

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080022.D
 Acq On : 09 Nov 2023 15:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 10 00:24:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/10/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	329631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	515662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	273910	54.542	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.080%			
35) Dibromofluoromethane	8.165	113	218187	55.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.500%			
50) Toluene-d8	10.571	98	790735	54.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.780%			
62) 4-Bromofluorobenzene	12.853	95	292192	60.602	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 121.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	191491	48.229	ug/l	100
3) Chloromethane	2.359	50	234767	47.404	ug/l	100
4) Vinyl Chloride	2.512	62	516253	99.330	ug/l	98
5) Bromomethane	2.947	94	112179	35.523	ug/l	94
6) Chloroethane	3.118	64	139307	33.922	ug/l	95
7) Trichlorofluoromethane	3.494	101	350588	54.234	ug/l	98
8) Diethyl Ether	3.959	74	128812	52.510	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.371	101	202447	54.024	ug/l	99
10) Methyl Iodide	4.589	142	207713	48.538	ug/l	97
11) Tert butyl alcohol	5.530	59	147312	229.786	ug/l	100
12) 1,1-Dichloroethene	4.342	96	183058	51.593	ug/l	84
13) Acrolein	4.183	56	146228	304.530	ug/l	95
14) Allyl chloride	5.018	41	304543	56.040	ug/l #	92
15) Acrylonitrile	5.718	53	571478	286.048	ug/l	99
16) Acetone	4.424	43	538137	305.059	ug/l	89
17) Carbon Disulfide	4.706	76	456864	44.640	ug/l	98
18) Methyl Acetate	5.024	43	471152	55.826	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	691387	56.598	ug/l	94
20) Methylene Chloride	5.277	84	234029	52.577	ug/l #	84
21) trans-1,2-Dichloroethene	5.788	96	210159	53.108	ug/l #	75
22) Diisopropyl ether	6.677	45	765847	60.811	ug/l #	88
23) Vinyl Acetate	6.606	43	2022211	291.104	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	446594	58.344	ug/l	97
25) 2-Butanone	7.488	43	765035	296.160	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	374161	59.104	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	255823	54.045	ug/l	83
28) Bromochloromethane	7.818	49	223315	59.864	ug/l #	74
29) Tetrahydrofuran	7.841	42	488216	290.492	ug/l #	76
30) Chloroform	7.965	83	458052	55.090	ug/l	93
31) Cyclohexane	8.259	56	328451	49.494	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	390777	57.681	ug/l	96
36) 1,1-Dichloropropene	8.371	75	330274	58.574	ug/l	94
37) Ethyl Acetate	7.559	43	305822	59.139	ug/l #	92
38) Carbon Tetrachloride	8.365	117	332152	58.450	ug/l	99
39) Methylcyclohexane	9.606	83	292375	55.098	ug/l #	87
40) Benzene	8.606	78	965144	57.148	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	167699	61.069	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	354504	60.093	ug/l	98
43) Isopropyl Acetate	8.688	43	499818	55.114	ug/l #	93
44) Trichloroethene	9.359	130	234314	55.912	ug/l	98
45) 1,2-Dichloropropane	9.624	63	263226	60.989	ug/l	96
46) Dibromomethane	9.712	93	170176	57.746	ug/l	95
47) Bromodichloromethane	9.888	83	364017	57.919	ug/l	99
48) Methyl methacrylate	9.682	41	249230	62.743	ug/l #	79
49) 1,4-Dioxane	9.700	88	78838	1123.215	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1598597	313.102	ug/l	92
52) Toluene	10.635	92	600409	59.968	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	375105	60.881	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	410207	61.082	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	246506	61.212	ug/l	99
56) Ethyl methacrylate	10.876	69	365476	63.625	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	432886	60.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	716257	246.021	ug/l	90
59) 2-Hexanone	11.200	43	1186014	303.652	ug/l	90
60) Dibromochloromethane	11.365	129	260029	60.323	ug/l	98
61) 1,2-Dibromoethane	11.476	107	234962	58.131	ug/l	98
64) Tetrachloroethene	11.106	164	210515	63.034	ug/l	99
65) Chlorobenzene	11.894	112	637524	56.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	243515	60.424	ug/l	97
67) Ethyl Benzene	11.965	91	1162107	59.631	ug/l	96
68) m/p-Xylenes	12.076	106	874433	120.450	ug/l	94
69) o-Xylene	12.400	106	422380	60.420	ug/l	93
70) Styrene	12.412	104	724596	64.496	ug/l	98
71) Bromoform	12.582	173	172285	60.204	ug/l #	98
73) Isopropylbenzene	12.700	105	1053572	55.245	ug/l	99
74) N-amyl acetate	12.500	43	427975	51.413	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	349921	51.750	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	286619m	48.584	ug/l	
77) Bromobenzene	12.982	156	256128	54.856	ug/l	93
78) n-propylbenzene	13.041	91	1266744	58.003	ug/l	98
79) 2-Chlorotoluene	13.129	91	785800	56.324	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	885841	59.702	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	126087	58.150	ug/l #	84
82) 4-Chlorotoluene	13.223	91	799757	57.687	ug/l	98
83) tert-Butylbenzene	13.441	119	734095	60.442	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	897037	61.448	ug/l	100
85) sec-Butylbenzene	13.617	105	992568	58.986	ug/l	99
86) p-Isopropyltoluene	13.735	119	824918	60.129	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	474136	54.588	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	471035	53.428	ug/l	99
89) n-Butylbenzene	14.059	91	699997	59.240	ug/l	99
90) Hexachloroethane	14.335	117	151665	55.821	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	458755	55.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	64689	56.415	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	217281	55.731	ug/l	97
94) Hexachlorobutadiene	15.505	225	101433	57.391	ug/l	99
95) Naphthalene	15.647	128	688931	52.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	211016	55.216	ug/l	97

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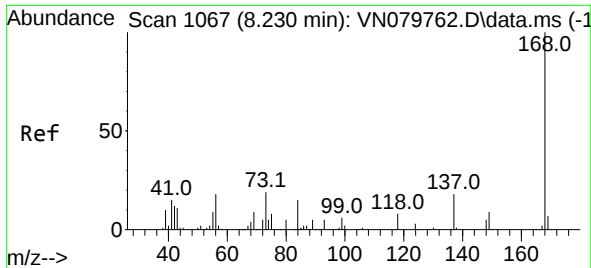
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/10/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 02 05:49:08 2023
Response via : Initial Calibration

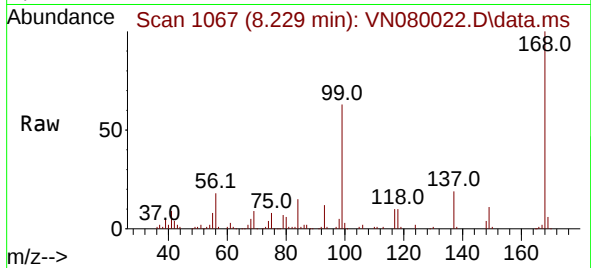
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

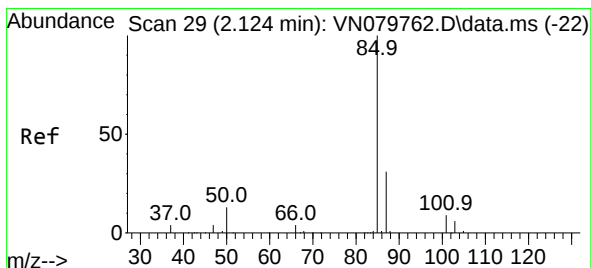
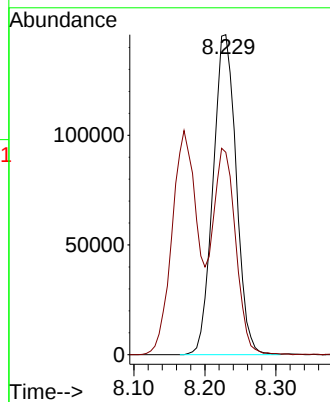
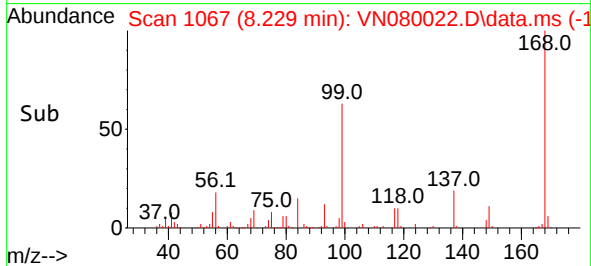
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 32963
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6

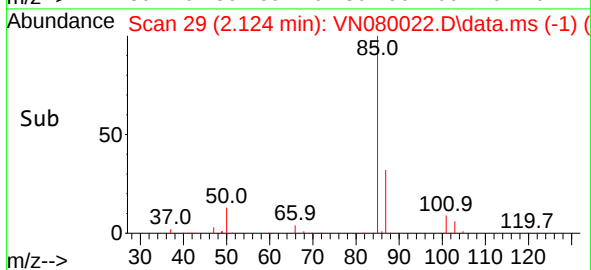
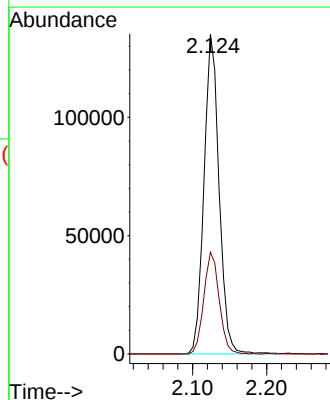
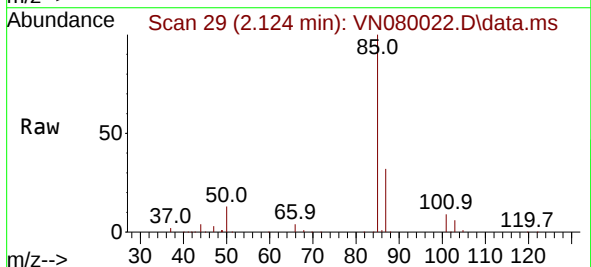
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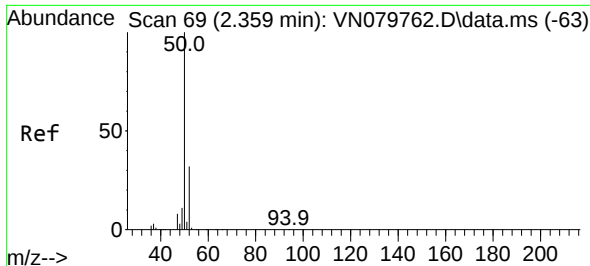
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#2
Dichlorodifluoromethane
Concen: 48.229 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

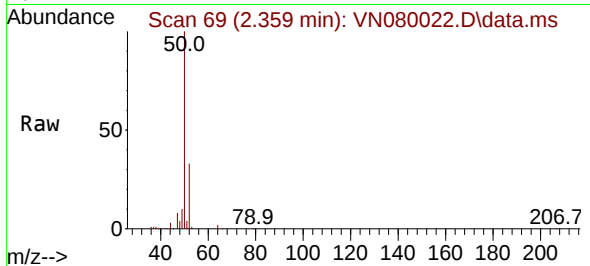
Tgt Ion: 85 Resp: 191491
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3
Chloromethane
Concen: 47.404 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

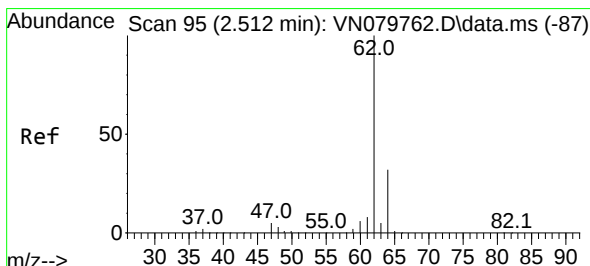
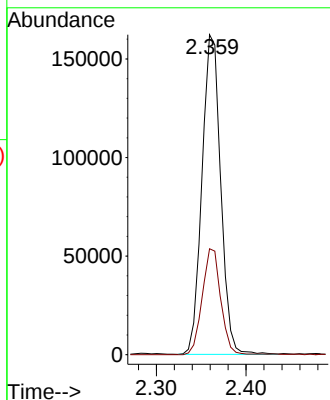
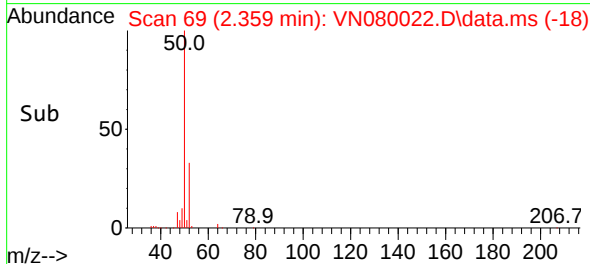
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VSTDCCC050



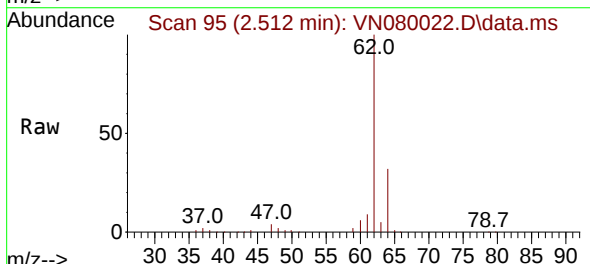
Tgt Ion: 50 Resp: 23476
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

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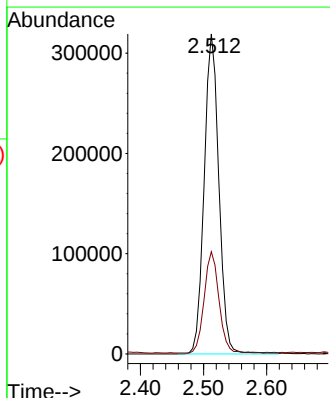
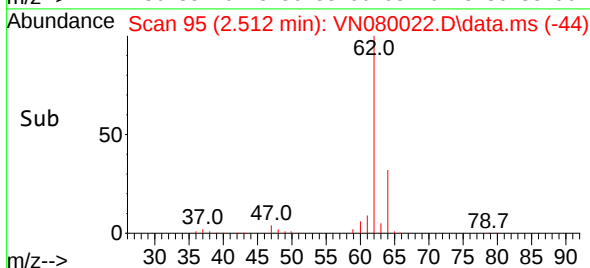
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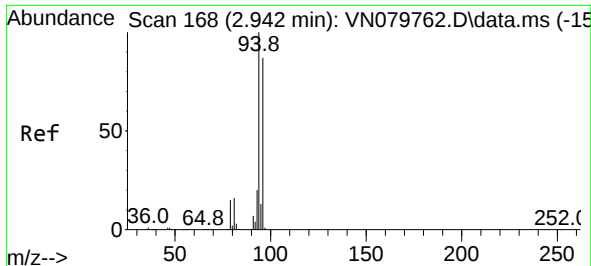


#4
Vinyl Chloride
Concen: 99.330 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



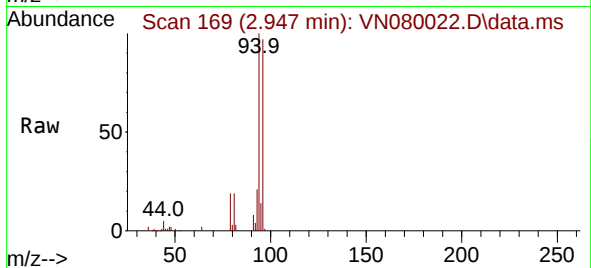
Tgt Ion: 62 Resp: 516253
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 35.523 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

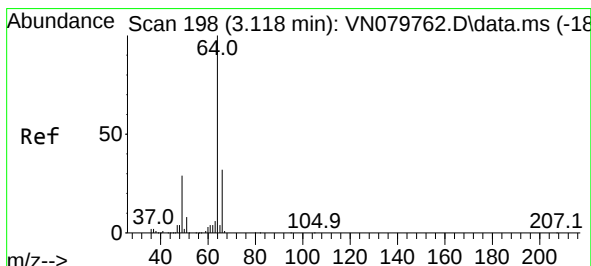
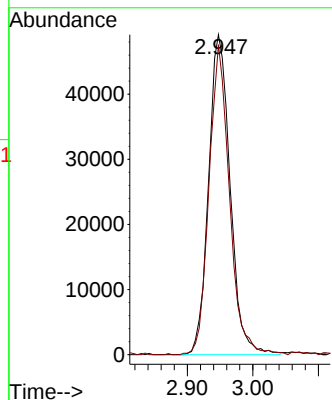
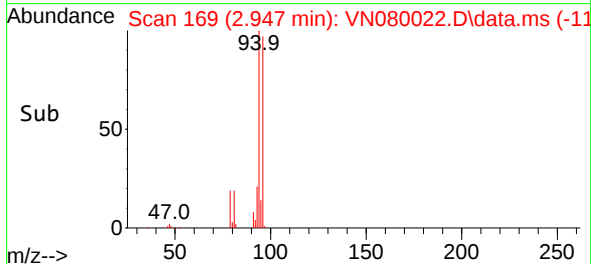
Instrument :
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Tgt Ion: 94 Resp: 112179
Ion Ratio Lower Upper
94 100
96 96.8 73.1 109.7

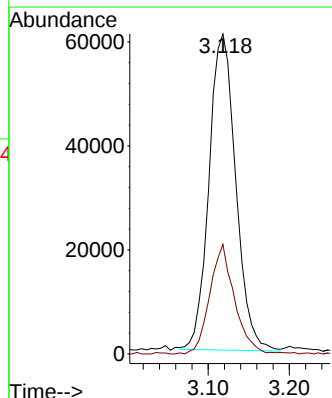
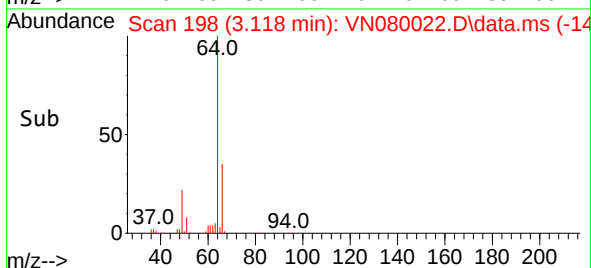
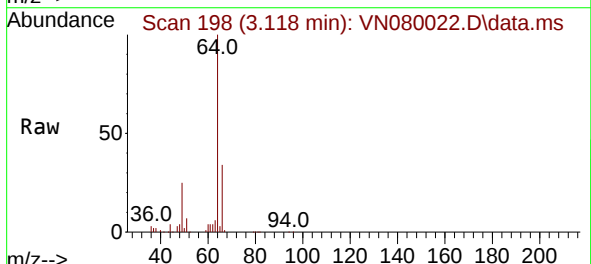
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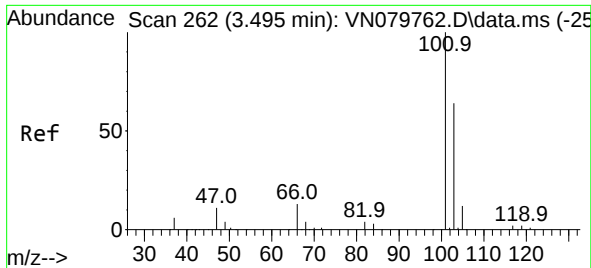
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#6
Chloroethane
Concen: 33.922 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 64 Resp: 139307
Ion Ratio Lower Upper
64 100
66 34.4 25.4 38.2





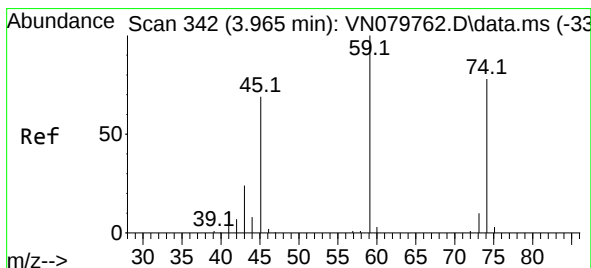
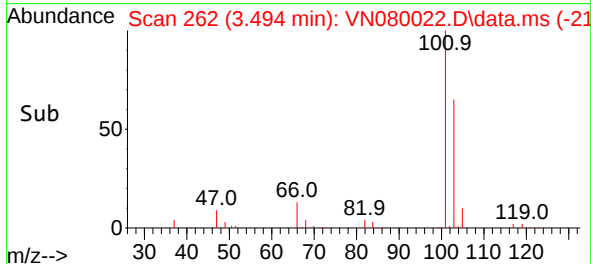
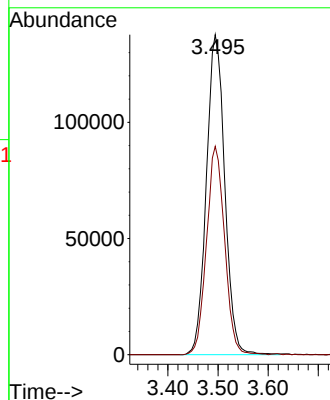
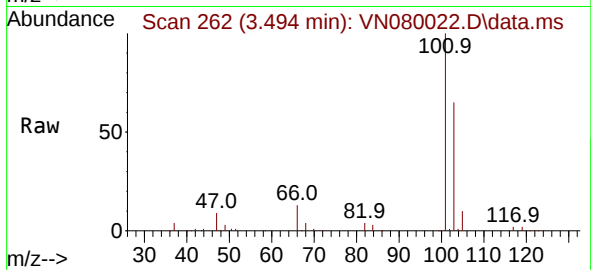
#7
Trichlorofluoromethane
Concen: 54.234 ug/l
RT: 3.494 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 35058
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

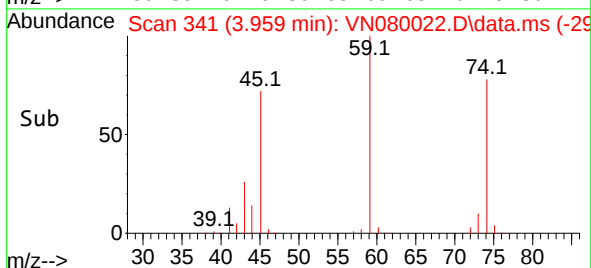
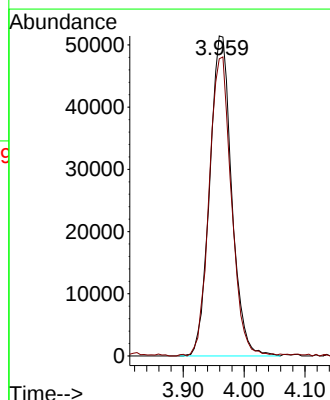
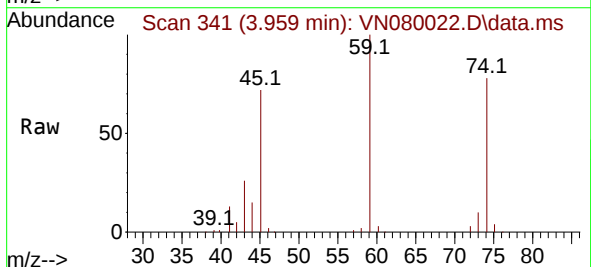
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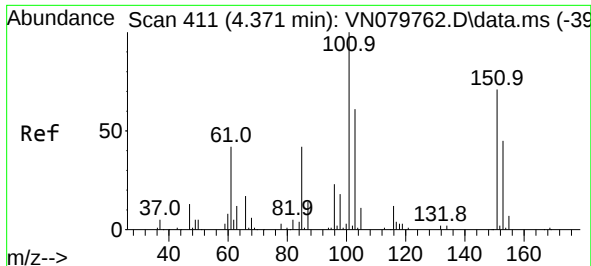
Reviewed By :John Carlone 11/10/2023
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#8
Diethyl Ether
Concen: 52.510 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 74 Resp: 128812
Ion Ratio Lower Upper
74 100
45 94.9 34.4 103.3





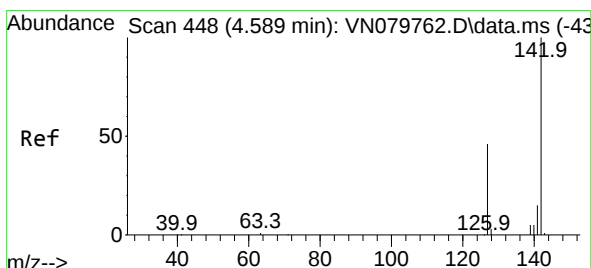
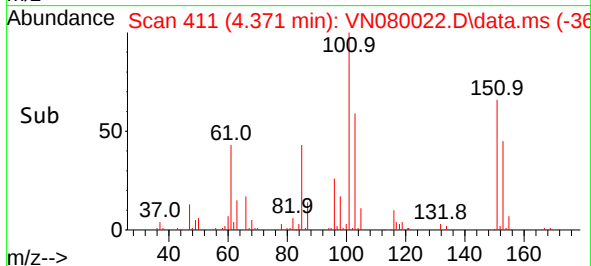
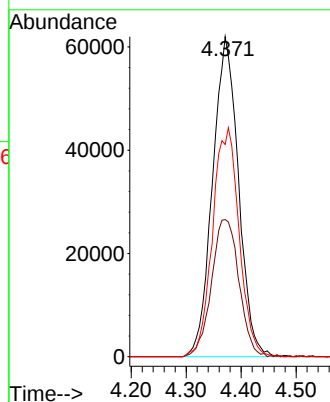
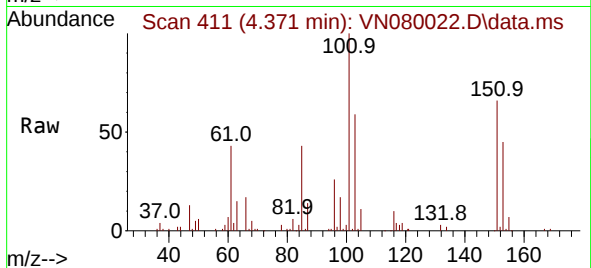
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.024 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20244
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 73.3 57.6 86.4

