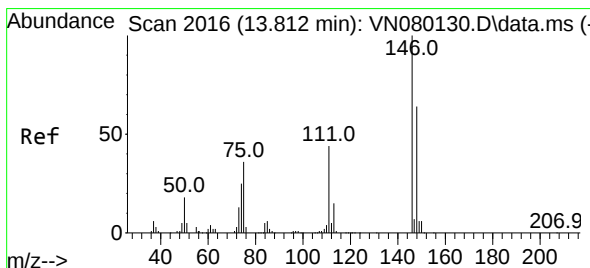
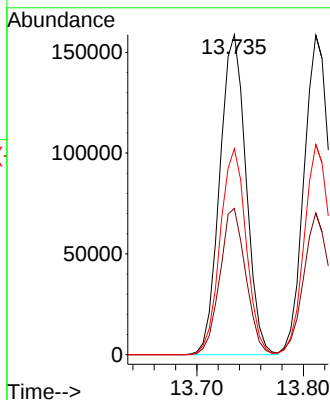
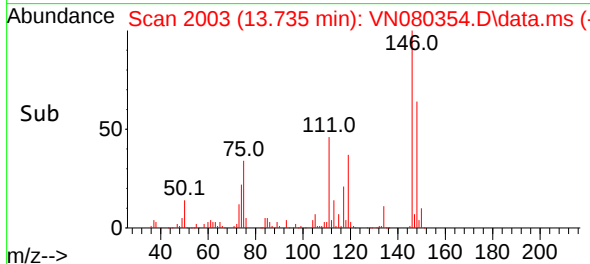
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



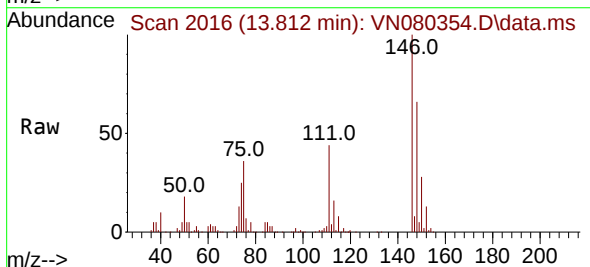
Tgt Ion:146 Resp: 27135
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.3
148 63.9 32.0 96.0

Manual Integrations
APPROVED

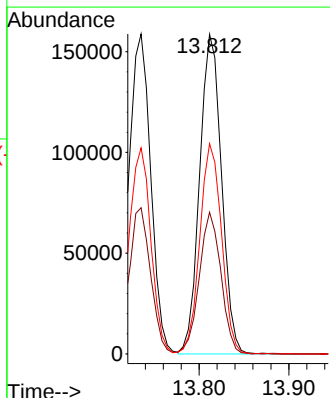
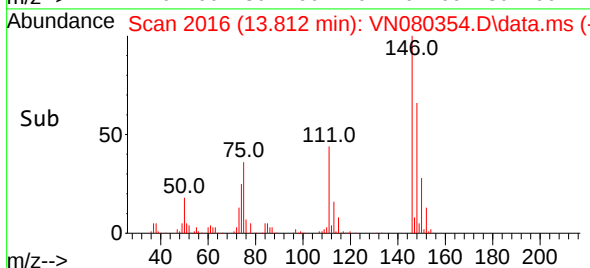
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

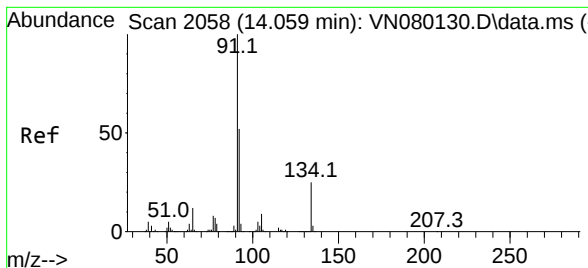


#88
1,4-Dichlorobenzene
Concen: 51.235 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