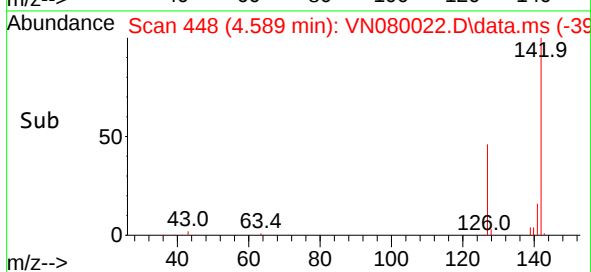
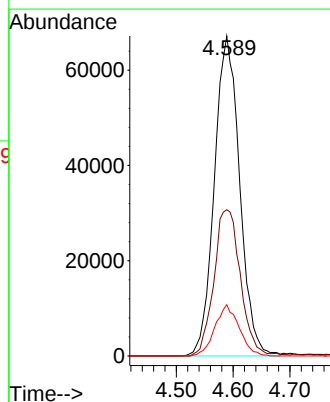
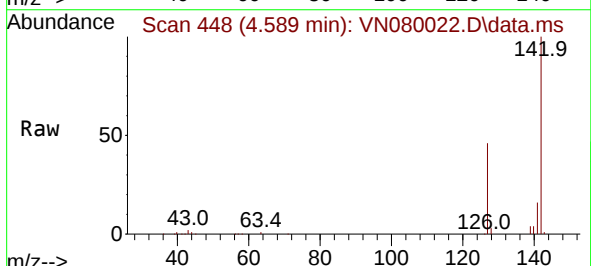
Manual Integrations
APPROVED

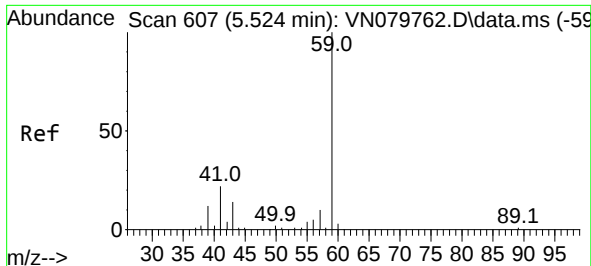
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#10
Methyl Iodide
Concen: 48.538 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

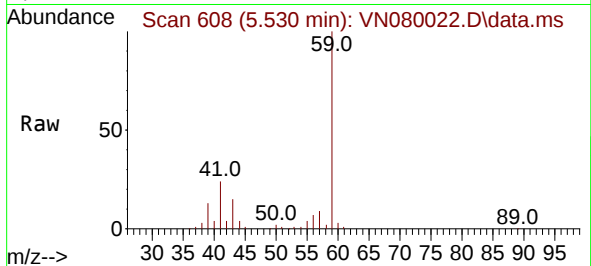
Tgt Ion:142 Resp: 207713
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 16.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 229.786 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

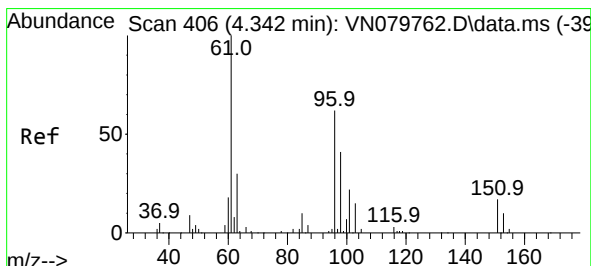
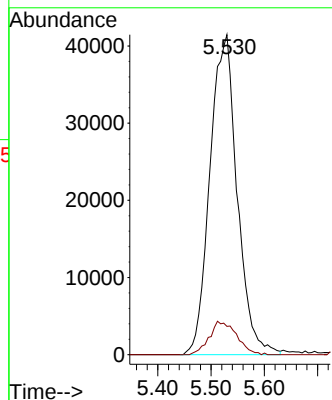
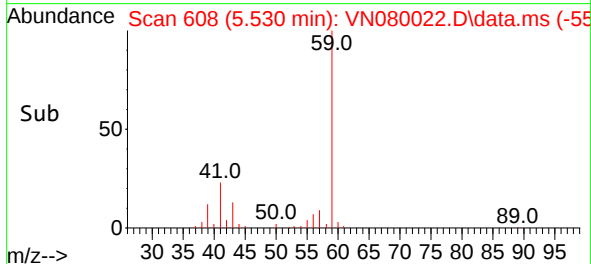
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



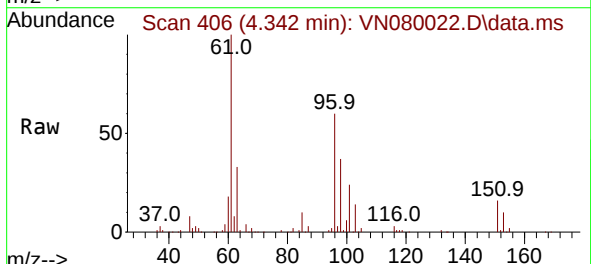
Tgt Ion: 59 Resp: 147312
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
APPROVED

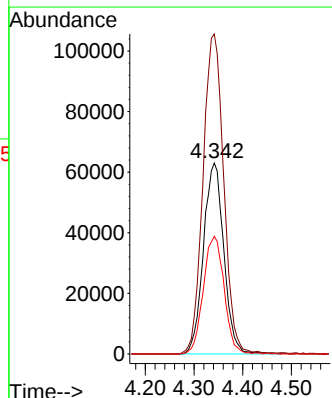
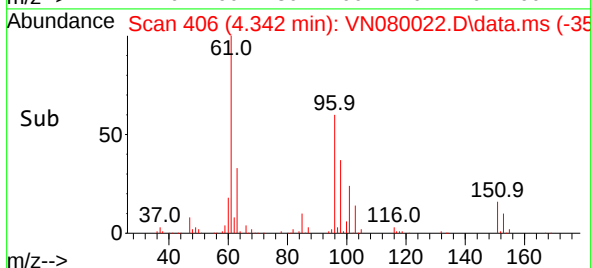
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

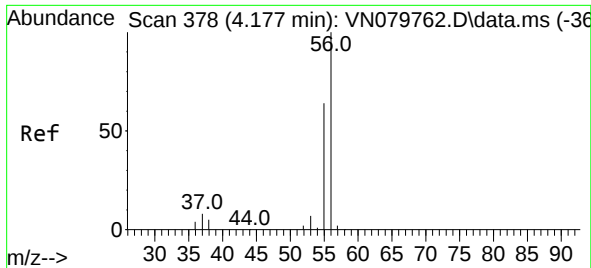


#12
1,1-Dichloroethene
Concen: 51.593 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 96 Resp: 183058
Ion Ratio Lower Upper
96 100
61 167.5 112.7 169.1
98 61.6 51.2 76.8





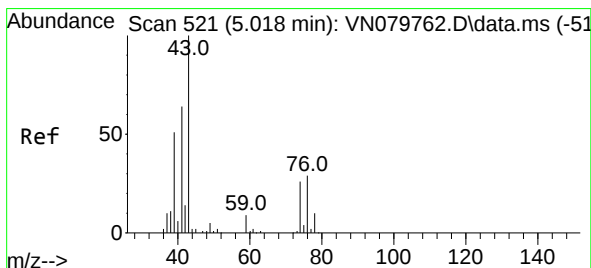
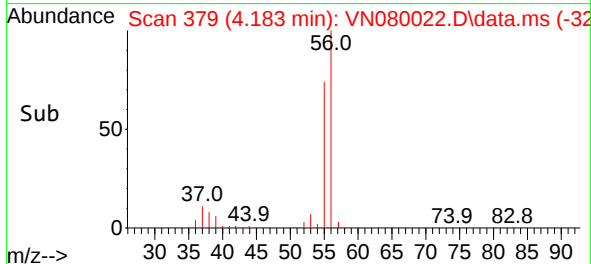
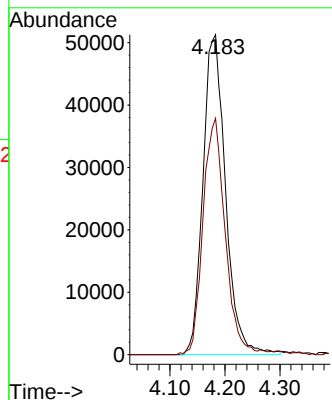
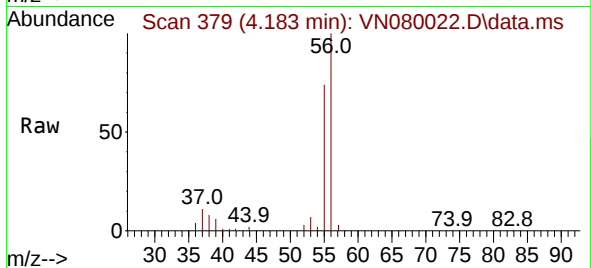
#13
Acrolein
Concen: 304.530 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 146228
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

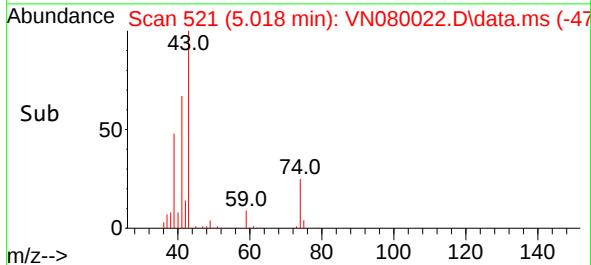
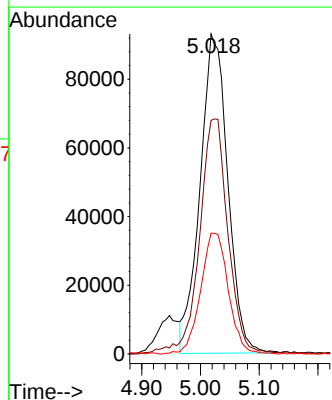
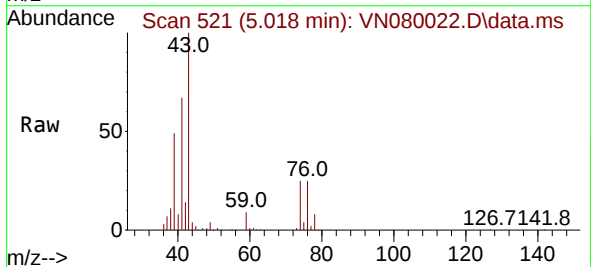
Manual Integrations
APPROVED

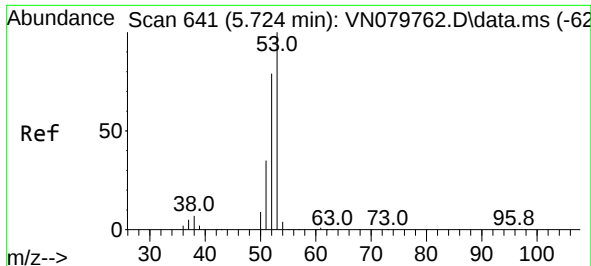
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#14
Allyl chloride
Concen: 56.040 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

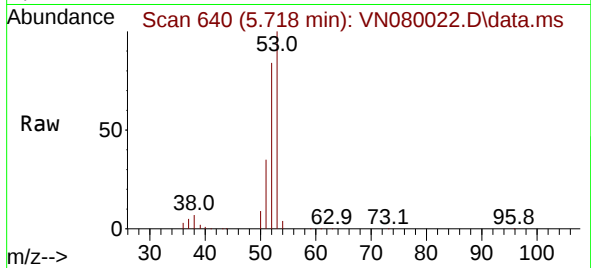
Tgt Ion: 41 Resp: 304543
Ion Ratio Lower Upper
41 100
39 75.4 58.8 88.2
76 37.8 39.1 58.7#





#15
Acrylonitrile
Concen: 286.048 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

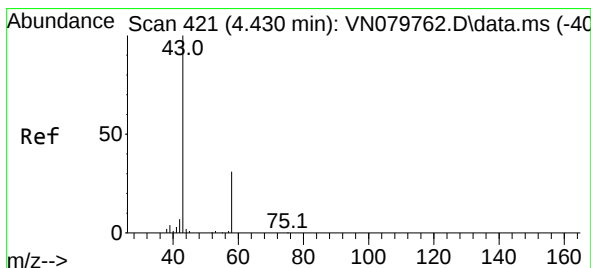
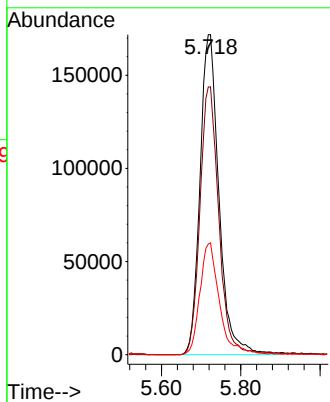
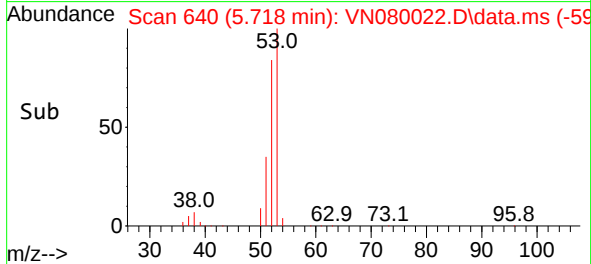
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



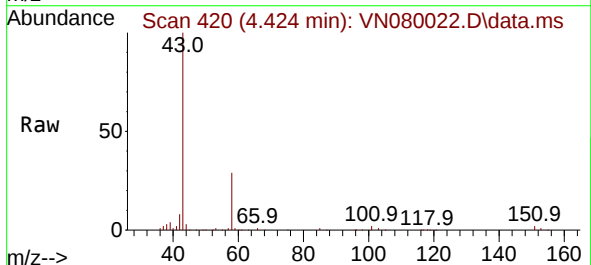
Tgt Ion: 53 Resp: 571478
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 36.0 28.9 43.3

Manual Integrations
APPROVED

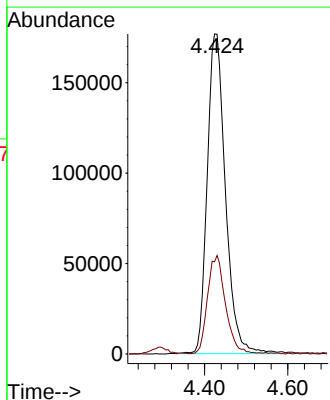
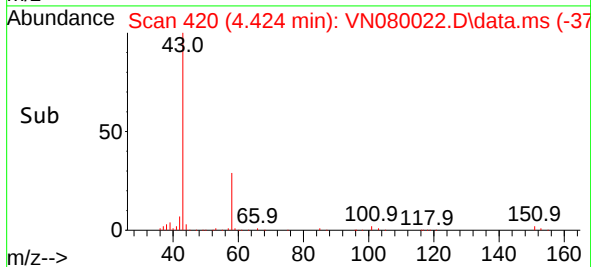
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

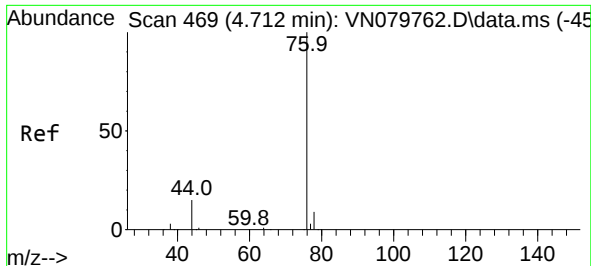


#16
Acetone
Concen: 305.059 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 43 Resp: 538137
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0





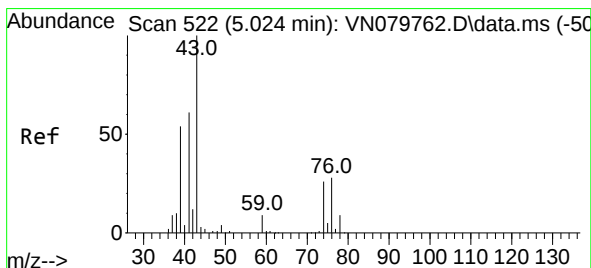
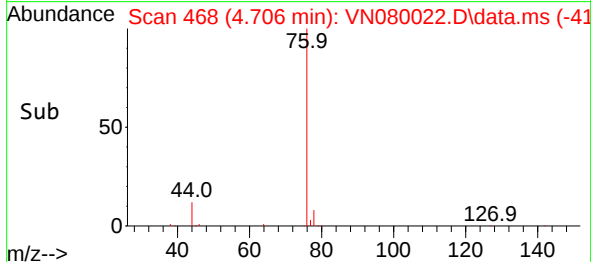
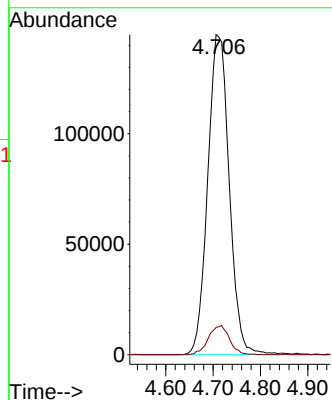
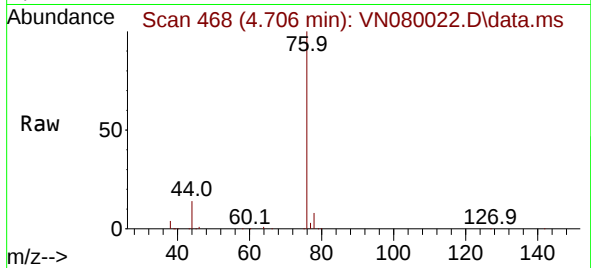
#17
Carbon Disulfide
Concen: 44.640 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 456864
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

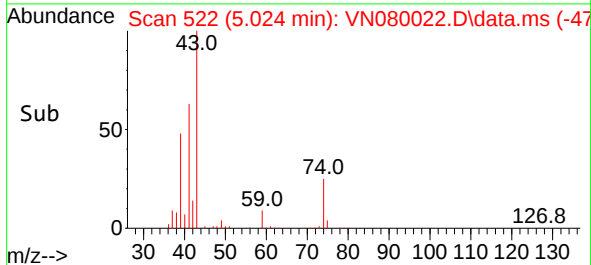
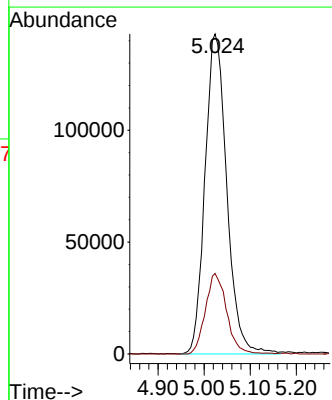
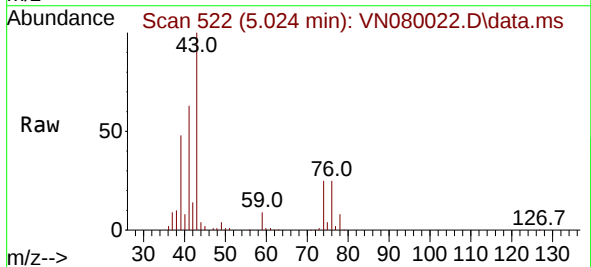
Manual Integrations
APPROVED

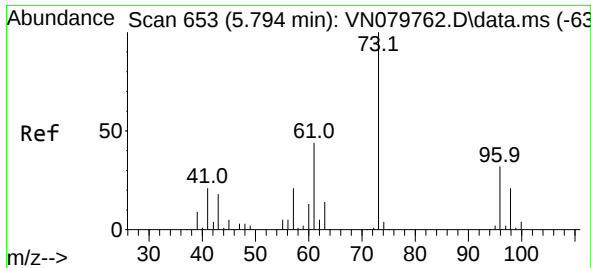
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#18
Methyl Acetate
Concen: 55.826 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 43 Resp: 471152
Ion Ratio Lower Upper
43 100
74 24.4 26.2 39.4#





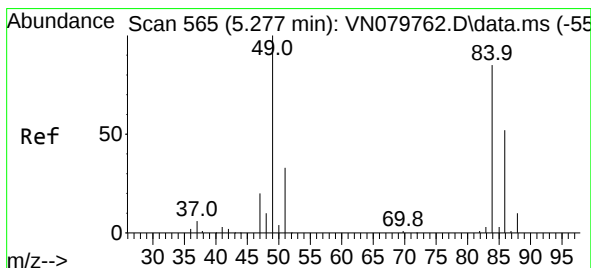
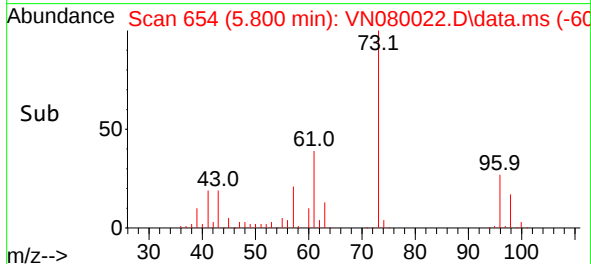
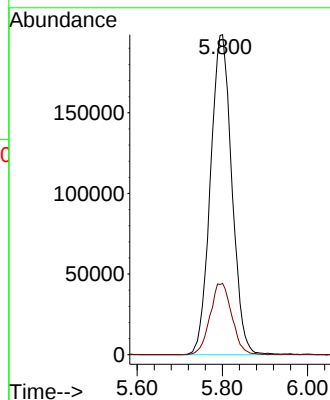
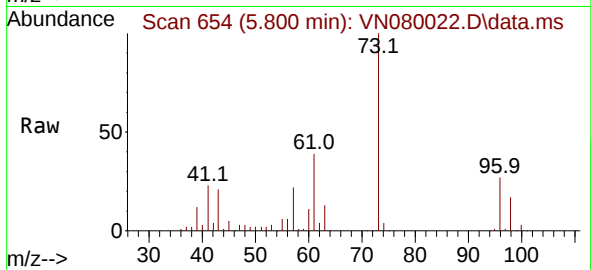
#19
Methyl tert-butyl Ether
Concen: 56.598 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 69138
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

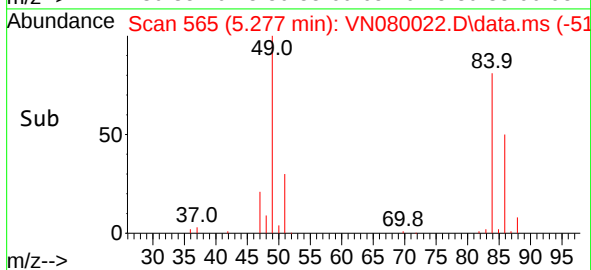
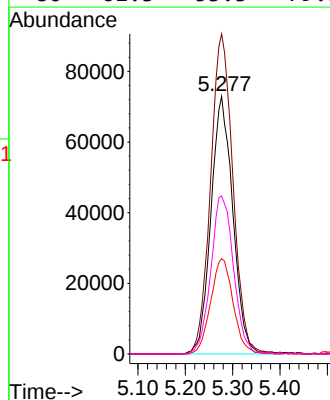
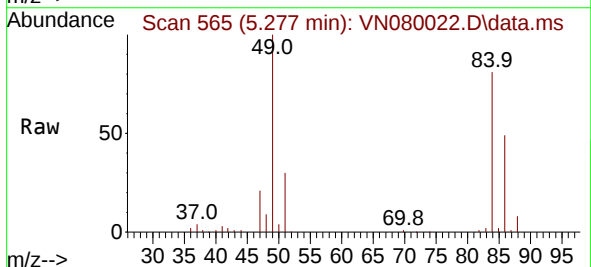
Manual Integrations
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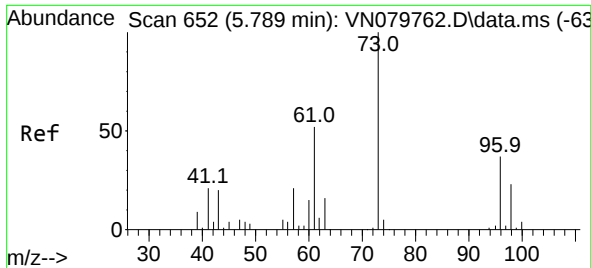
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#20
Methylene Chloride
Concen: 52.577 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

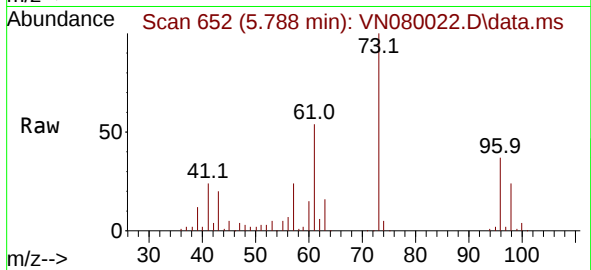
Tgt Ion: 84 Resp: 234029
Ion Ratio Lower Upper
84 100
49 124.2 79.7 119.5#
51 37.0 25.2 37.8
86 61.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.108 ug/l
RT: 5.788 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

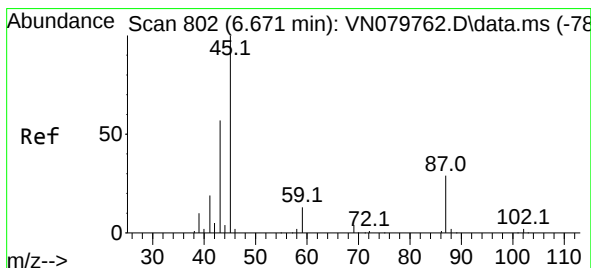
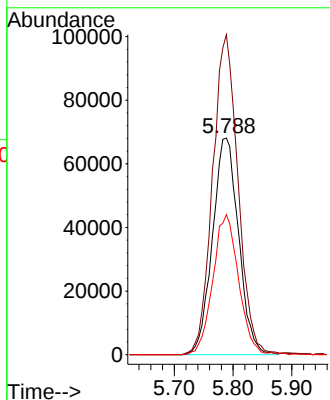
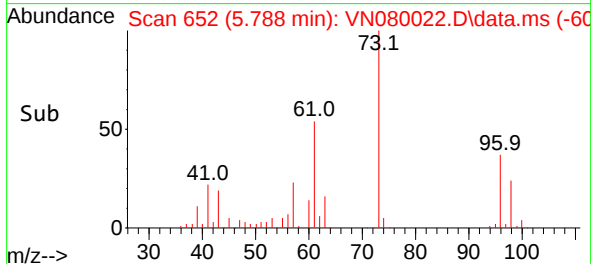
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



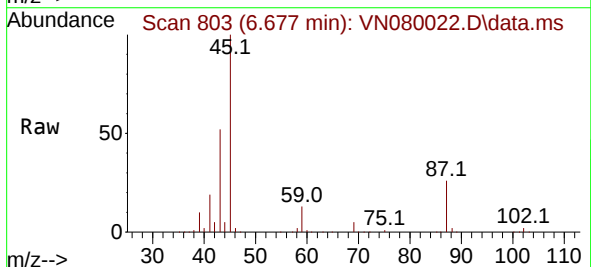
Tgt Ion: 96 Resp: 210159
Ion Ratio Lower Upper
96 100
61 147.7 90.1 135.1
98 64.6 46.4 69.6

Manual Integrations
APPROVED

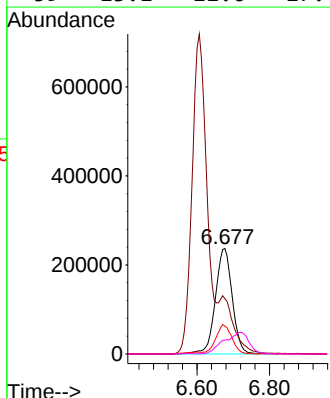
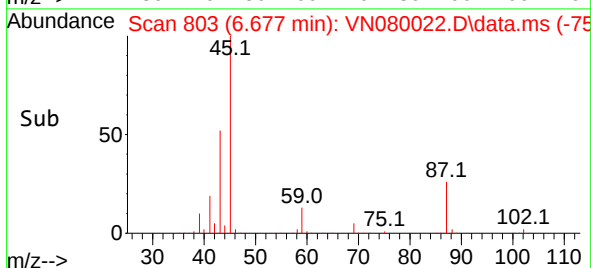
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

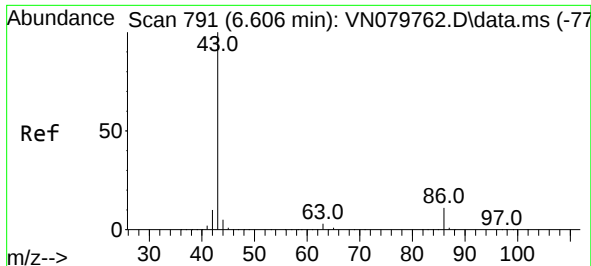


#22
Diisopropyl ether
Concen: 60.811 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 45 Resp: 765847
Ion Ratio Lower Upper
45 100
43 51.6 45.5 68.3
87 26.4 31.8 47.8
59 13.1 11.6 17.4





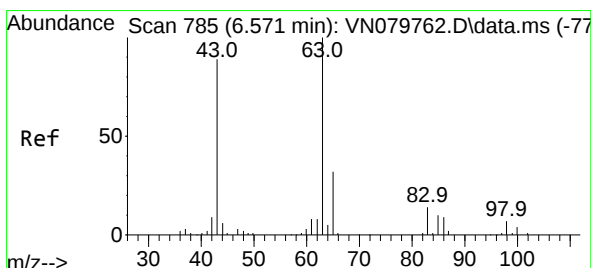
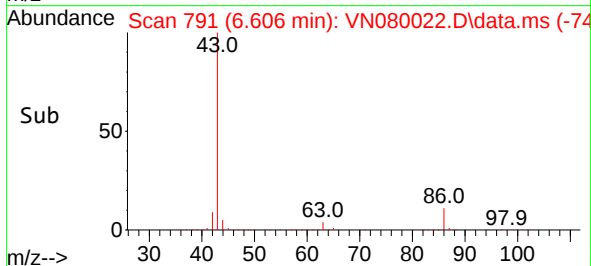
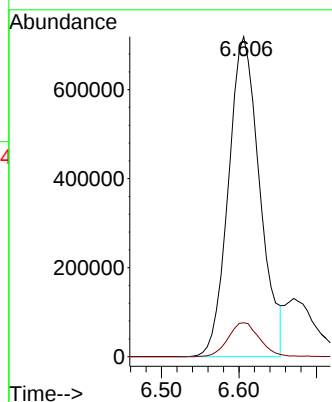
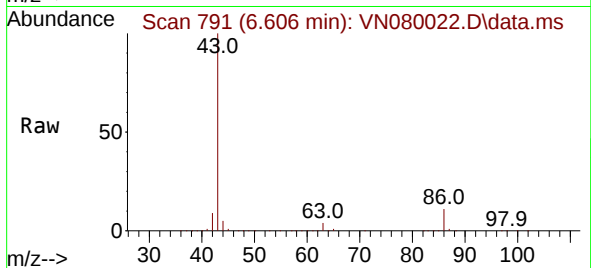
#23
 Vinyl Acetate
 Concen: 291.104 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 202221
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6

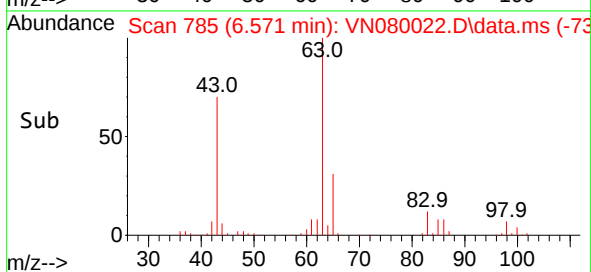
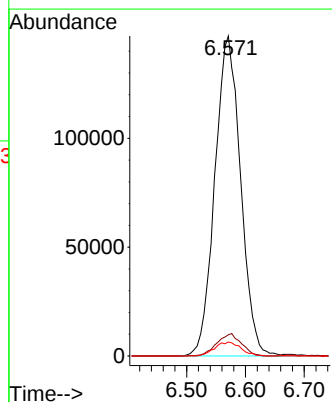
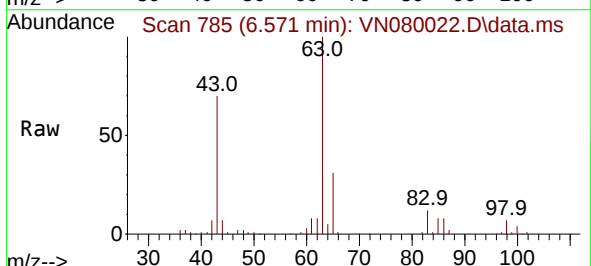
Manual Integrations
 APPROVED

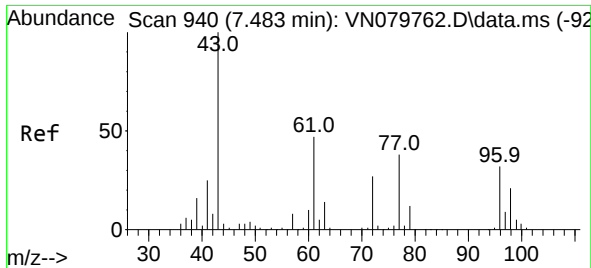
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023



#24
 1,1-Dichloroethane
 Concen: 58.344 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 63 Resp: 446594
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.3 2.5 7.4





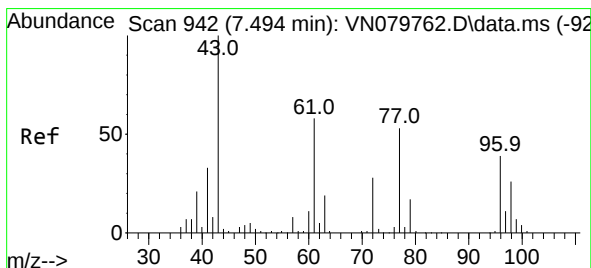
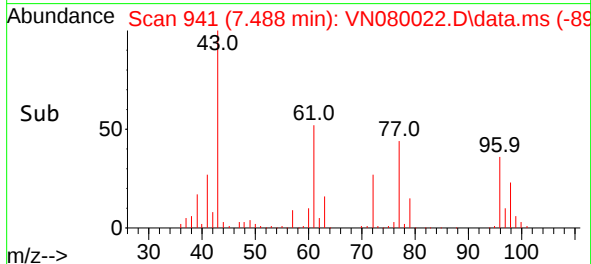
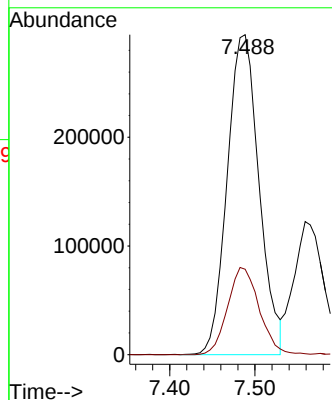
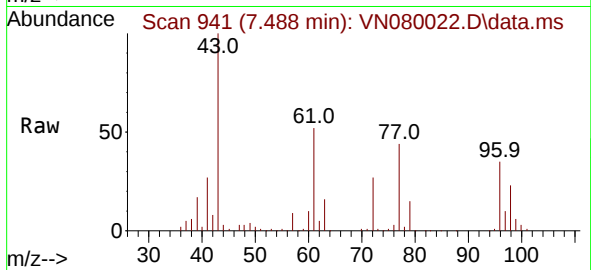
#25
2-Butanone
Concen: 296.160 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 765035
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

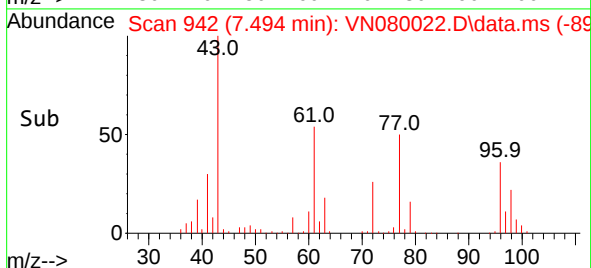
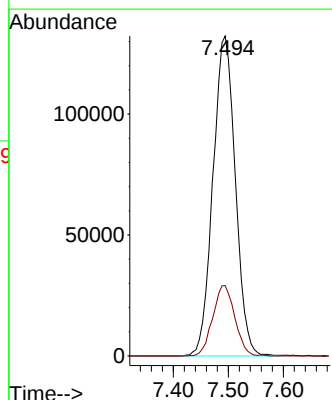
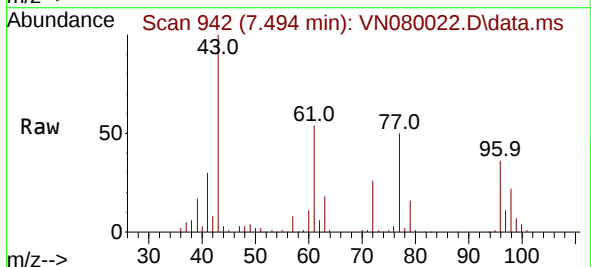
Manual Integrations
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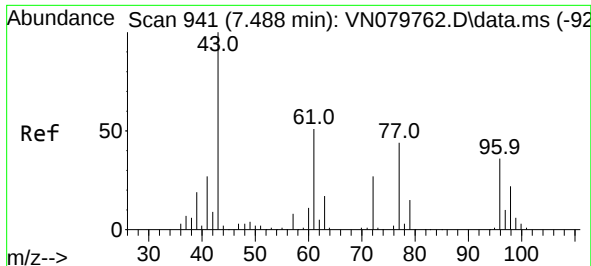
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#26
2,2-Dichloropropane
Concen: 59.104 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

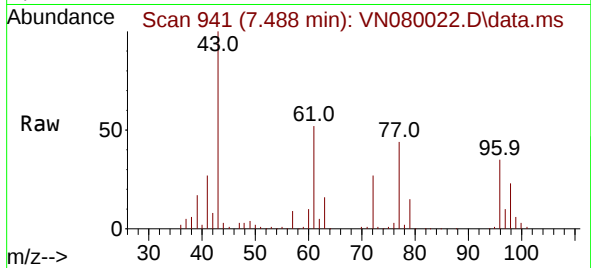
Tgt Ion: 77 Resp: 374161
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.045 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

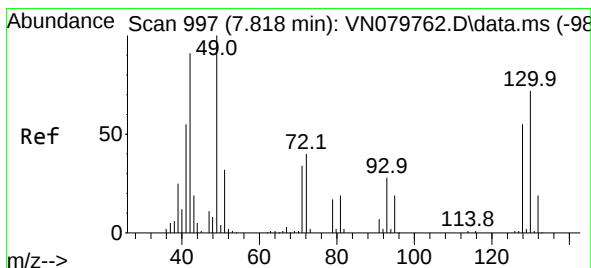
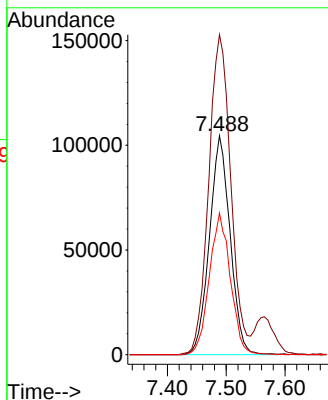
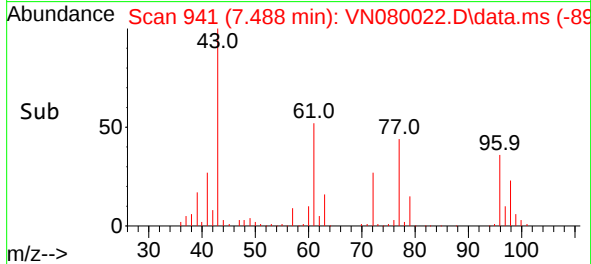
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 25582
 Ion Ratio Lower Upper
 96 100
 61 156.1 0.0 255.2
 98 65.7 0.0 128.8

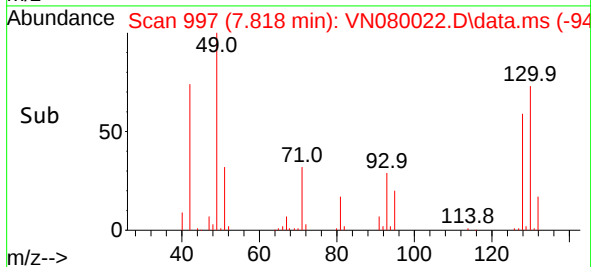
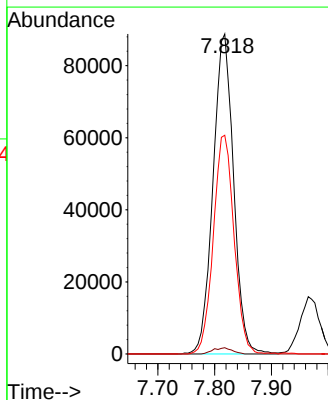
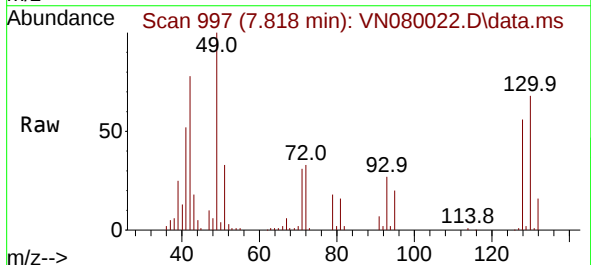
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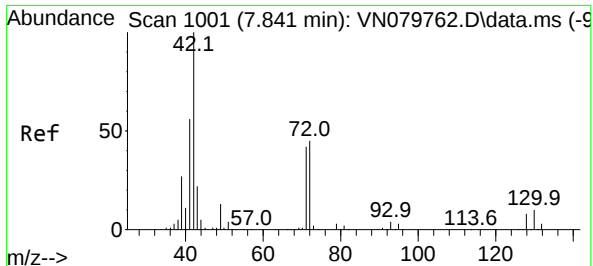
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023



#28
 Bromochloromethane
 Concen: 59.864 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

Tgt Ion: 49 Resp: 223315
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 290.492 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 488210

Ion Ratio Lower Upper

42 100

72 43.7 49.8 74.6

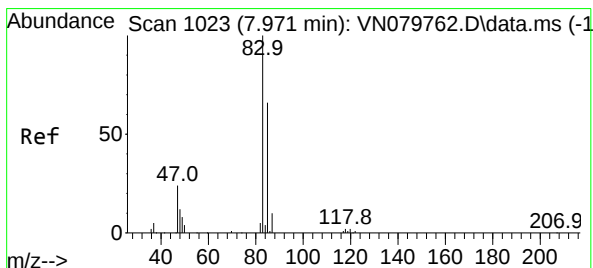
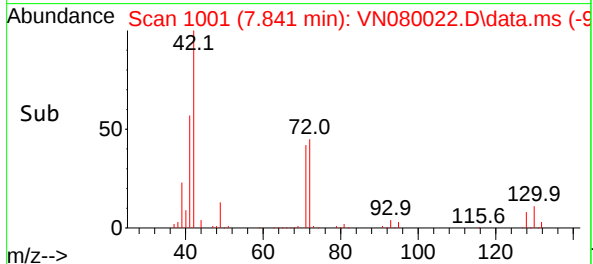
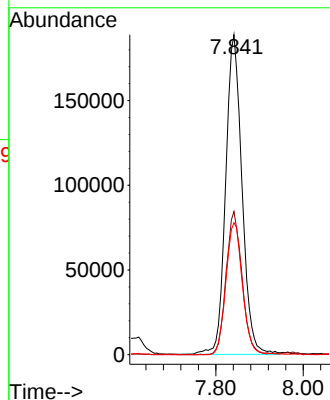
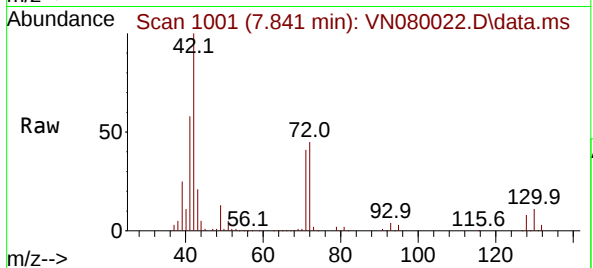
71 41.6 47.4 71.2

Manual Integrations

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Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#30

Chloroform

Concen: 55.090 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080022.D

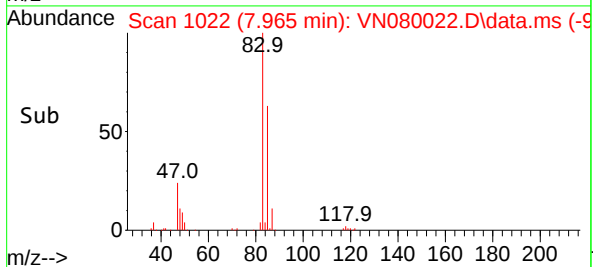
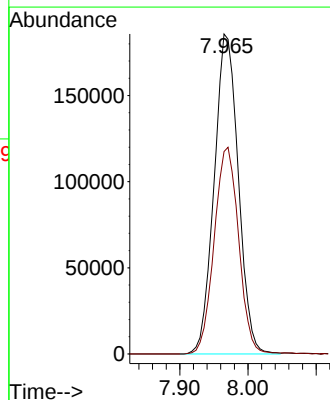
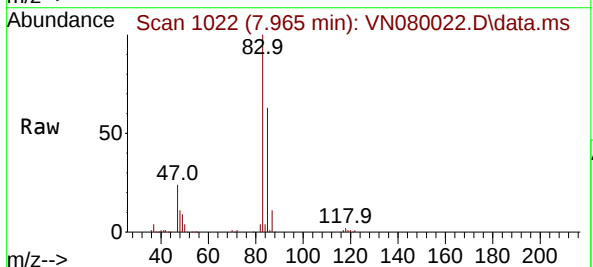
Acq: 09 Nov 2023 15:00

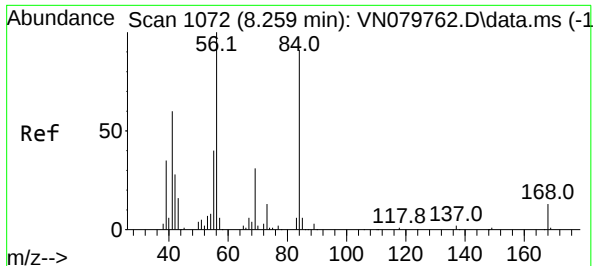
Tgt Ion: 83 Resp: 458052

Ion Ratio Lower Upper

83 100

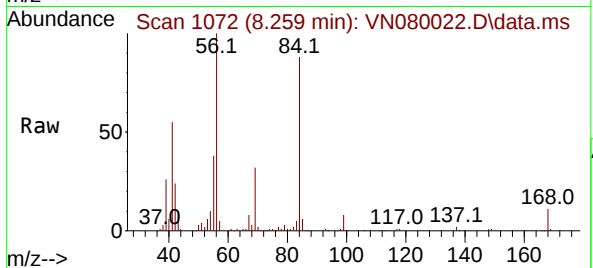
85 63.2 55.4 83.0





#31
Cyclohexane
Concen: 49.494 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

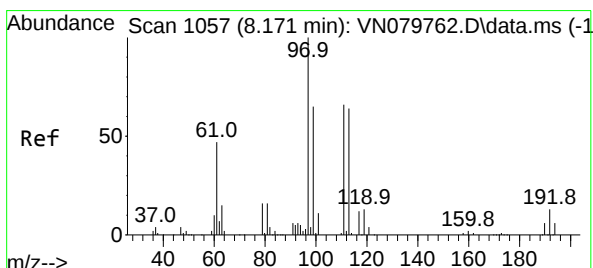
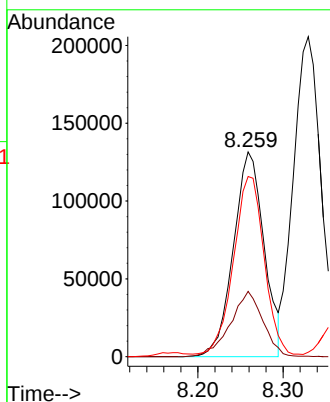
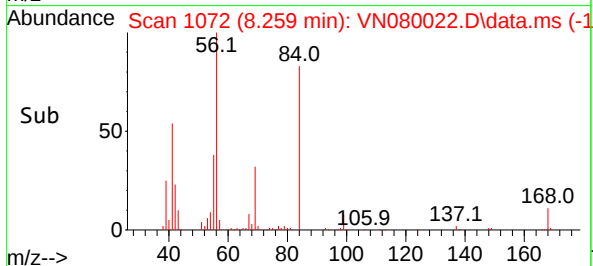
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



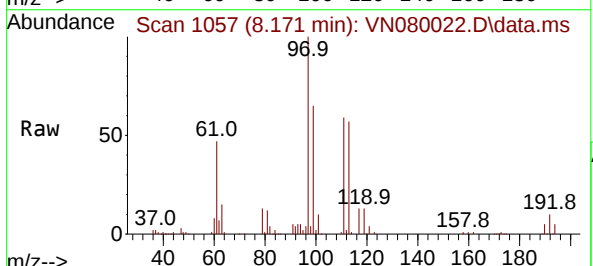
Tgt Ion: 56 Resp: 32845
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 86.0 81.8 122.6

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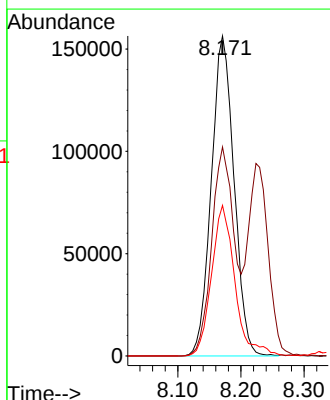
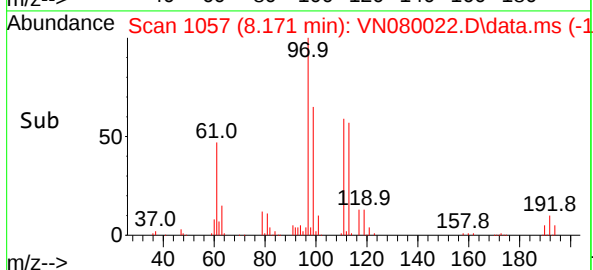
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

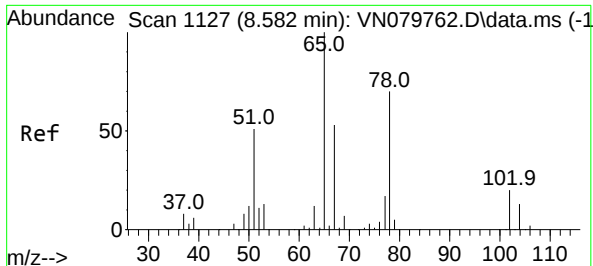


#32
1,1,1-Trichloroethane
Concen: 57.681 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 97 Resp: 390777
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 48.4 34.7 52.1