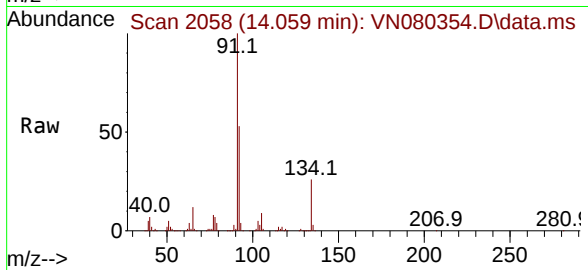
Tgt Ion:146 Resp: 268736
Ion Ratio Lower Upper
146 100
111 43.8 20.6 61.8
148 65.4 31.6 94.8





#89
n-Butylbenzene
Concen: 54.125 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

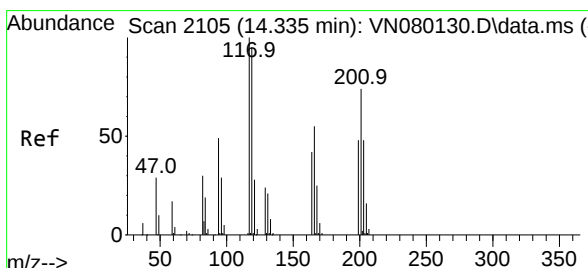
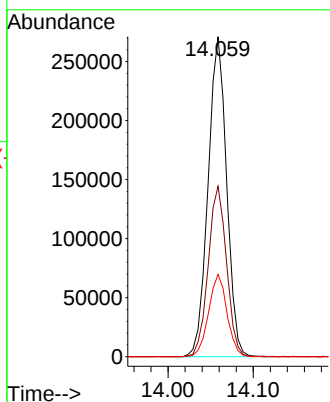
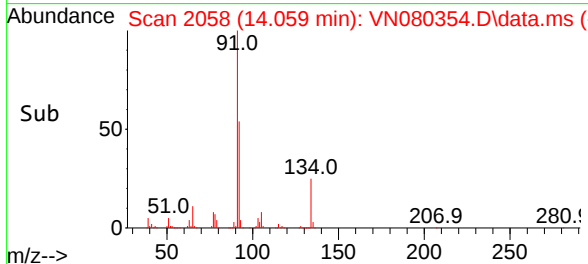
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 410620
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 25.5 12.6 37.6

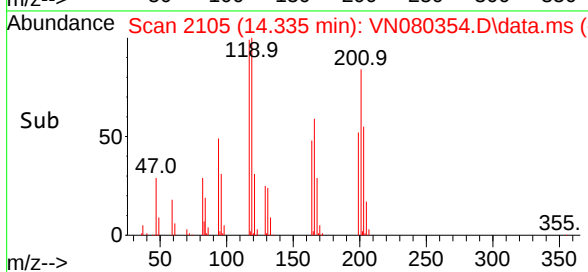
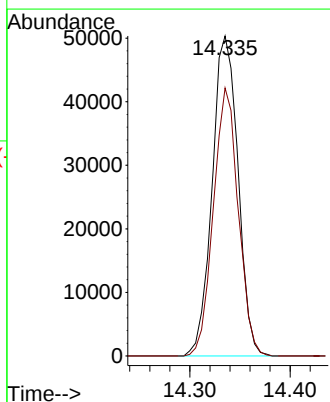
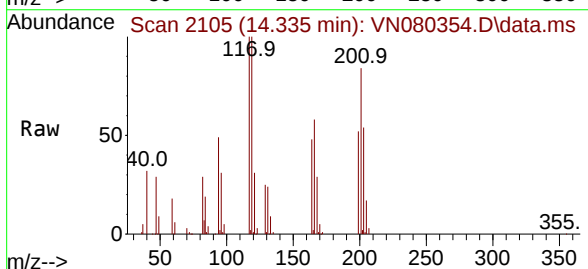
Manual Integrations
APPROVED

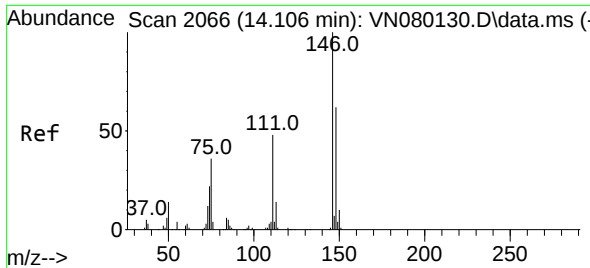
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#90
Hexachloroethane
Concen: 51.009 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