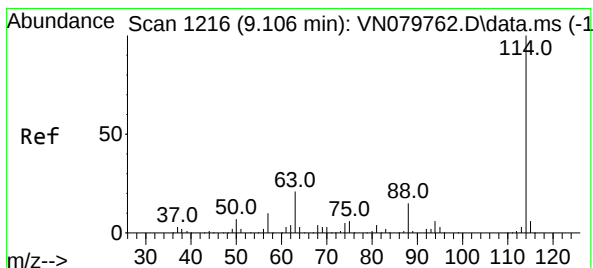
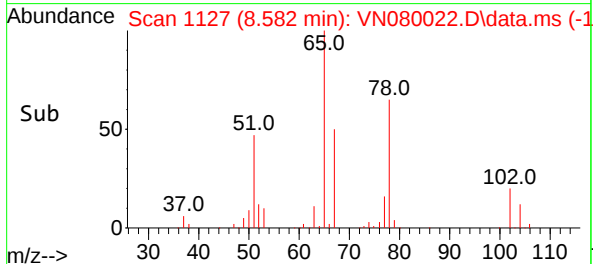
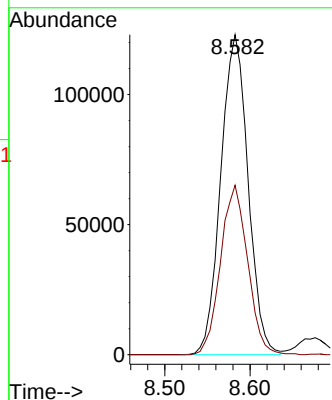
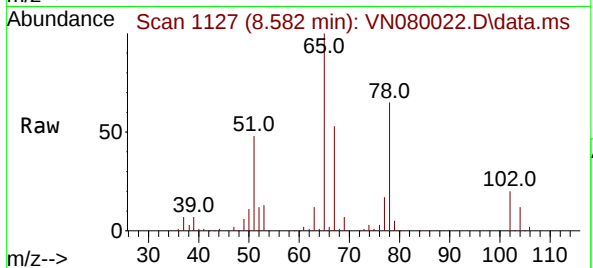
#33
1,2-Dichloroethane-d4
Concen: 54.542 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 273910
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

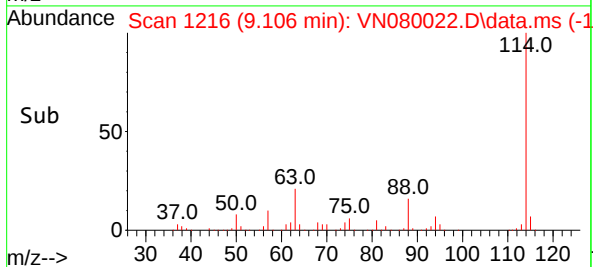
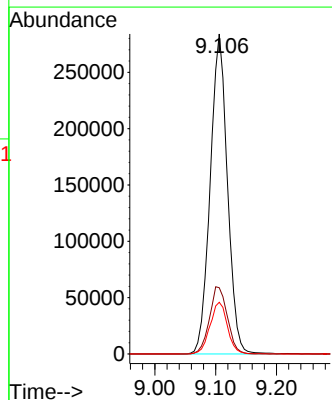
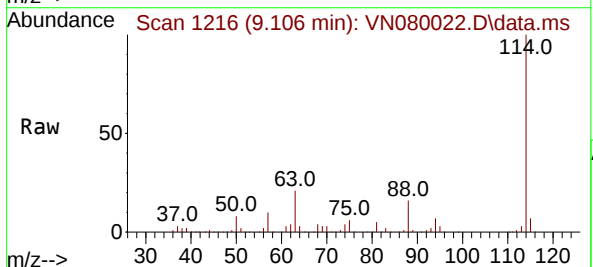
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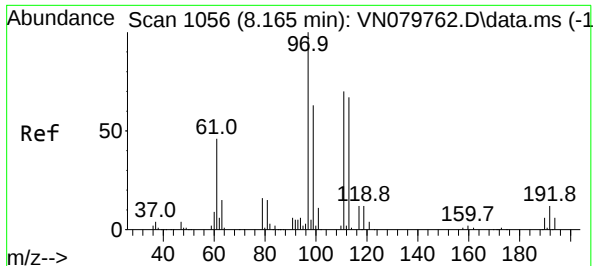
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:114 Resp: 557967
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.250 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 21818

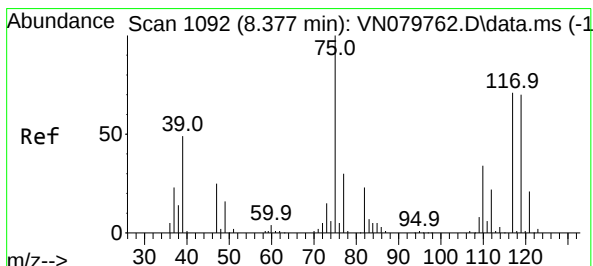
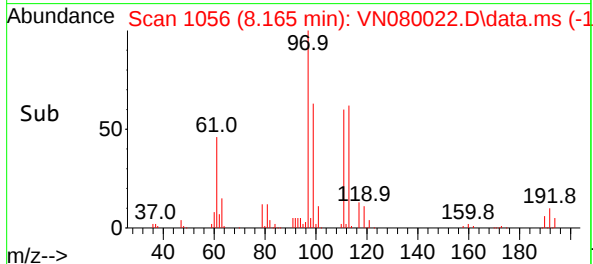
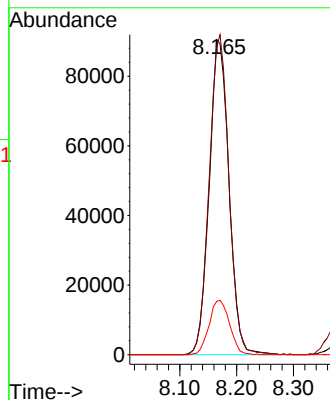
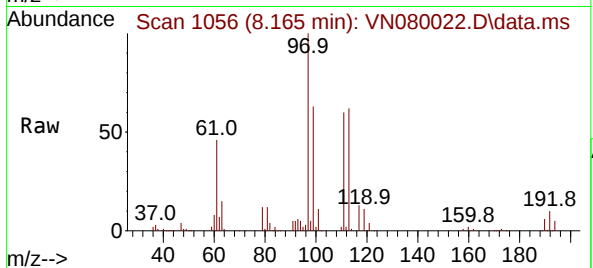
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	17.9	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#36

1,1-Dichloropropene

Concen: 58.574 ug/l

RT: 8.371 min Scan# 1091

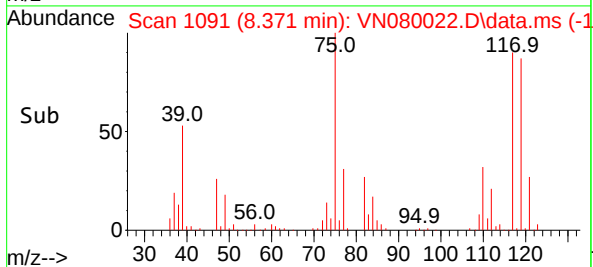
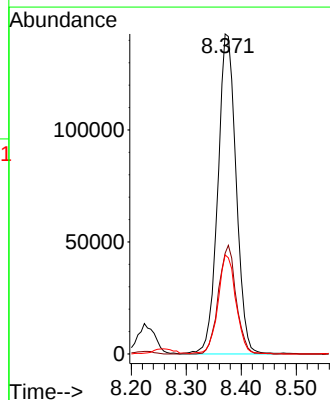
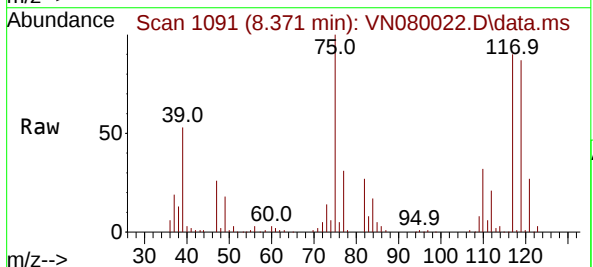
Delta R.T. -0.006 min

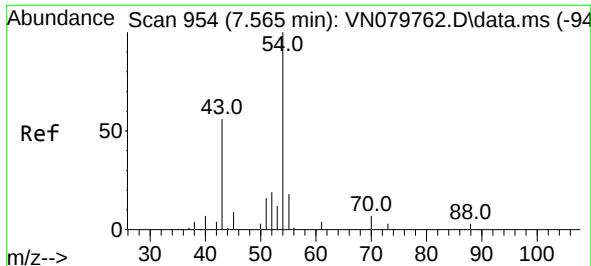
Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion: 75 Resp: 330274

Ion	Ratio	Lower	Upper
75	100		
110	32.8	19.1	57.3
77	30.4	25.0	37.4





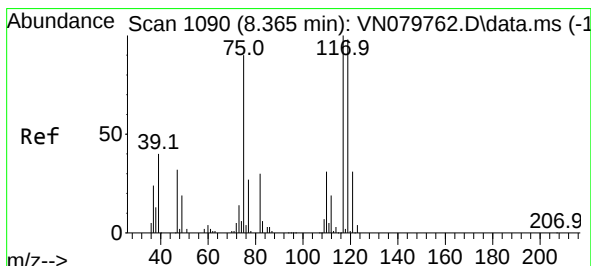
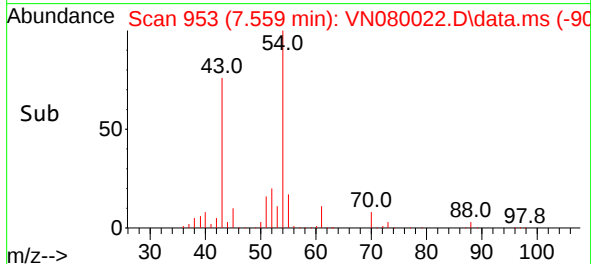
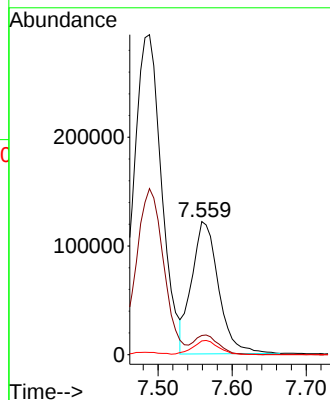
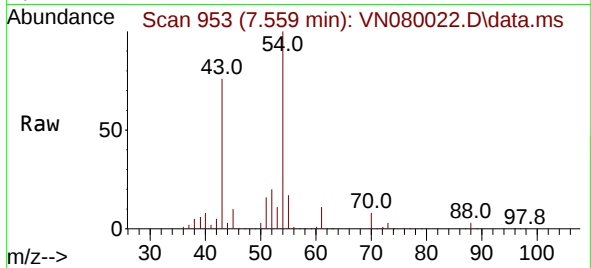
#37
Ethyl Acetate
Concen: 59.139 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 30582
Ion Ratio Lower Upper
43 100
61 13.4 13.2 19.8
70 10.4 11.3 16.9

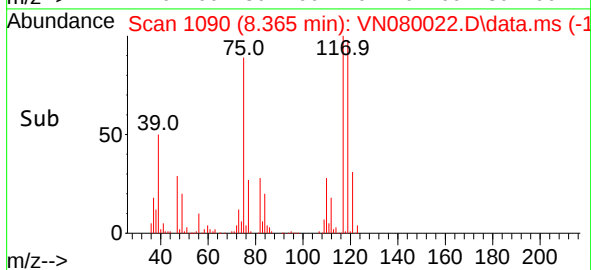
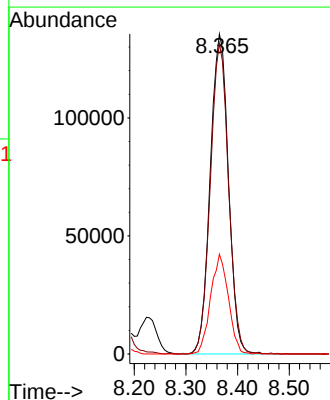
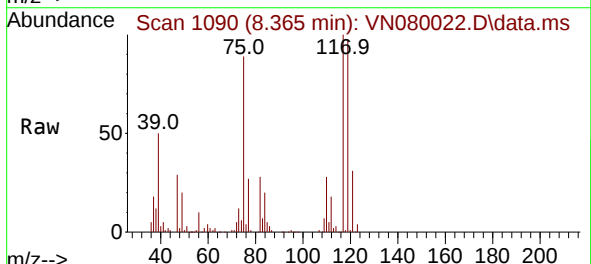
Manual Integrations
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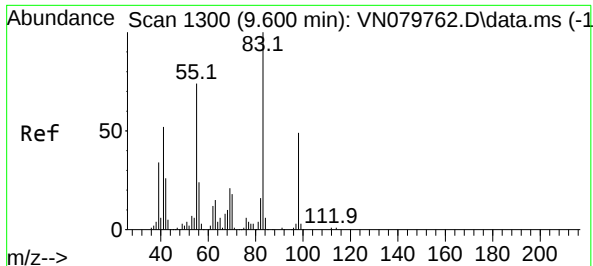
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#38
Carbon Tetrachloride
Concen: 58.450 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:117 Resp: 332152
Ion Ratio Lower Upper
117 100
119 97.1 77.3 115.9
121 31.1 23.3 34.9





#39

Methylcyclohexane

Concen: 55.098 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 292375

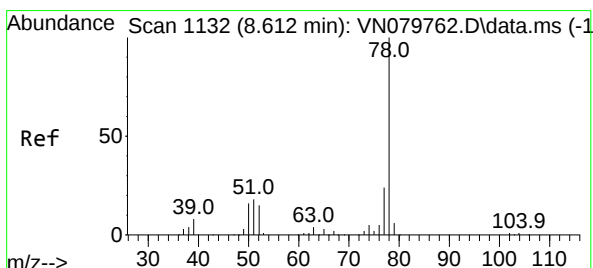
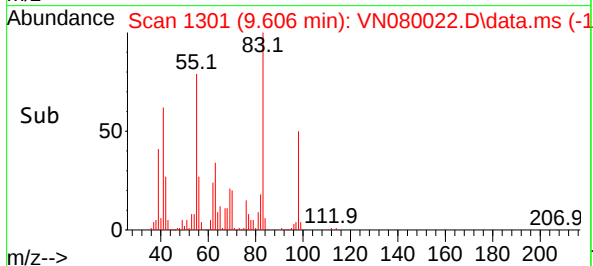
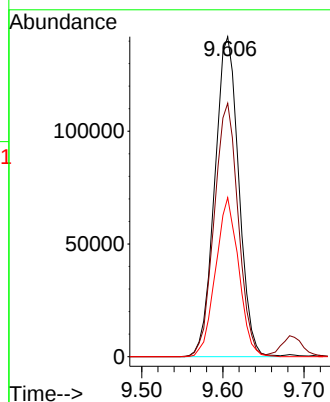
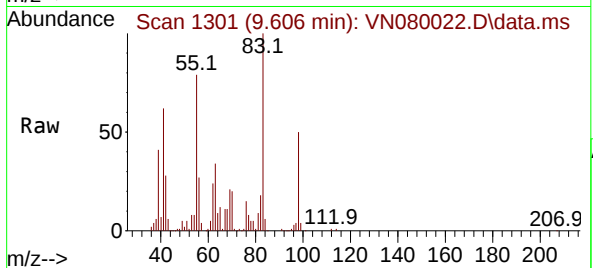
Ion	Ratio	Lower	Upper
83	100		
55	79.2	49.1	73.7
98	49.7	40.6	61.0

Manual Integrations

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Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#40

Benzene

Concen: 57.148 ug/l

RT: 8.606 min Scan# 1131

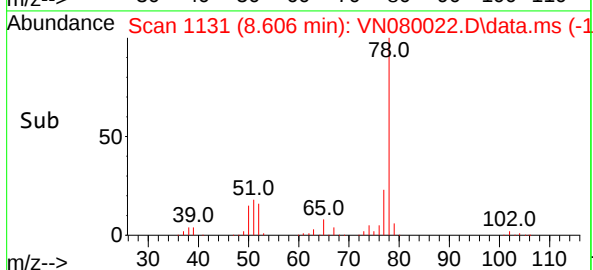
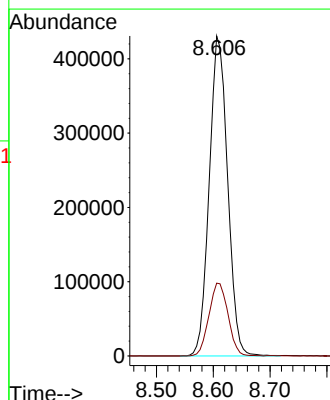
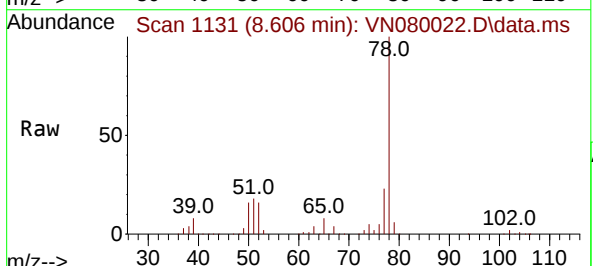
Delta R.T. -0.006 min

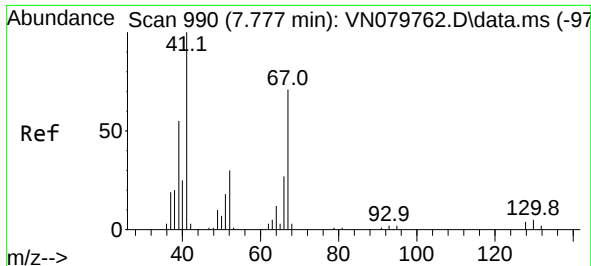
Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion: 78 Resp: 965144

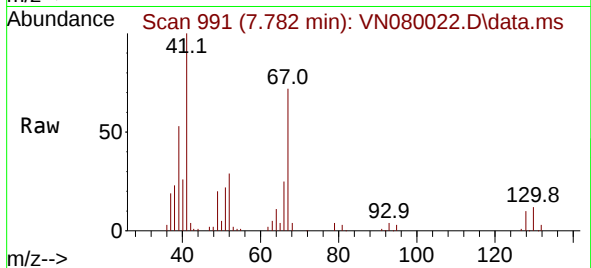
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





#41
Methacrylonitrile
Concen: 61.069 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

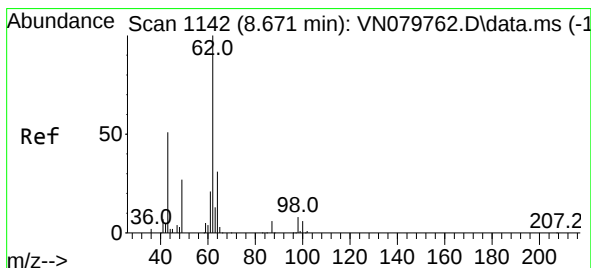
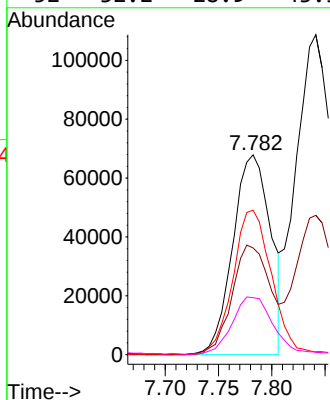
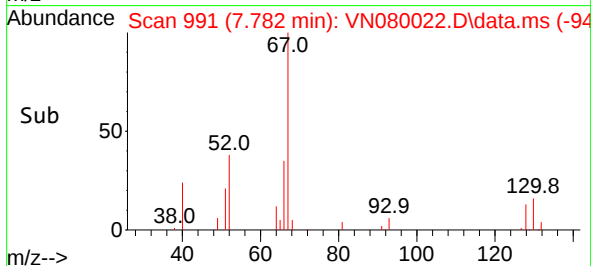
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



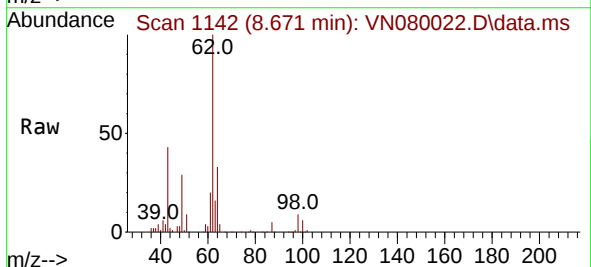
Tgt Ion: 41 Resp: 167699
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 74.3 77.5 116.3
52 32.2 28.9 43.3

Manual Integrations
APPROVED

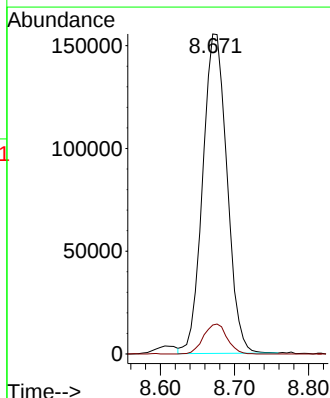
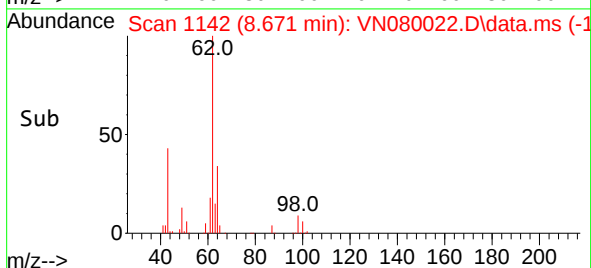
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

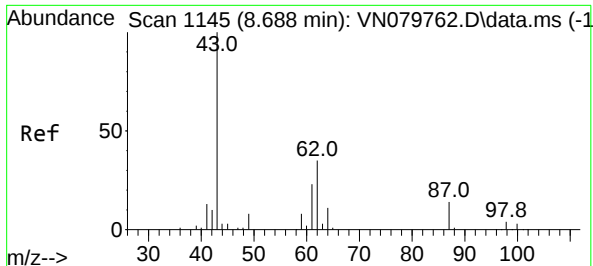


#42
1,2-Dichloroethane
Concen: 60.093 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 62 Resp: 354504
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 55.114 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 499818

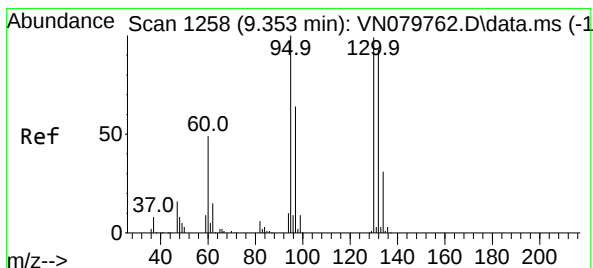
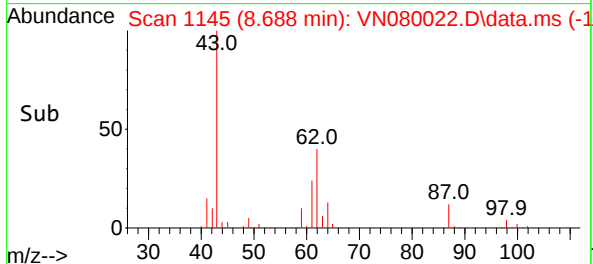
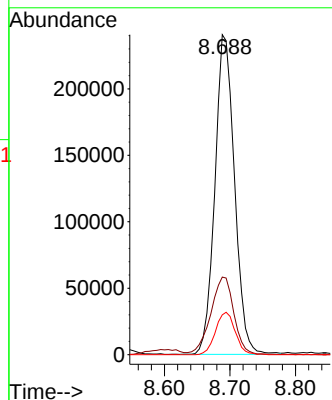
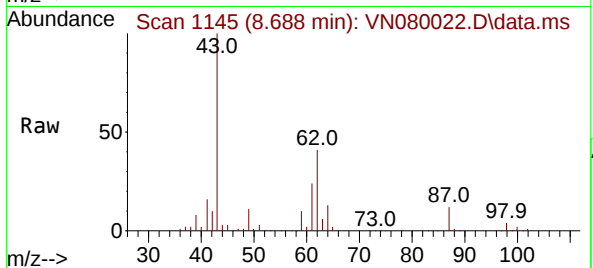
Ion	Ratio	Lower	Upper
43	100		
61	28.6	24.7	37.1
87	13.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#44

Trichloroethene

Concen: 55.912 ug/l

RT: 9.359 min Scan# 1259

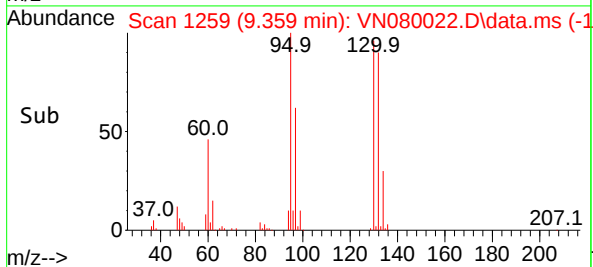
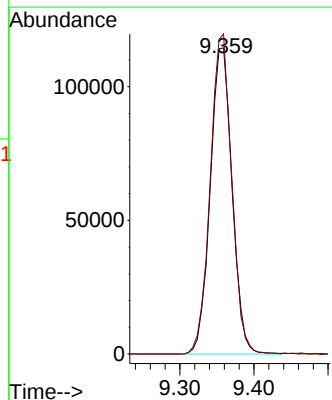
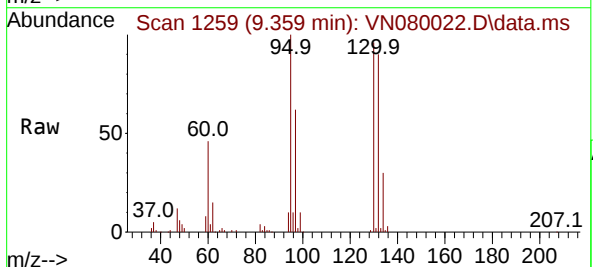
Delta R.T. 0.006 min

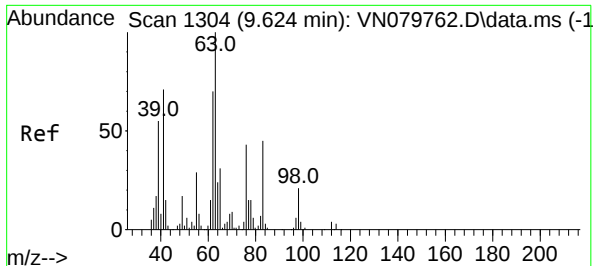
Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion:130 Resp: 234314

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 60.989 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 263220

Ion Ratio Lower Upper

63 100

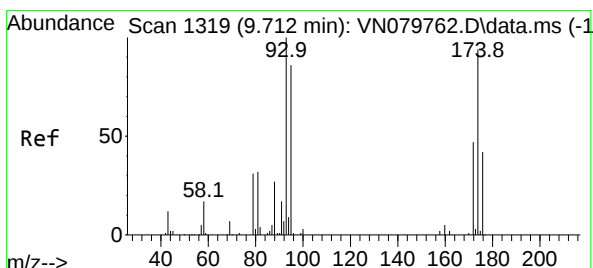
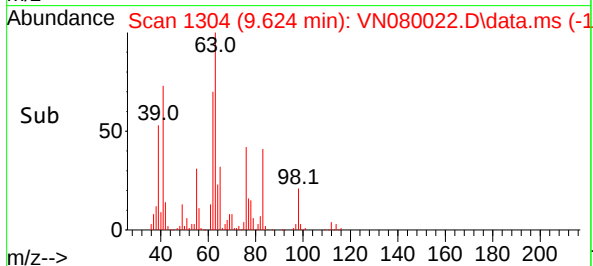
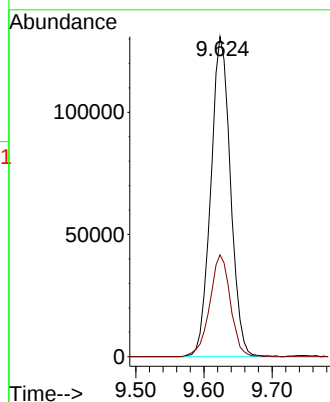
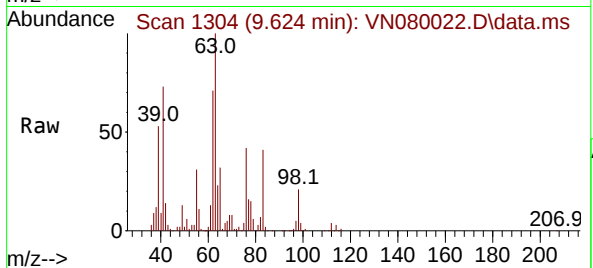
65 31.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#46

Dibromomethane

Concen: 57.746 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

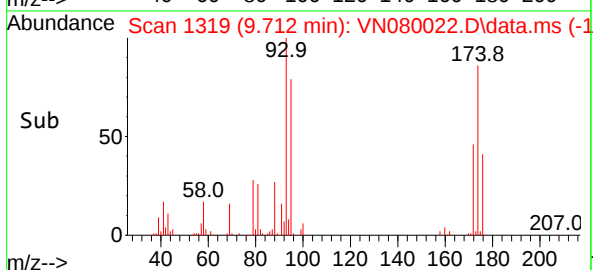
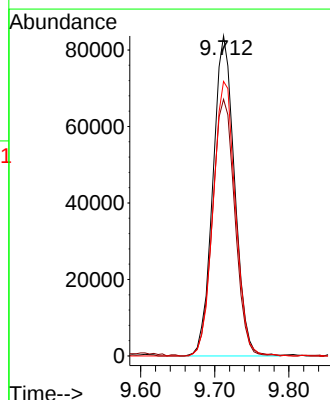
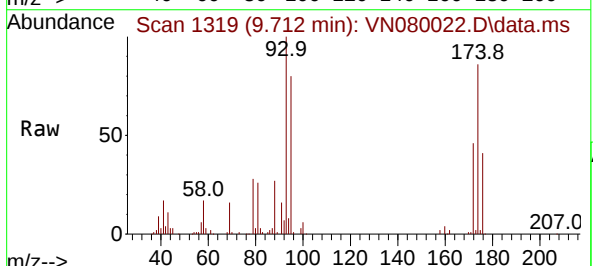
Tgt Ion: 93 Resp: 170176

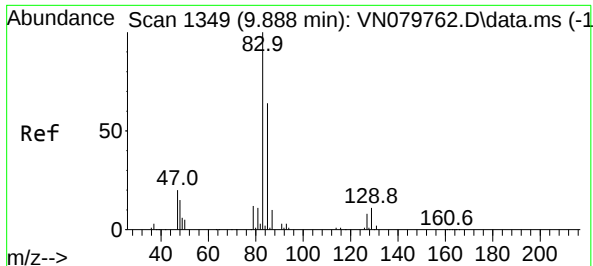
Ion Ratio Lower Upper

93 100

95 82.7 63.8 95.8

174 87.9 65.6 98.4





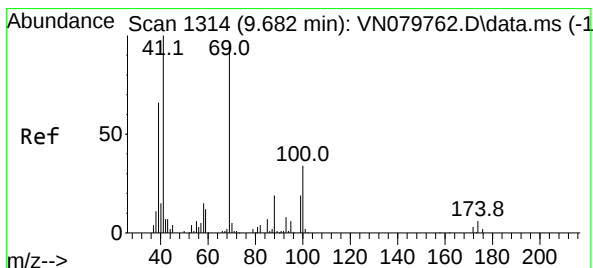
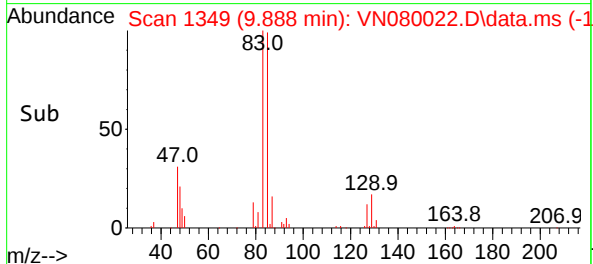
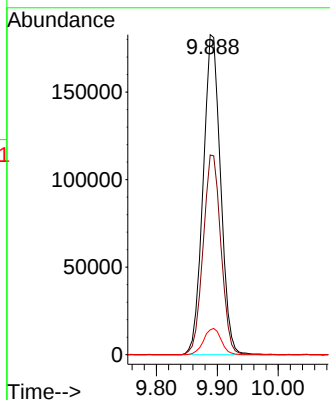
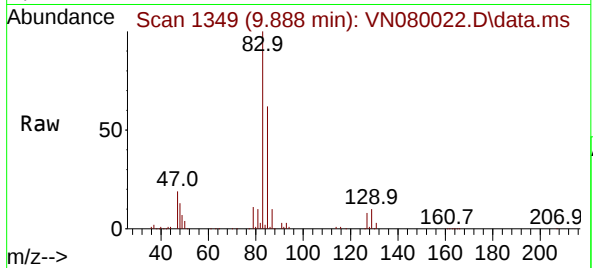
#47
Bromodichloromethane
Concen: 57.919 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 36401
Ion Ratio Lower Upper
83 100
85 62.4 49.6 74.4
127 7.7 7.0 10.6

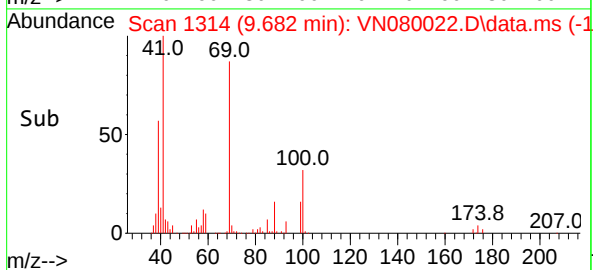
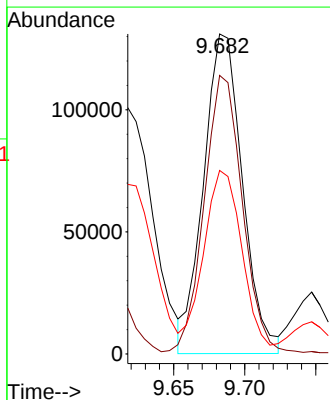
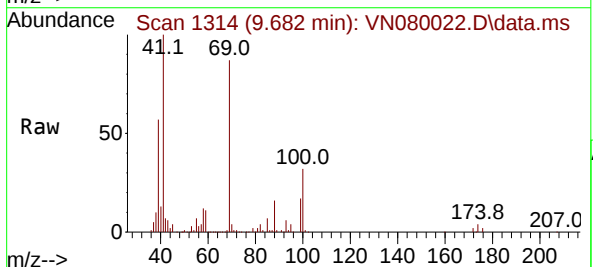
Manual Integrations
APPROVED

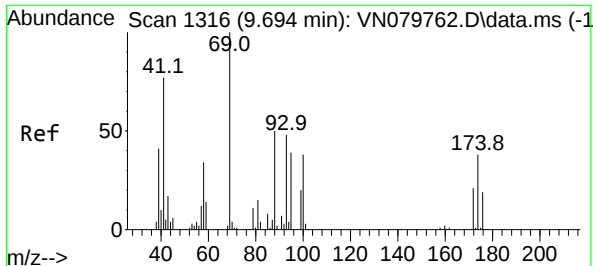
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#48
Methyl methacrylate
Concen: 62.743 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 41 Resp: 249230
Ion Ratio Lower Upper
41 100
69 85.4 90.4 135.6#
39 57.3 54.6 81.8





#49

1,4-Dioxane

Concen: 1123.215 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 78838

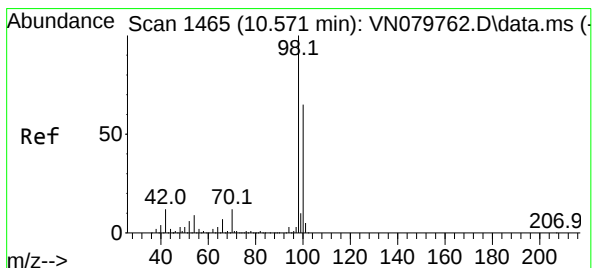
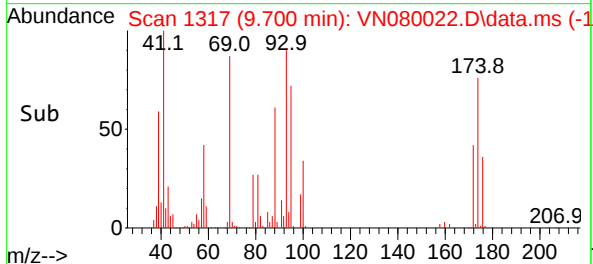
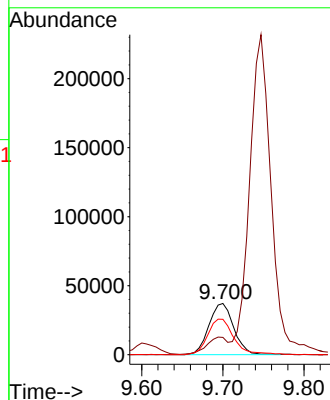
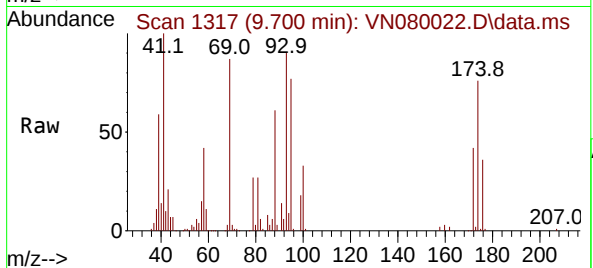
Ion	Ratio	Lower	Upper
88	100		
43	27.4	17.0	25.6
58	73.1	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#50

Toluene-d8

Concen: 54.391 ug/l

RT: 10.571 min Scan# 1465

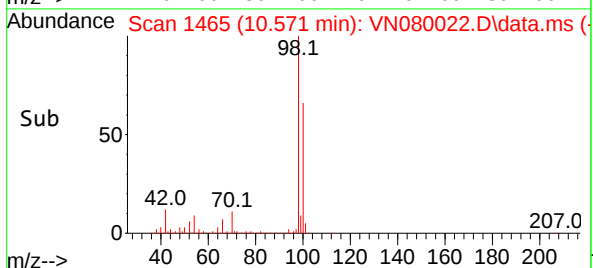
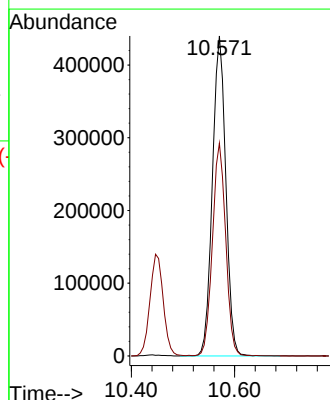
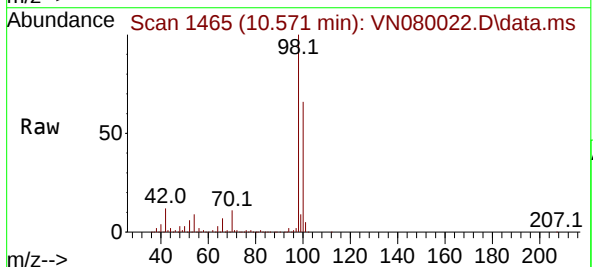
Delta R.T. 0.000 min

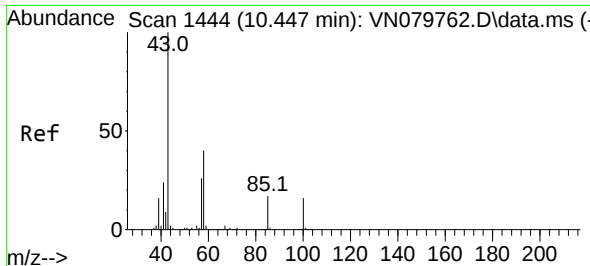
Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion: 98 Resp: 790735

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.0	78.0





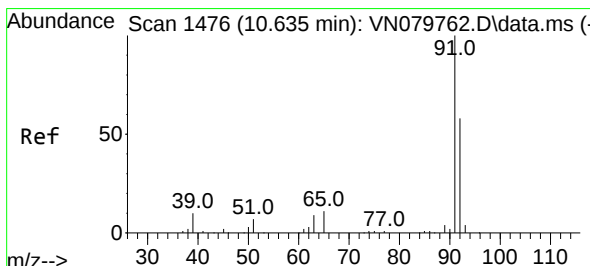
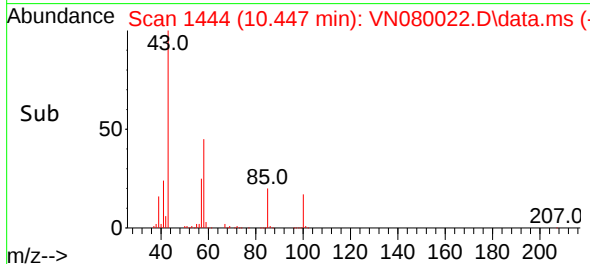
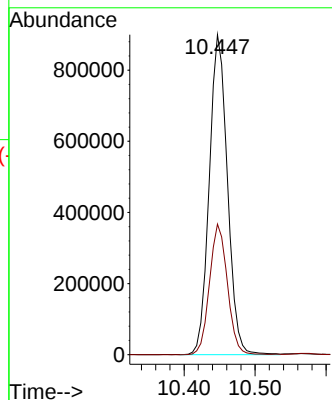
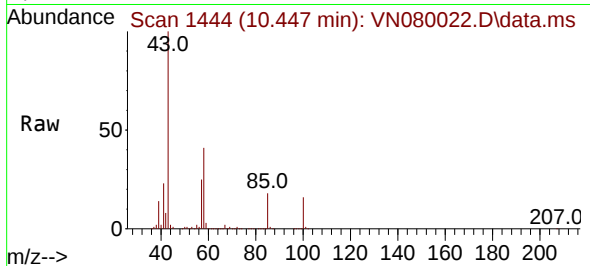
#51
4-Methyl-2-Pentanone
Concen: 313.102 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 159859
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8

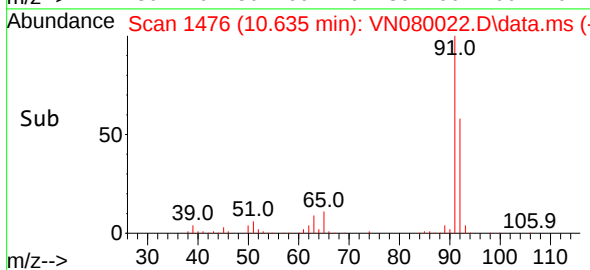
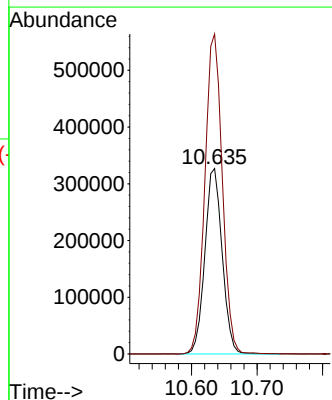
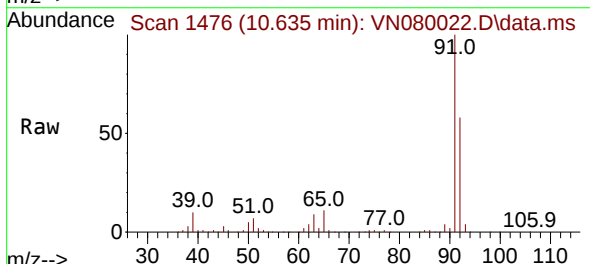
Manual Integrations
APPROVED

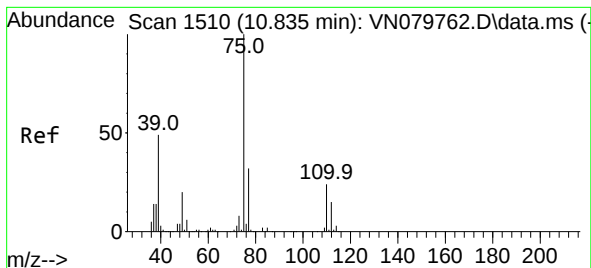
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#52
Toluene
Concen: 59.968 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion: 92 Resp: 600409
Ion Ratio Lower Upper
92 100
91 173.5 137.4 206.0





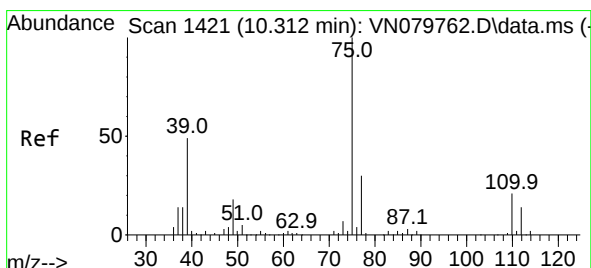
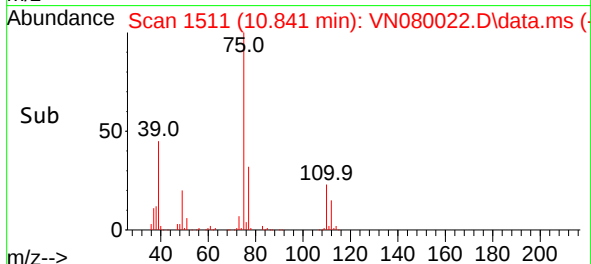
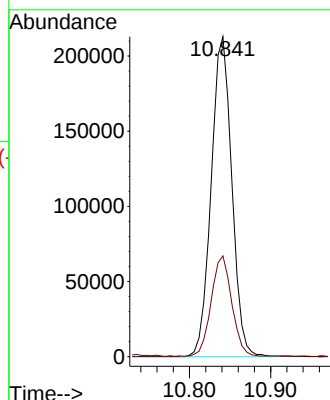
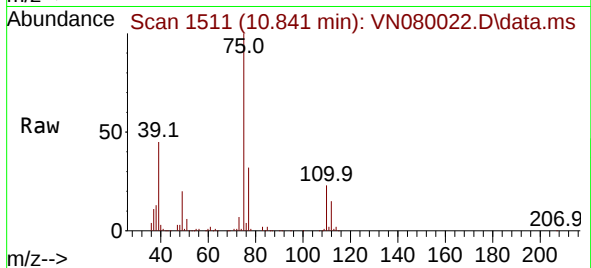
#53
t-1,3-Dichloropropene
Concen: 60.881 ug/l
RT: 10.841 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 37510
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

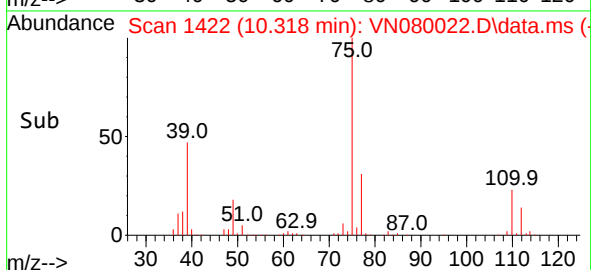
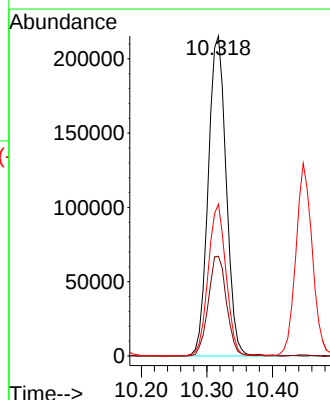
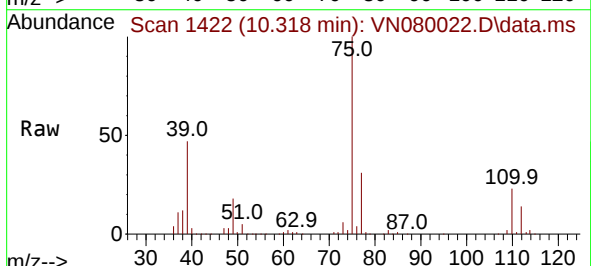
Manual Integrations
APPROVED

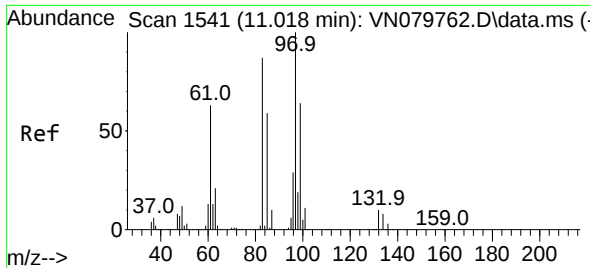
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#54
cis-1,3-Dichloropropene
Concen: 61.082 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

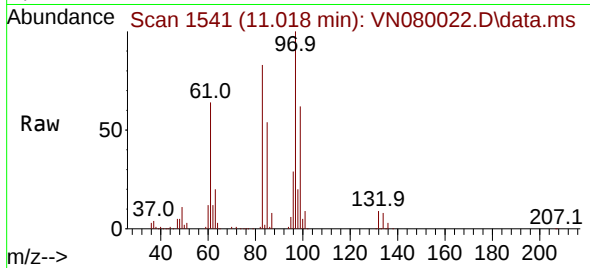
Tgt Ion: 75 Resp: 410207
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 47.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 61.212 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

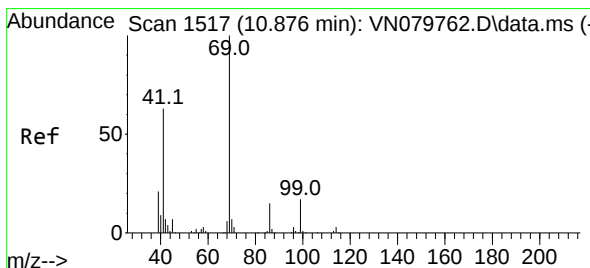
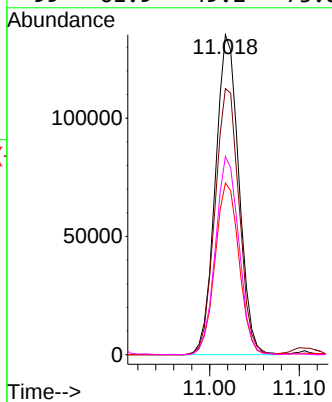
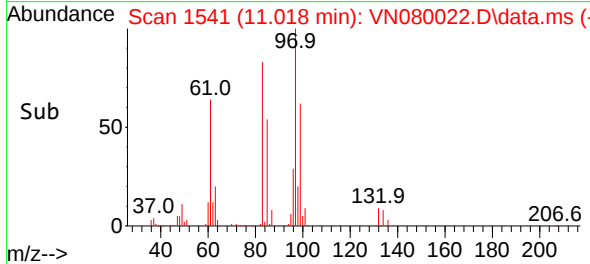
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



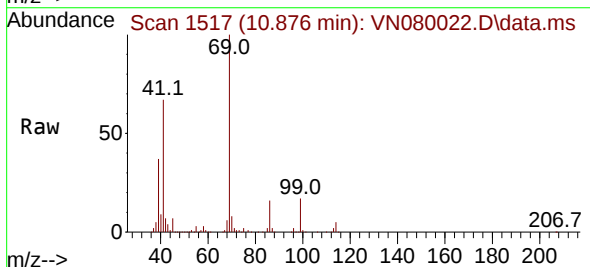
Tgt Ion: 97 Resp: 246500
Ion Ratio Lower Upper
97 100
83 83.2 65.1 97.7
85 53.7 43.4 65.2
99 61.9 49.2 73.8