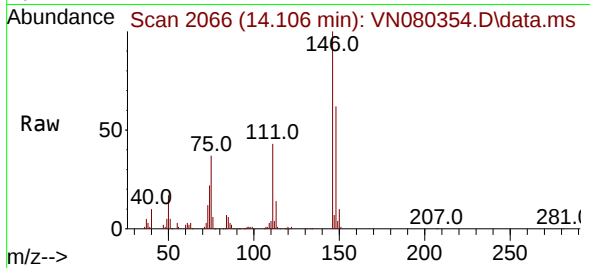
Tgt Ion:117 Resp: 90136
Ion Ratio Lower Upper
117 100
201 80.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 52.171 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

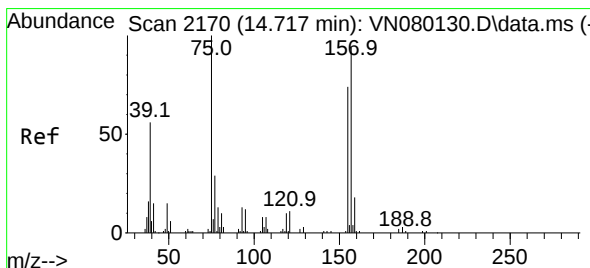
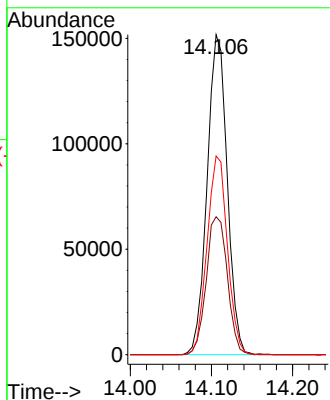
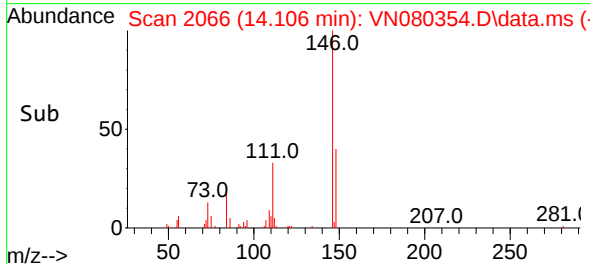
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



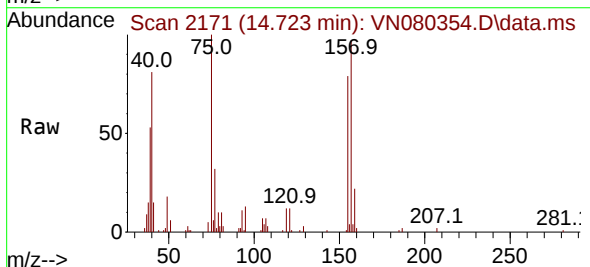
Tgt Ion:146 Resp: 260570
Ion Ratio Lower Upper
146 100
111 45.5 22.0 66.0
148 63.0 31.8 95.3

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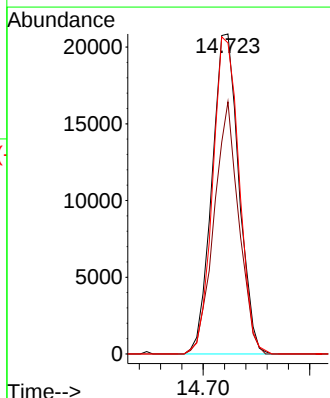
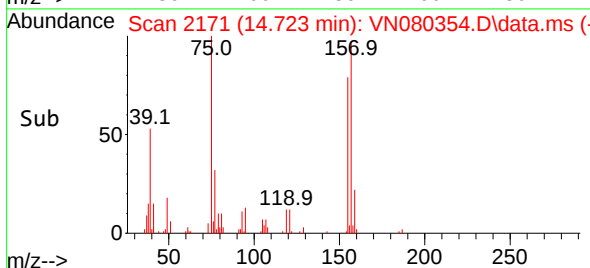
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023