Manual Integrations
APPROVED

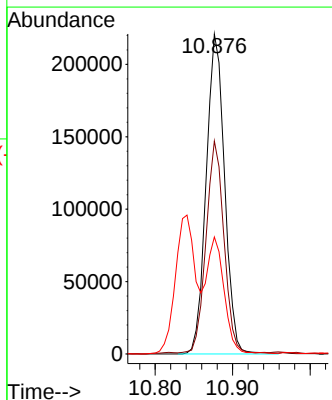
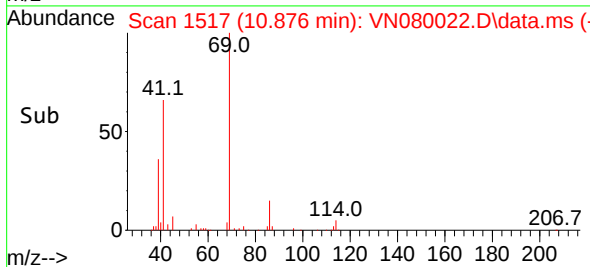
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

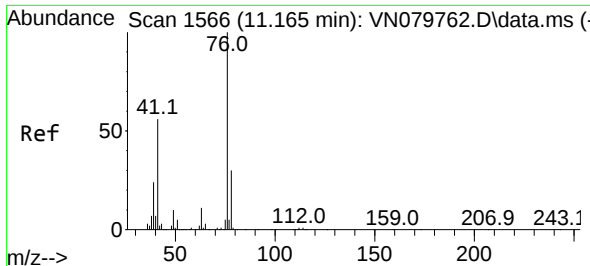


#56
Ethyl methacrylate
Concen: 63.625 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 69 Resp: 365476
Ion Ratio Lower Upper
69 100
41 64.0 39.6 59.4#
39 34.6 28.6 43.0





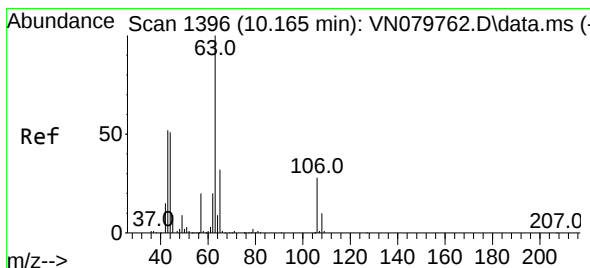
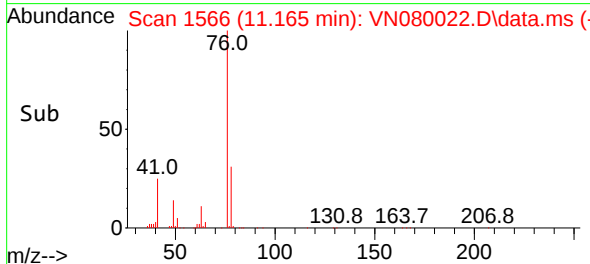
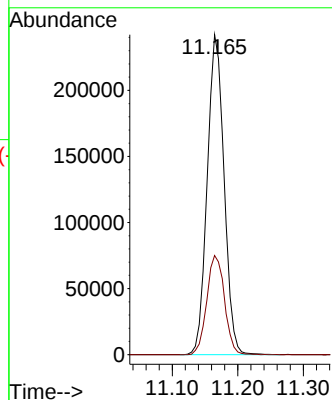
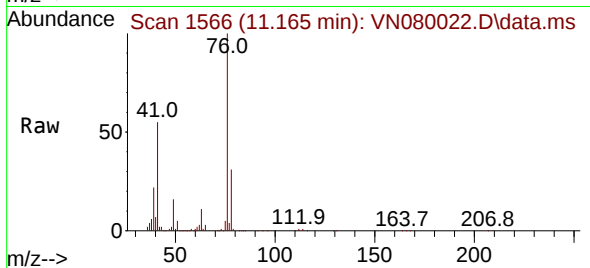
#57
1,3-Dichloropropane
Concen: 60.984 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 432880
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

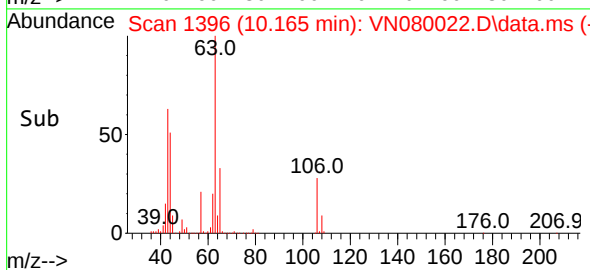
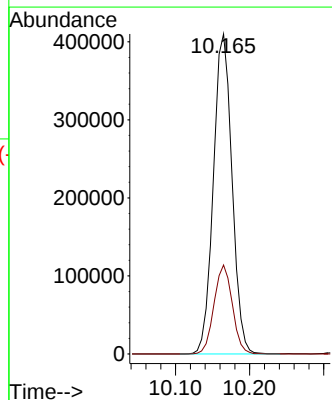
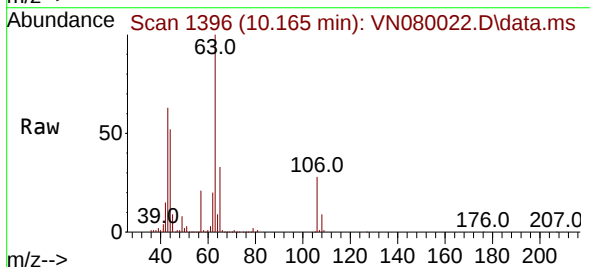
Manual Integrations
APPROVED

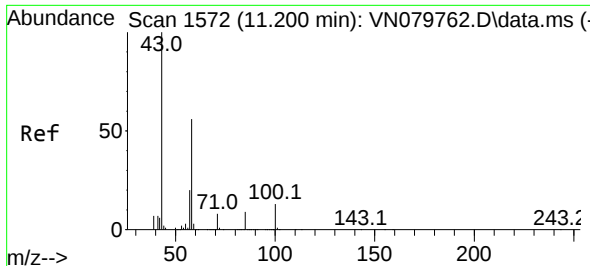
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#58
2-Chloroethyl Vinyl ether
Concen: 246.021 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

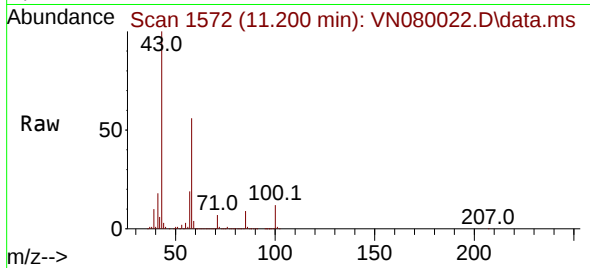
Tgt Ion: 63 Resp: 716257
Ion Ratio Lower Upper
63 100
106 27.3 26.2 39.4





#59
2-Hexanone
Concen: 303.652 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

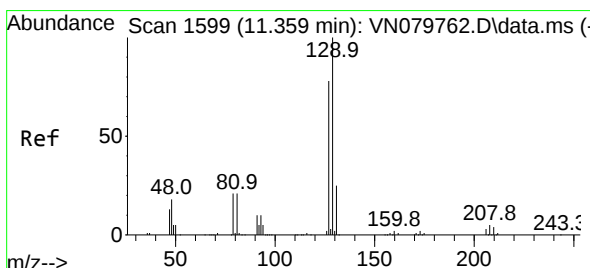
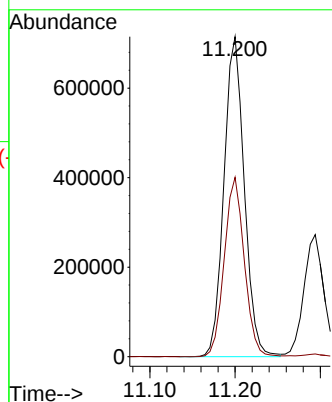
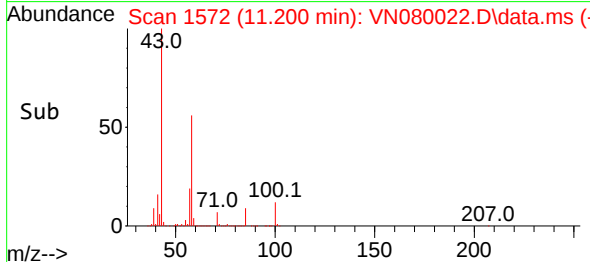
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



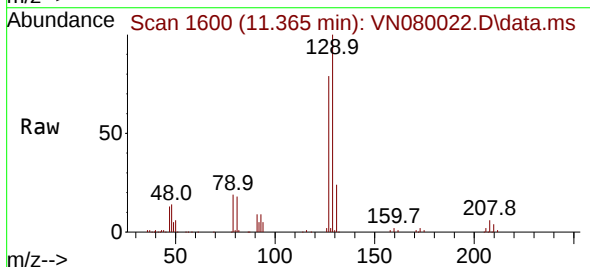
Tgt Ion: 43 Resp: 1186014
Ion Ratio Lower Upper
43 100
58 55.3 31.7 95.1

Manual Integrations
APPROVED

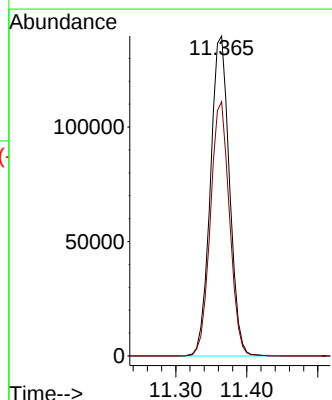
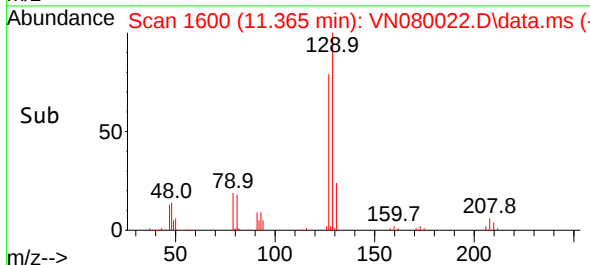
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

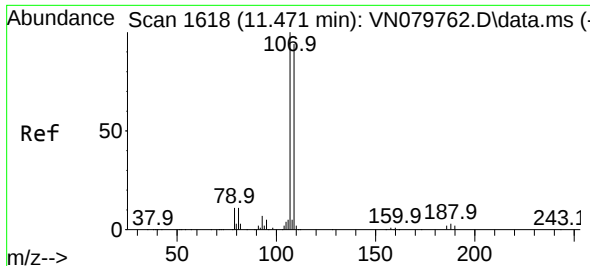


#60
Dibromochloromethane
Concen: 60.323 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



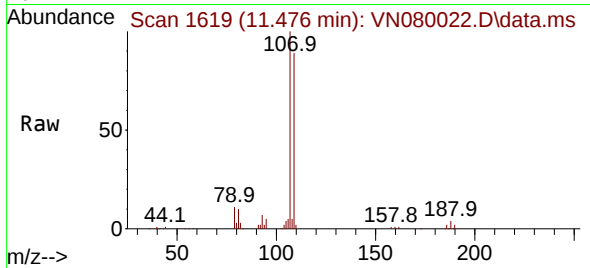
Tgt Ion:129 Resp: 260029
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 58.131 ug/l
RT: 11.476 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

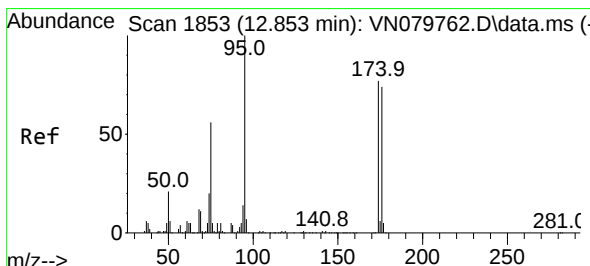
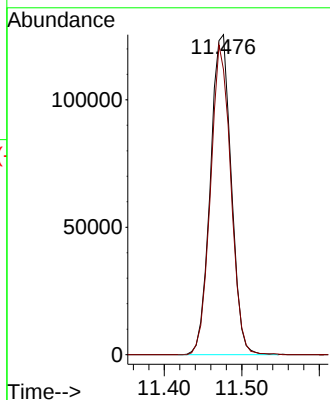
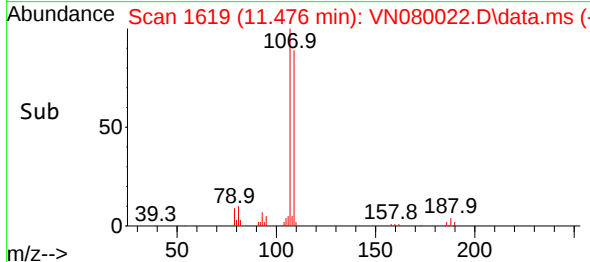
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



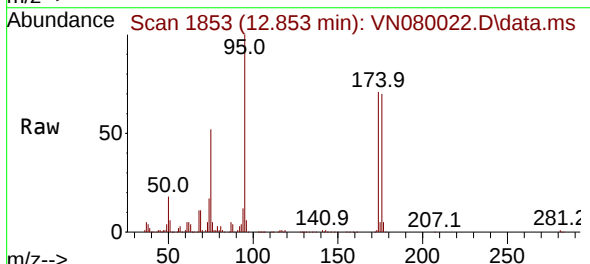
Tgt Ion:107 Resp: 234962
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

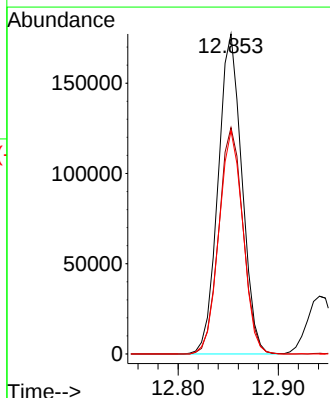
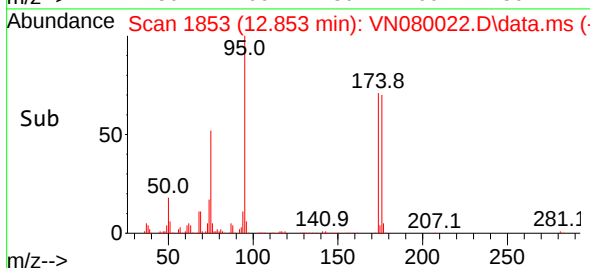
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

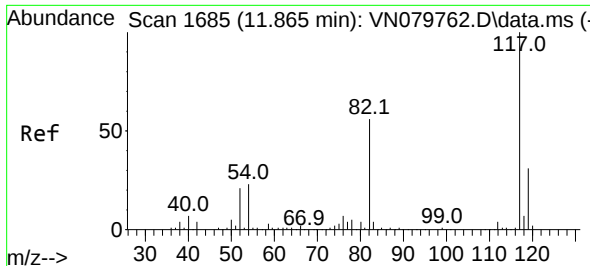


#62
4-Bromofluorobenzene
Concen: 60.602 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 95 Resp: 292192
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 70.3 0.0 135.8





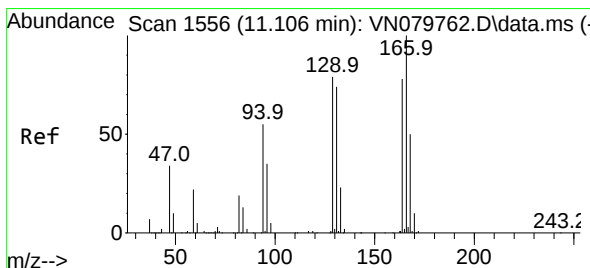
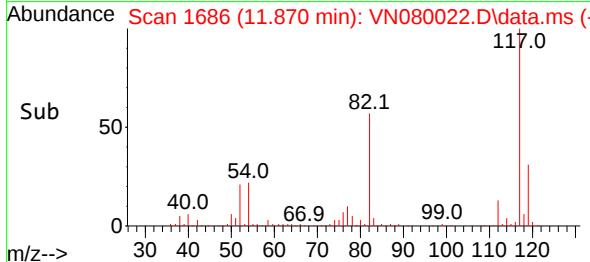
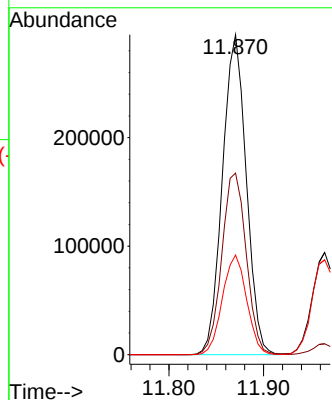
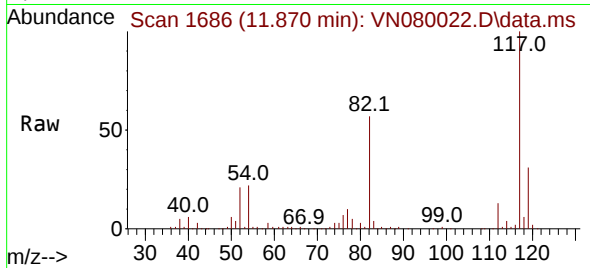
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 51566
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 31.2 25.6 38.4

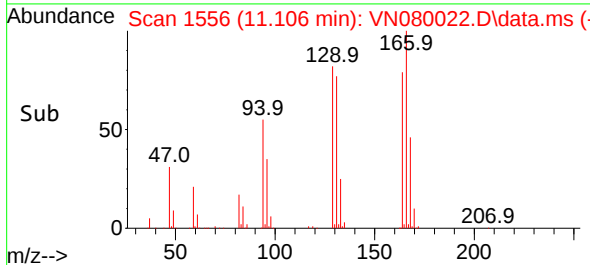
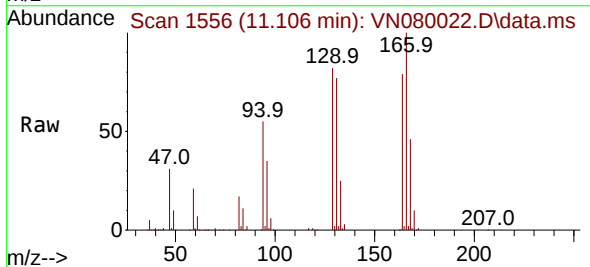
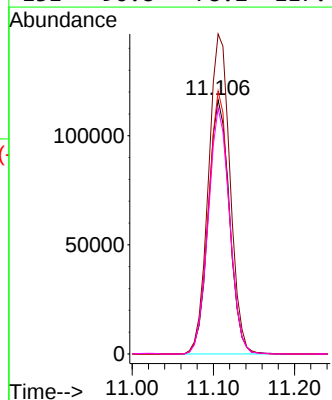
Manual Integrations
APPROVED

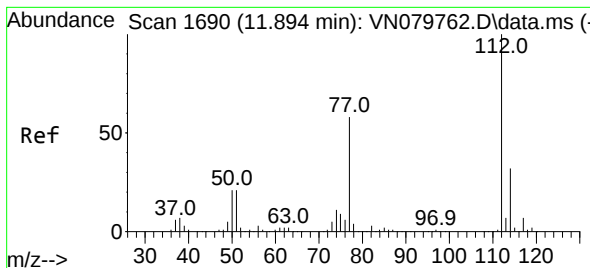
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#64
Tetrachloroethene
Concen: 63.034 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:164 Resp: 210515
Ion Ratio Lower Upper
164 100
166 126.0 101.4 152.0
129 103.5 82.4 123.6
131 96.8 78.2 117.4





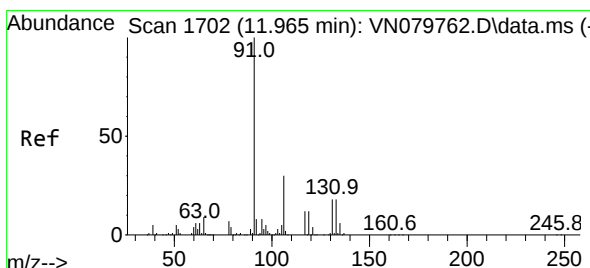
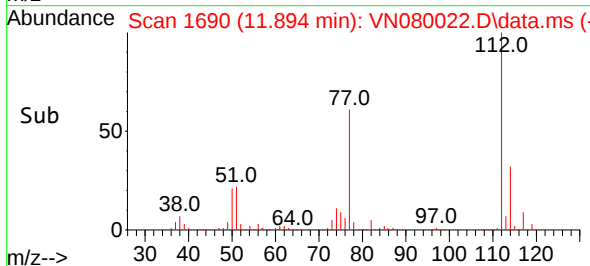
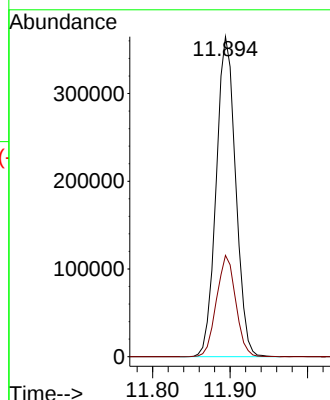
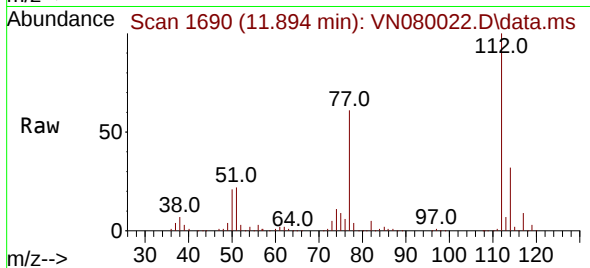
#65
Chlorobenzene
Concen: 56.995 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 637524
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4

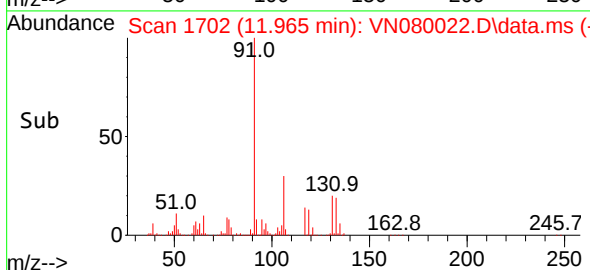
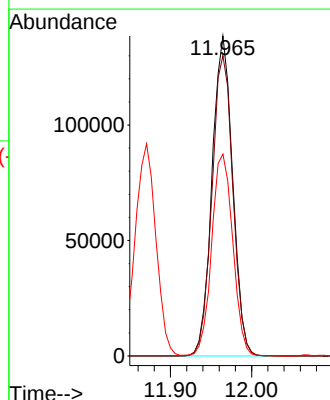
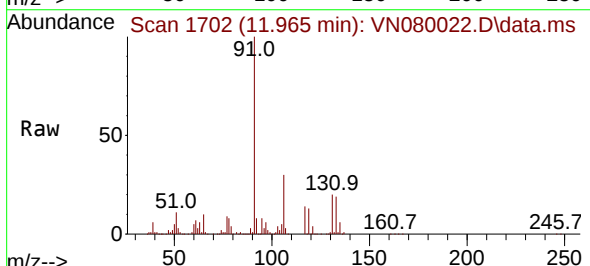
Manual Integrations
APPROVED

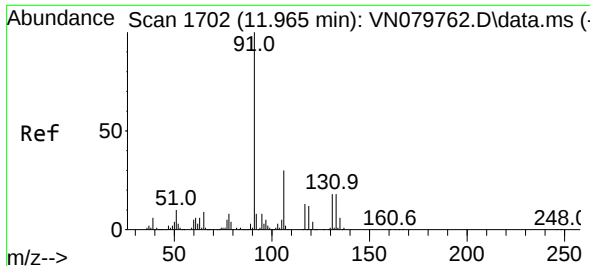
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 60.424 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

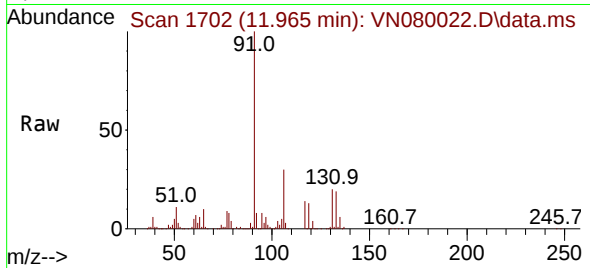
Tgt Ion:131 Resp: 243515
Ion Ratio Lower Upper
131 100
133 95.6 46.4 139.1
119 64.9 34.1 102.2





#67
Ethyl Benzene
Concen: 59.631 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

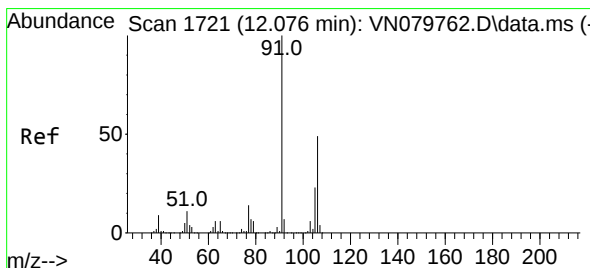
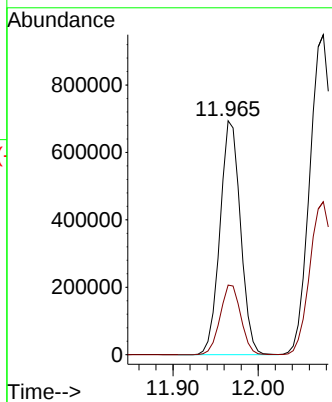
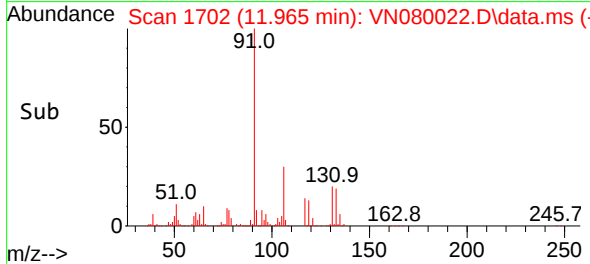
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 116210
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

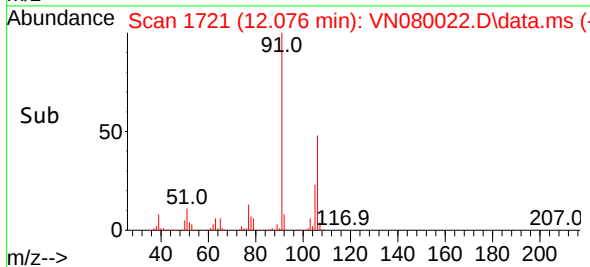
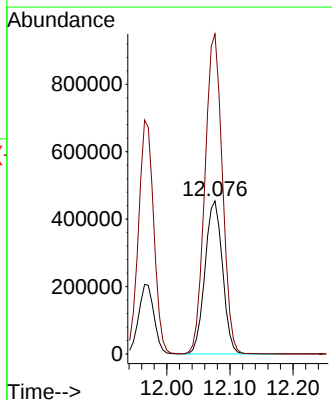
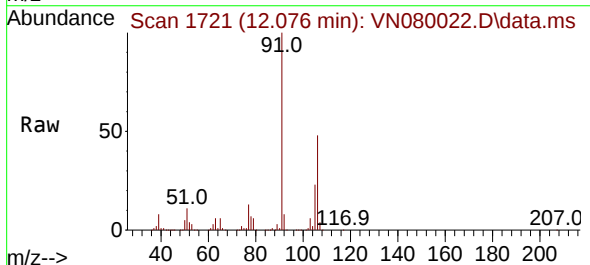
Manual Integrations
APPROVED

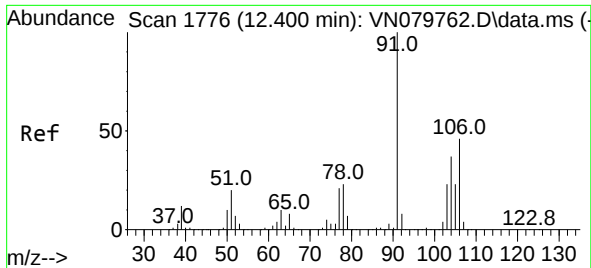
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#68
m/p-Xylenes
Concen: 120.450 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Tgt Ion:106 Resp: 874433
Ion Ratio Lower Upper
106 100
91 207.9 159.6 239.4





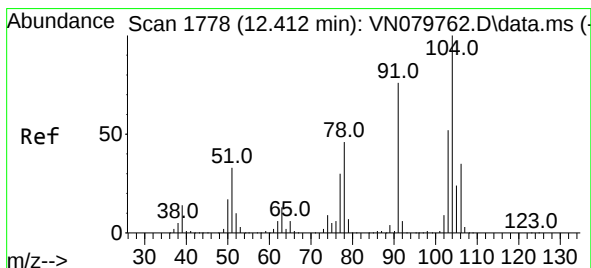
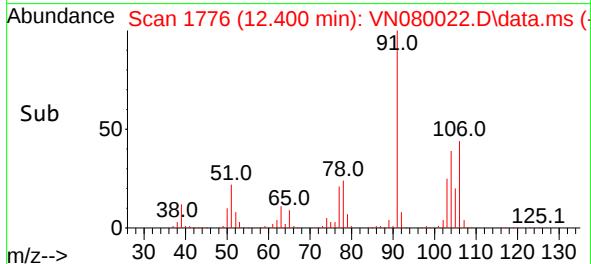
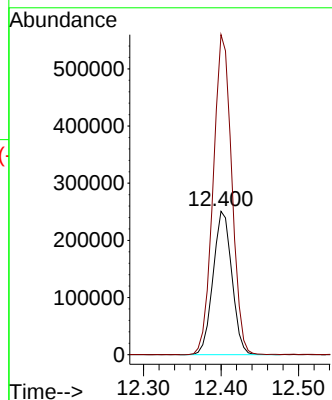
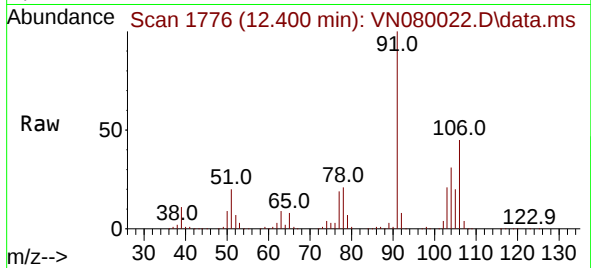
#69
o-Xylene
Concen: 60.420 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 422380
Ion Ratio Lower Upper
106 100
91 221.1 105.2 315.5

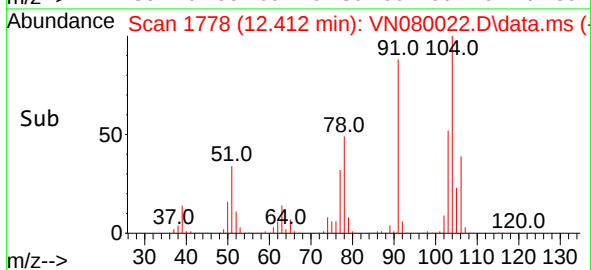
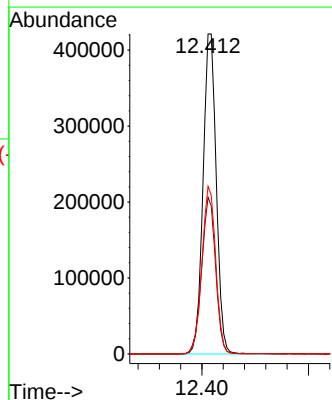
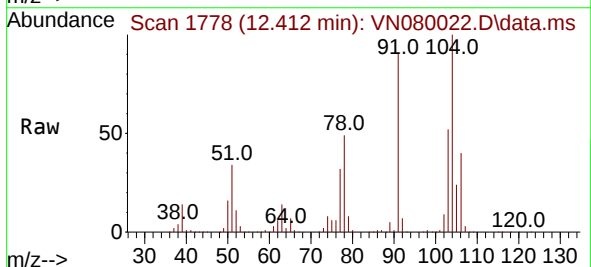
Manual Integrations
APPROVED

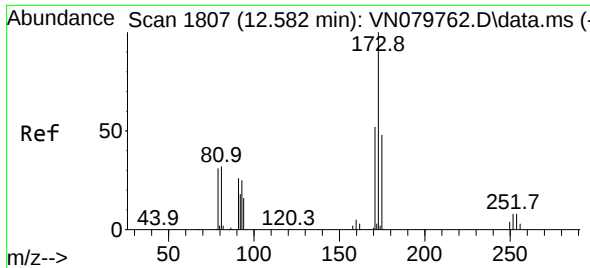
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#70
Styrene
Concen: 64.496 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

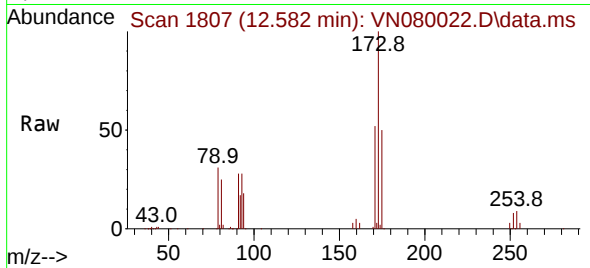
Tgt Ion:104 Resp: 724596
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 54.8 43.2 64.8





#71
Bromoform
Concen: 60.204 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

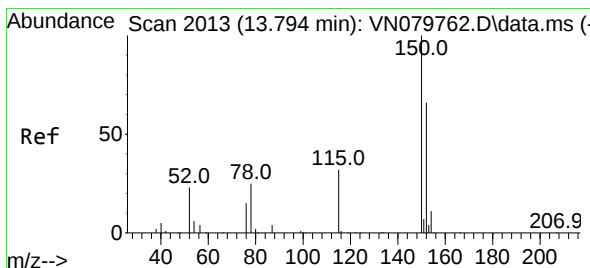
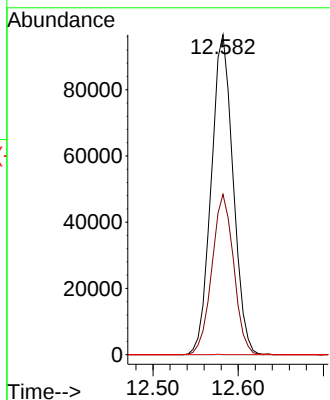
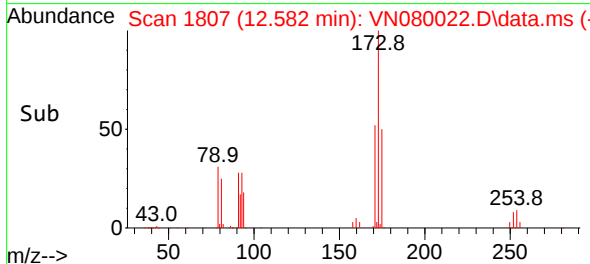
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



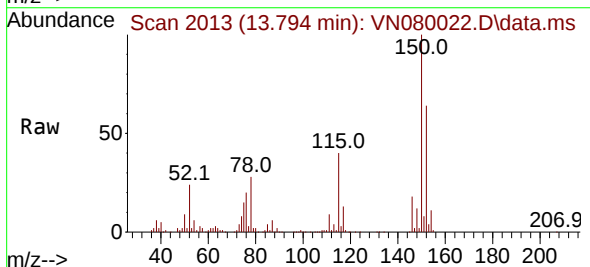
Tgt Ion:173 Resp: 172285
Ion Ratio Lower Upper
173 100
175 49.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

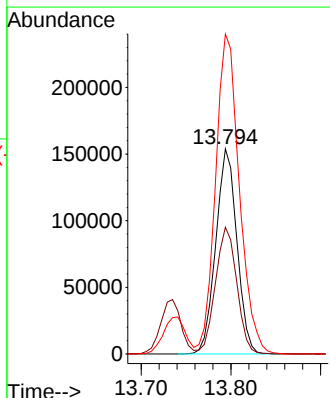
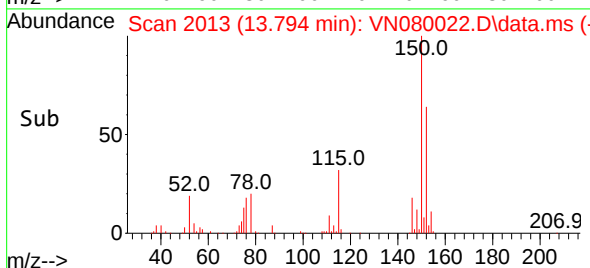
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

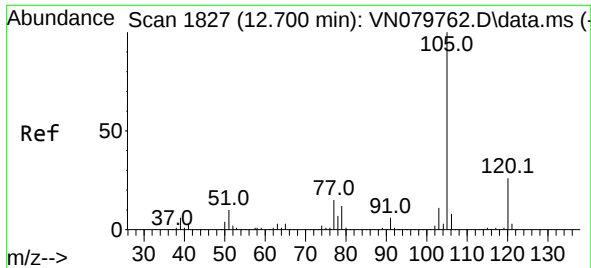


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion:152 Resp: 251284
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 175.8 0.0 355.8





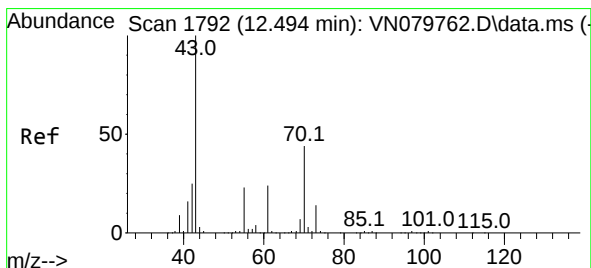
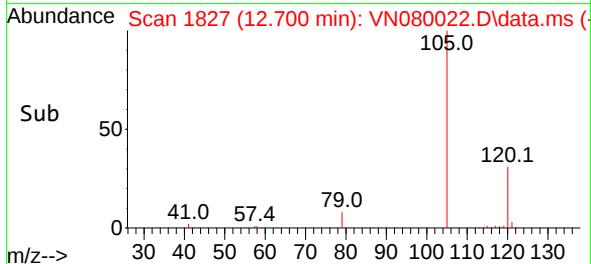
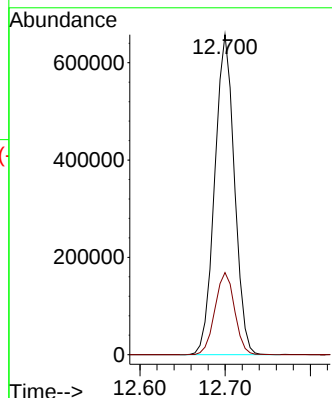
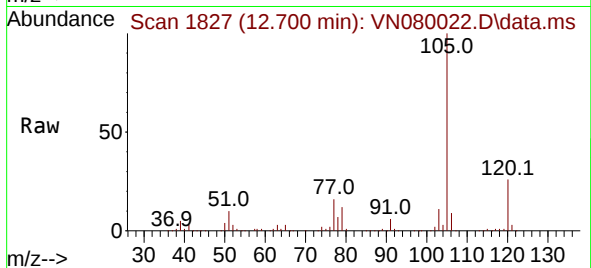
#73
Isopropylbenzene
Concen: 55.245 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 105 Resp: 1053572
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

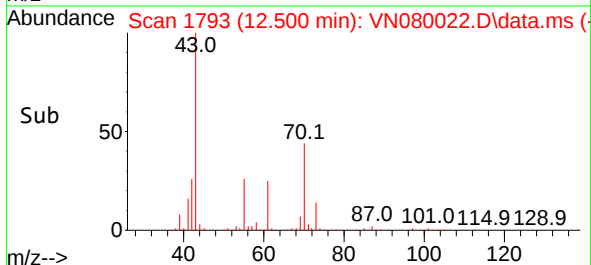
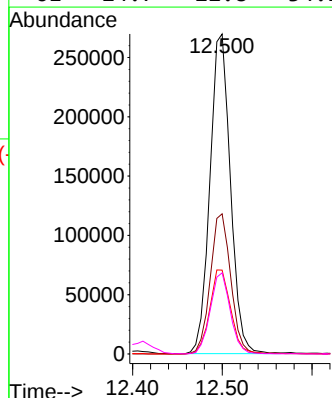
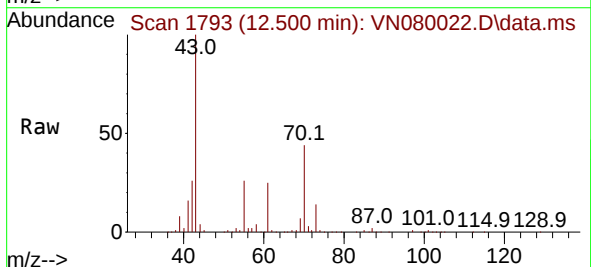
Manual Integrations
APPROVED

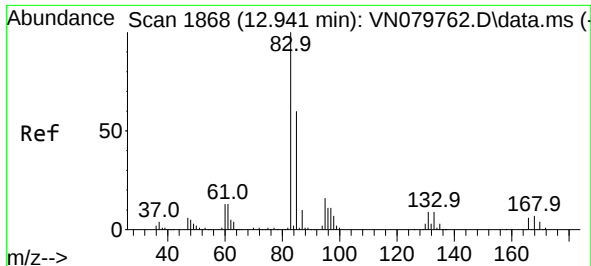
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#74
N-ethyl acetate
Concen: 51.413 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

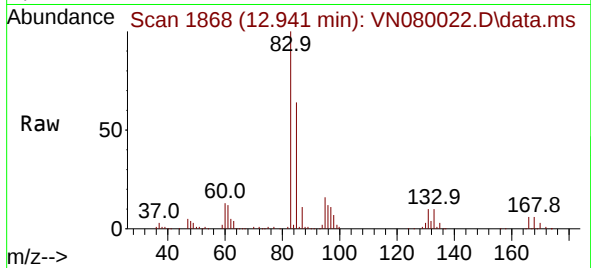
Tgt Ion: 43 Resp: 427975
Ion Ratio Lower Upper
43 100
70 43.8 43.4 65.2
55 27.3 21.4 32.0
61 24.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.750 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

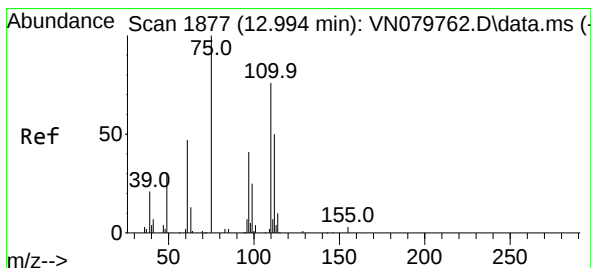
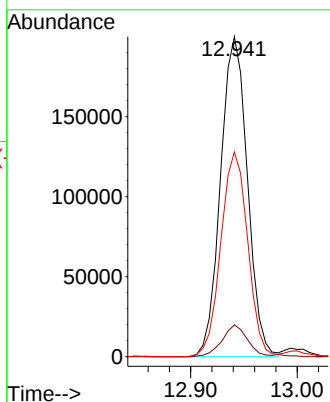
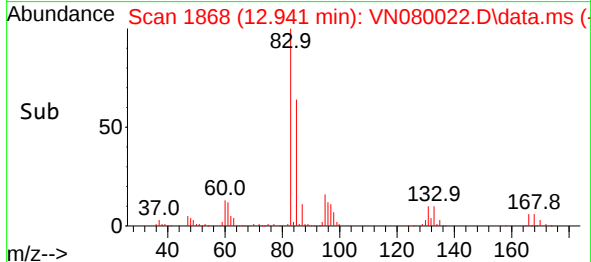
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



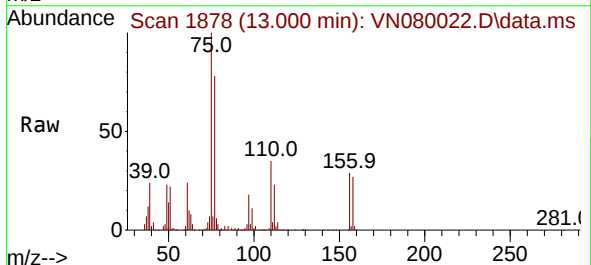
Tgt Ion: 83 Resp: 34992
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.8 31.9 95.7

Manual Integrations
APPROVED

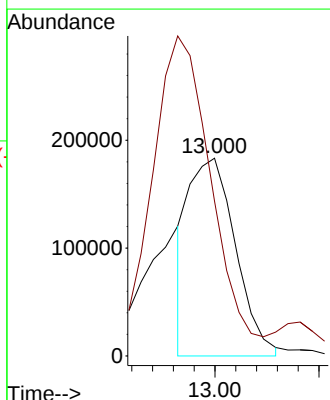
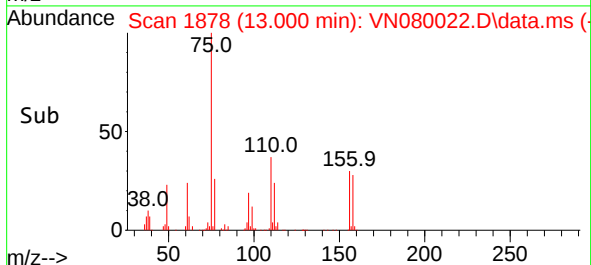
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

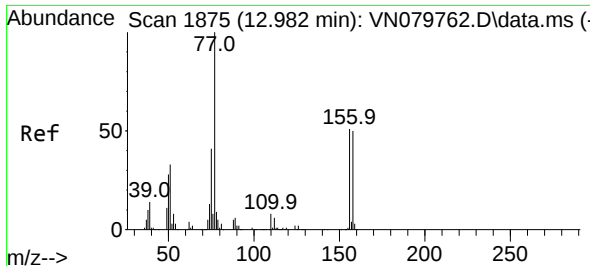


#76
1,2,3-Trichloropropane
Concen: 48.584 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



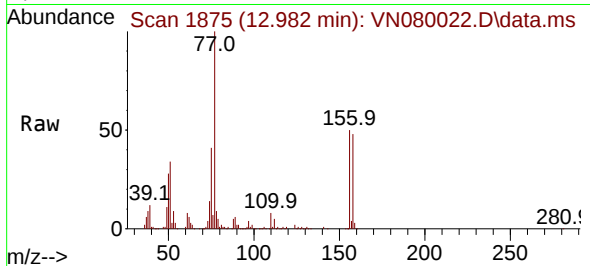
Tgt Ion: 75 Resp: 286619
Ion Ratio Lower Upper
75 100
77 207.2 84.5 253.5





#77
Bromobenzene
Concen: 54.856 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

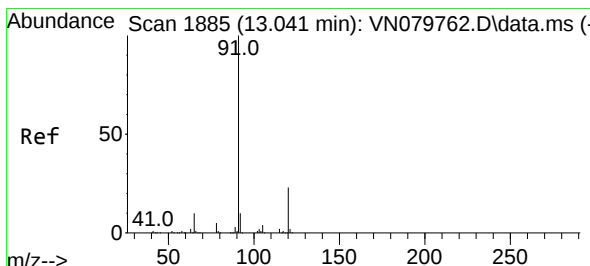
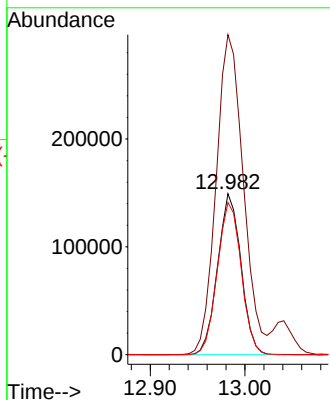
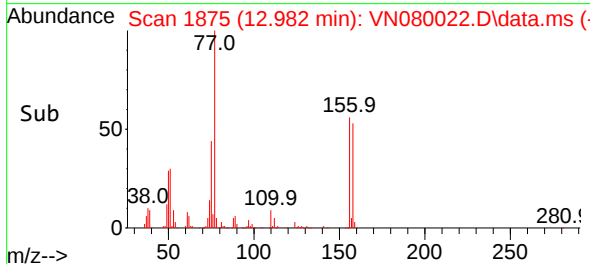
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



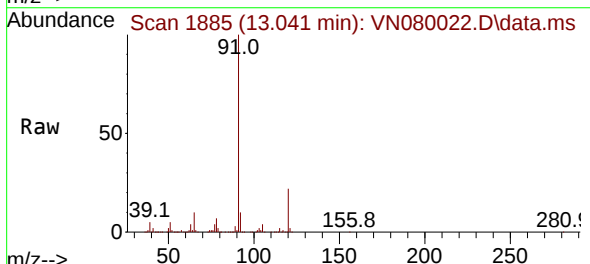
Tgt Ion:156 Resp: 256128
Ion Ratio Lower Upper
156 100
77 231.9 107.7 323.3
158 96.5 48.4 145.3

Manual Integrations
APPROVED

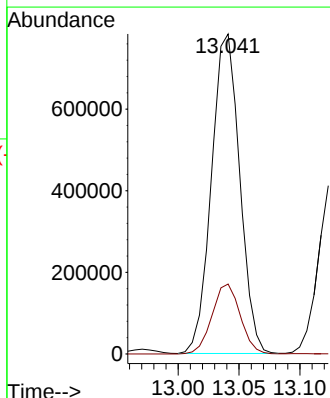
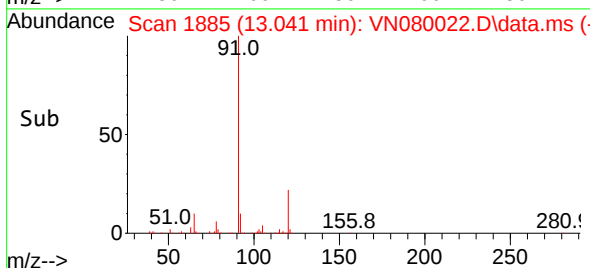
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

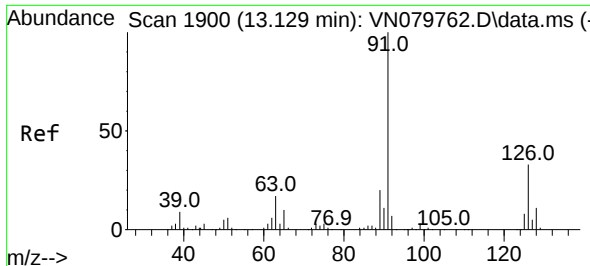


#78
n-propylbenzene
Concen: 58.003 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion: 91 Resp: 1266744
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