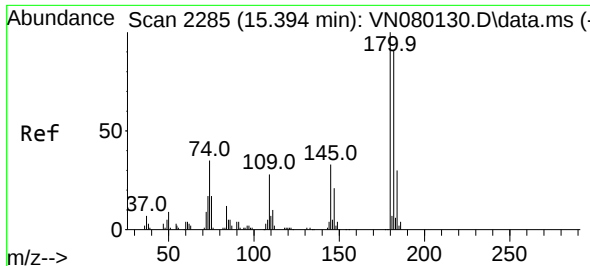


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.820 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05



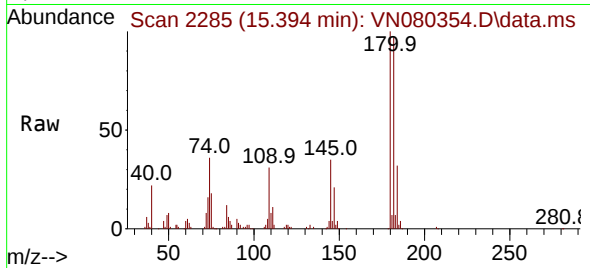
Tgt Ion: 75 Resp: 36600
Ion Ratio Lower Upper
75 100
155 72.6 39.1 117.2
157 97.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.070 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

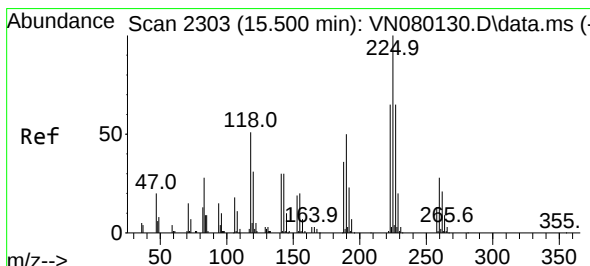
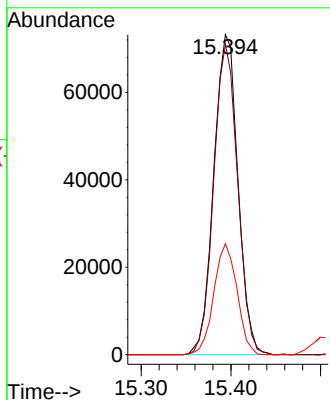
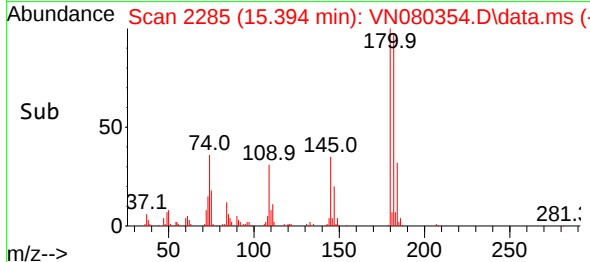
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 13673
Ion Ratio Lower Upper
180 100
182 96.2 46.1 138.2
145 33.4 16.6 49.8

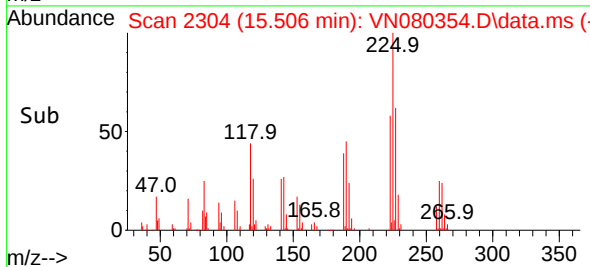
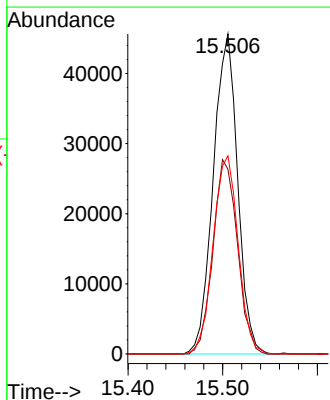
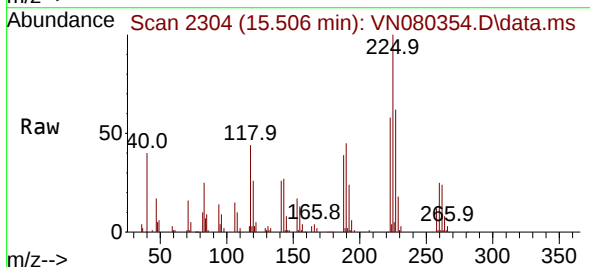
Manual Integrations
APPROVED

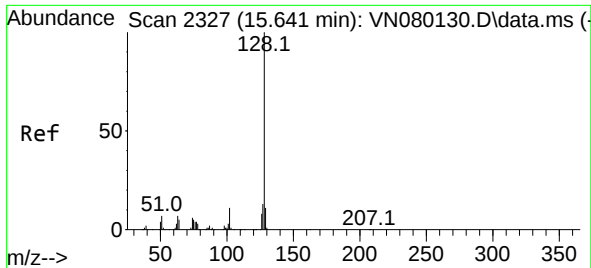
Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#94
Hexachlorobutadiene
Concen: 48.790 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

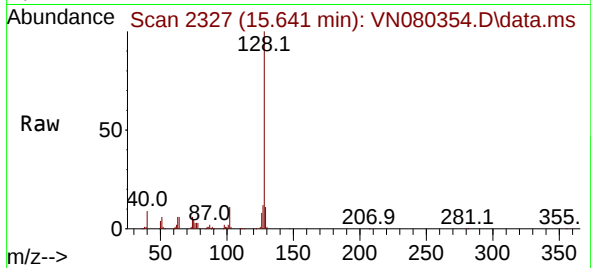
Tgt Ion:225 Resp: 81560
Ion Ratio Lower Upper
225 100
223 61.2 31.3 93.8
227 63.6 31.9 95.9





#95
Naphthalene
Concen: 43.918 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

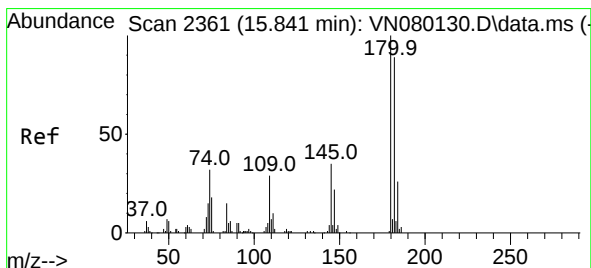
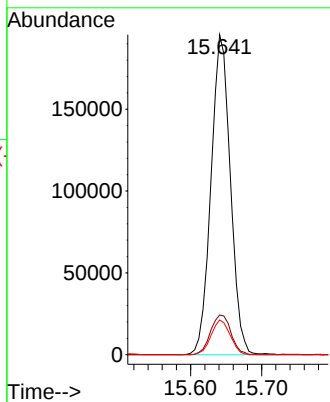
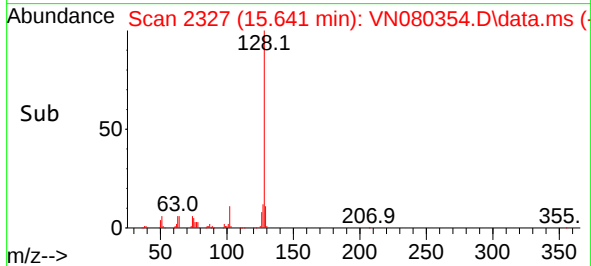
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 369948
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/06/2023
Supervised By :Mahesh Dadoda 12/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.324 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN080354.D
Acq: 05 Dec 2023 10:05

Tgt Ion:180 Resp: 131575
Ion Ratio Lower Upper
180 100
182 93.6 46.2 138.6
145 35.5 17.5 52.6