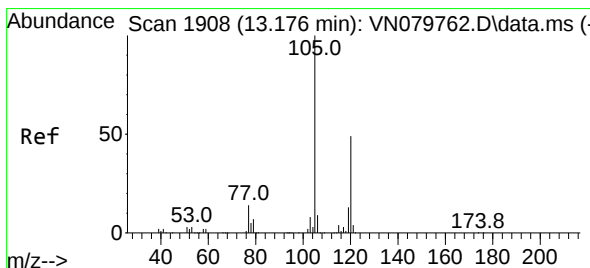
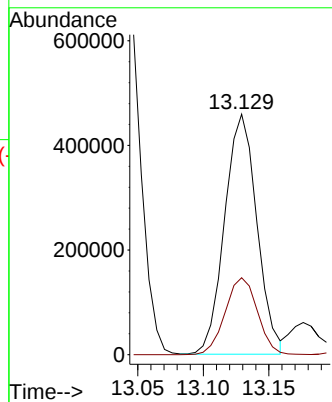
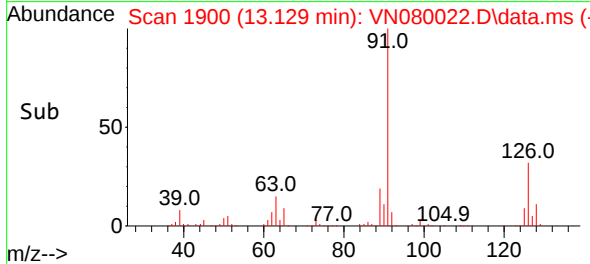
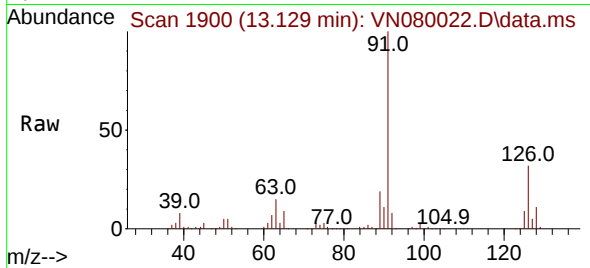
#79
2-Chlorotoluene
Concen: 56.324 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 785800
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

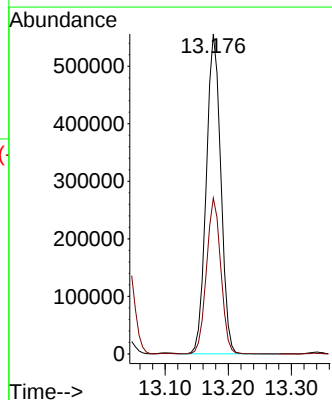
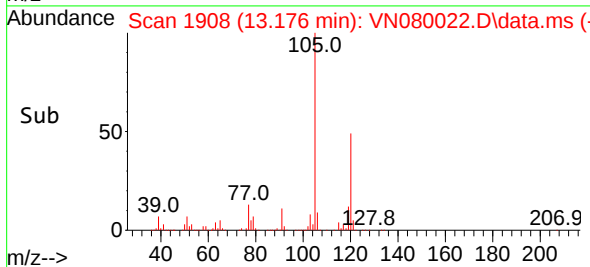
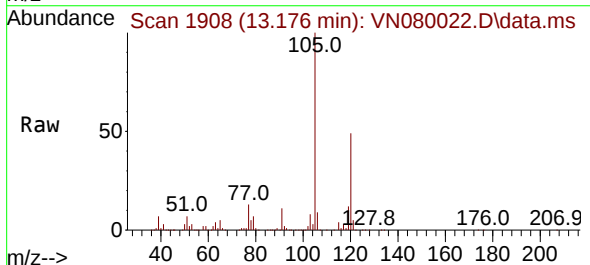
Manual Integrations
APPROVED

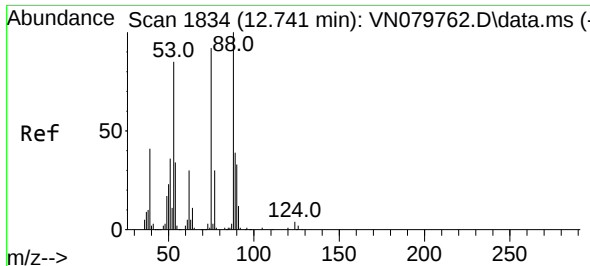
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 59.702 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

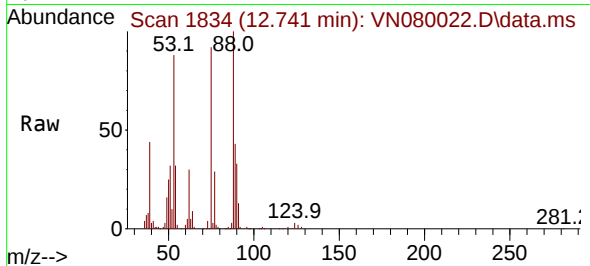
Tgt Ion:105 Resp: 885841
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 58.150 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

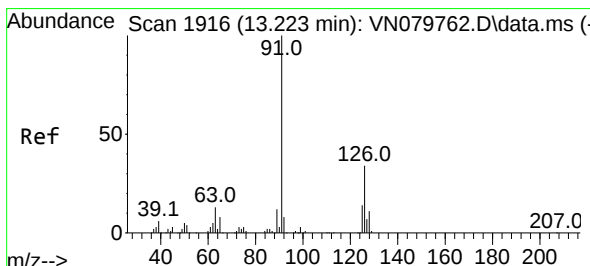
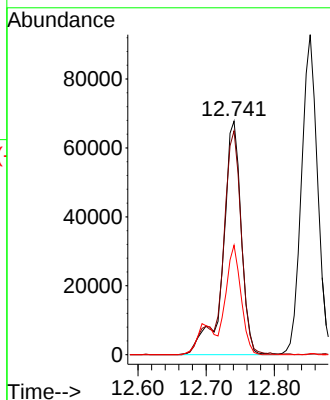
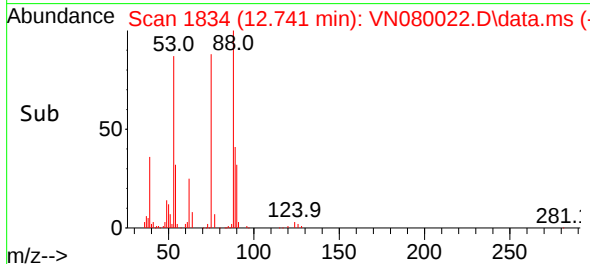
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 12608
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.2
89 38.6 38.8 58.2

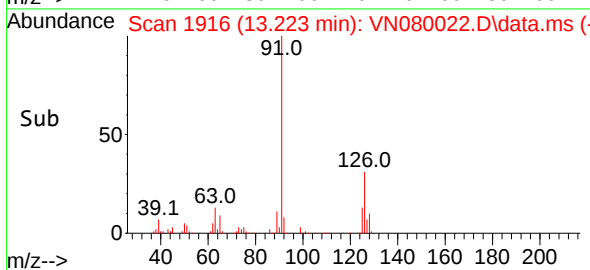
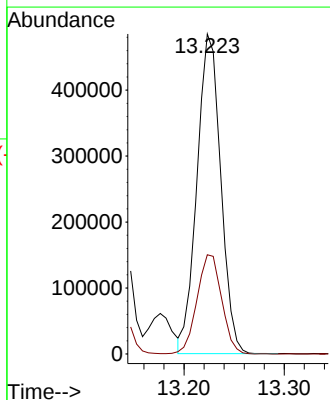
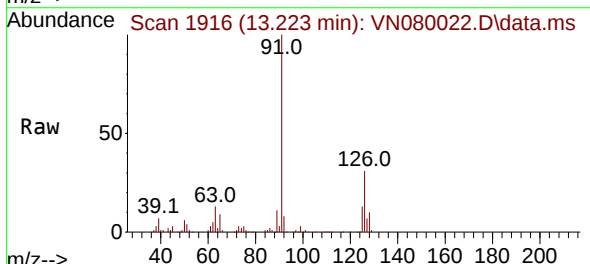
Manual Integrations
APPROVED

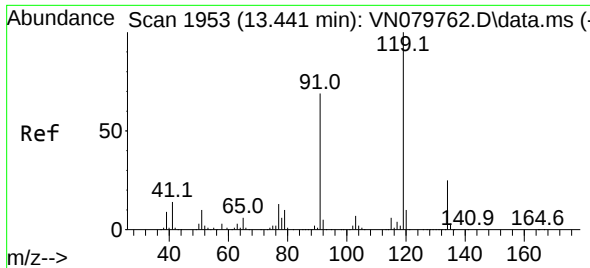
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#82
4-Chlorotoluene
Concen: 57.687 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

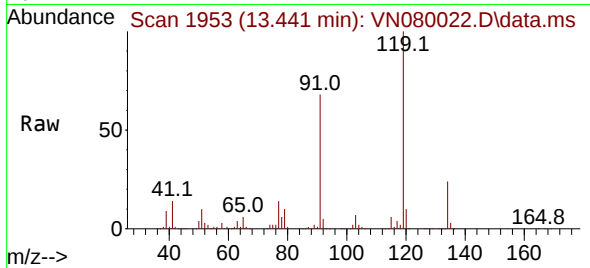
Tgt Ion: 91 Resp: 799757
Ion Ratio Lower Upper
91 100
126 32.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 60.442 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

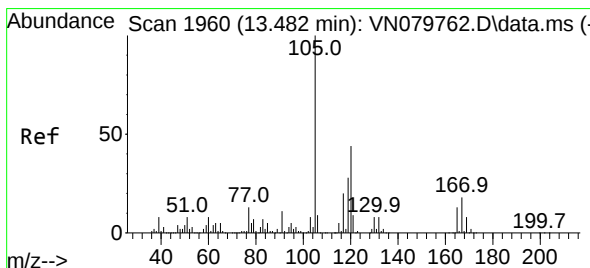
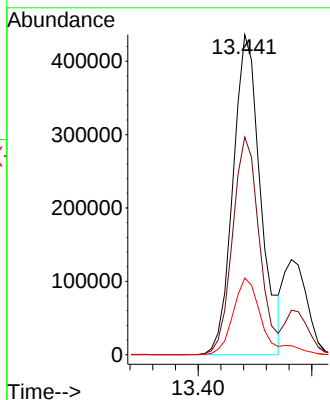
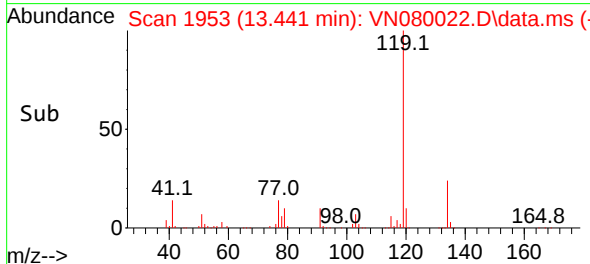
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 734095
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 25.3 13.2 39.6

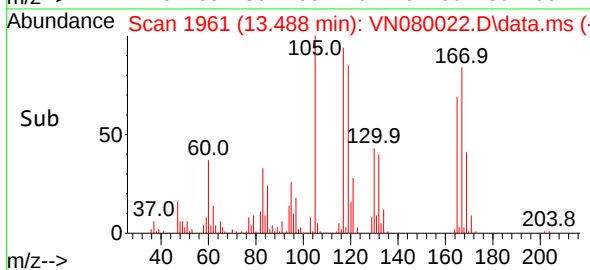
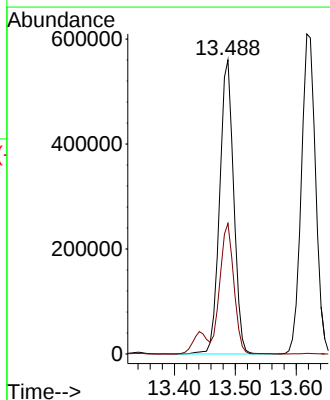
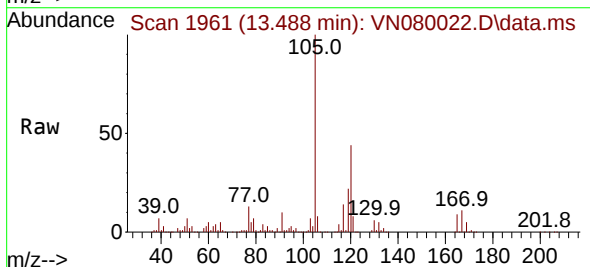
Manual Integrations
APPROVED

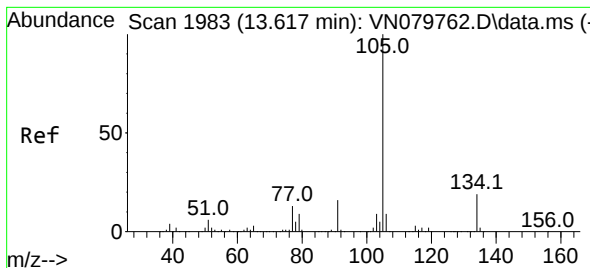
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 61.448 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

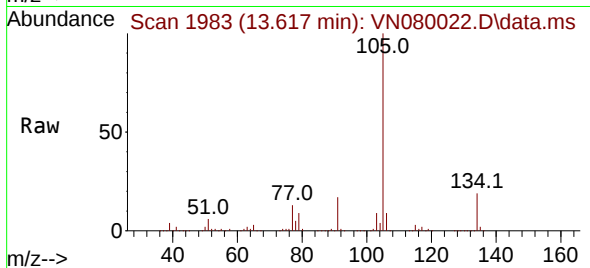
Tgt Ion:105 Resp: 897037
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 58.986 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00

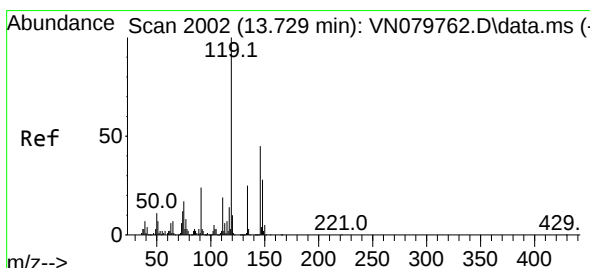
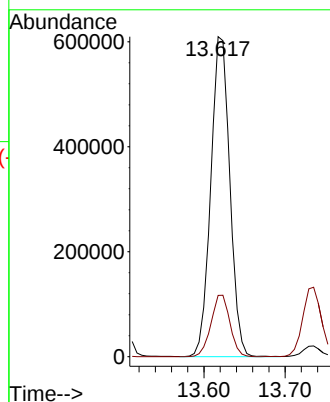
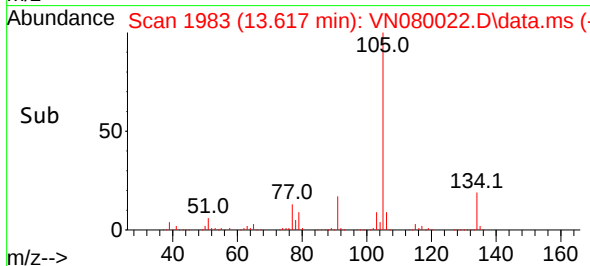
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



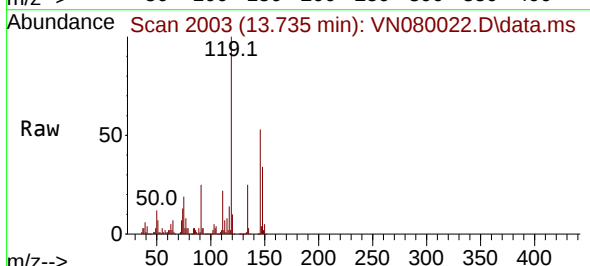
Tgt Ion:105 Resp: 992568
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

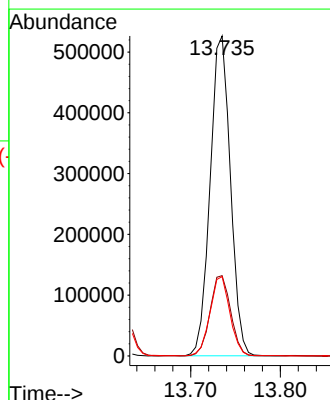
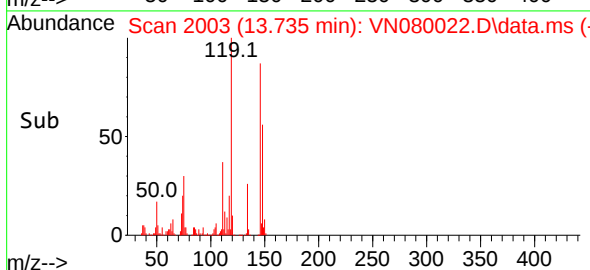
Reviewed By :John Carlone 11/10/2023
 Supervised By :Mahesh Dadoda 11/10/2023

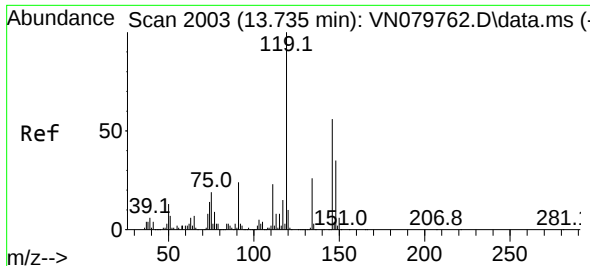


#86
 p-Isopropyltoluene
 Concen: 60.129 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080022.D
 Acq: 09 Nov 2023 15:00



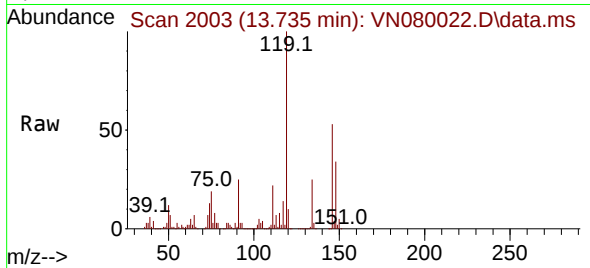
Tgt Ion:119 Resp: 824918
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 54.588 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

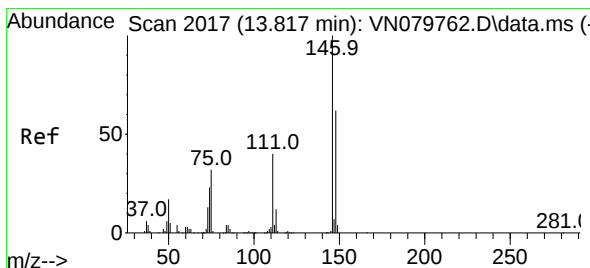
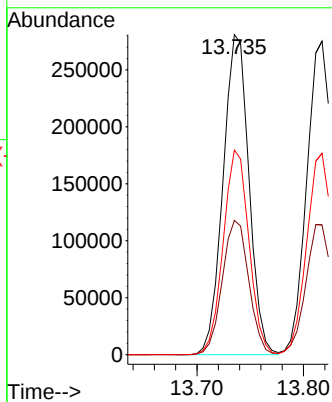
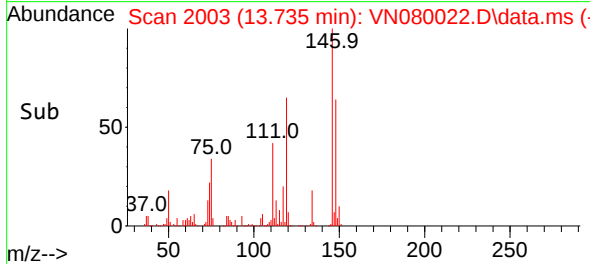
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



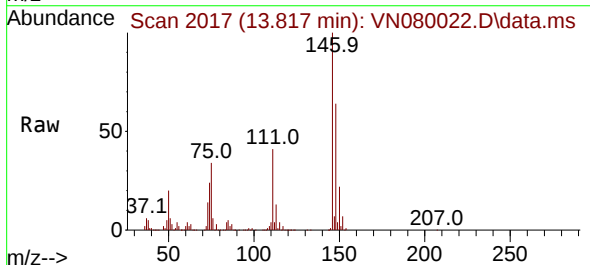
Tgt Ion:146 Resp: 474130
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 63.7 32.0 96.0

Manual Integrations
APPROVED

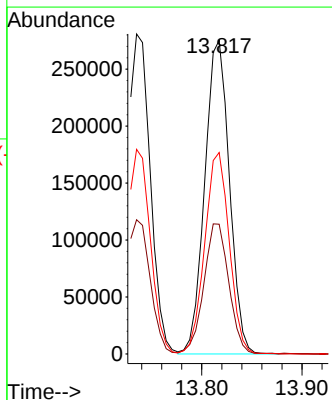
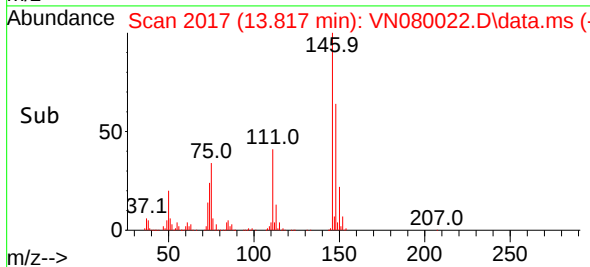
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

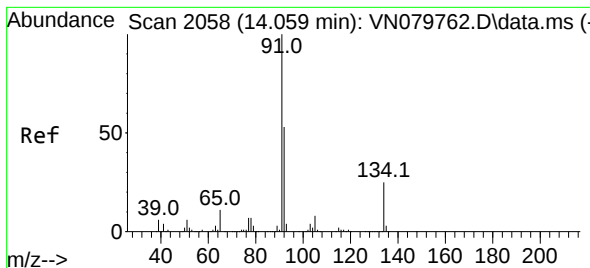


#88
1,4-Dichlorobenzene
Concen: 53.428 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion:146 Resp: 471035
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.8
148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 59.240 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

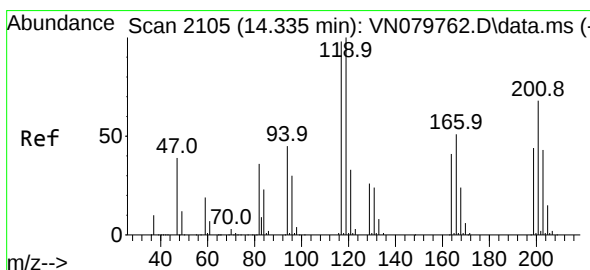
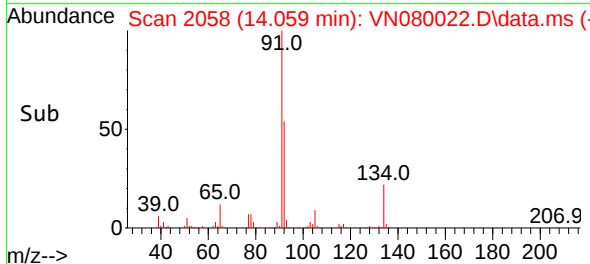
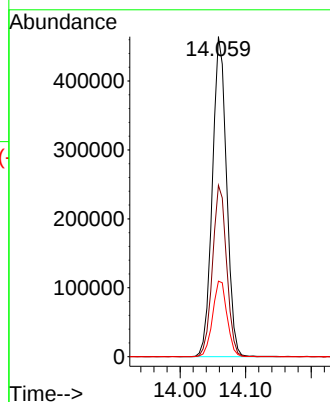
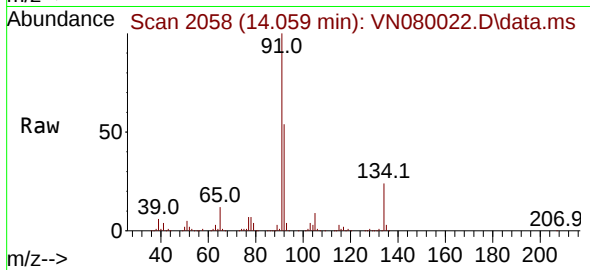
Tgt Ion:	91	Resp:	69999
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.4	79.0
134	23.9	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#90

Hexachloroethane

Concen: 55.821 ug/l

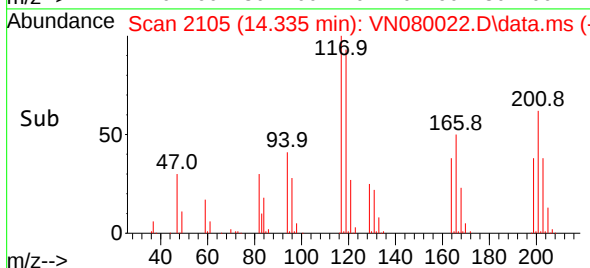
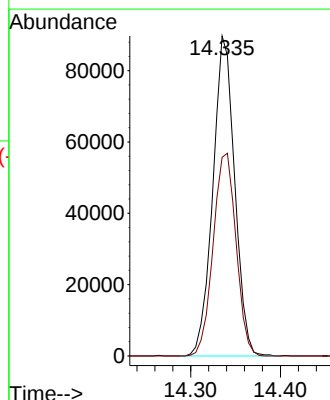
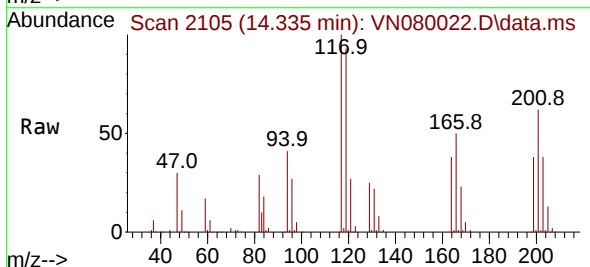
RT: 14.335 min Scan# 2105

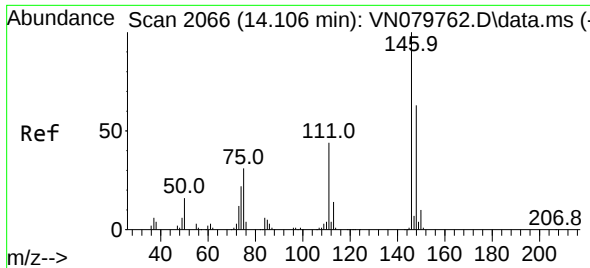
Delta R.T. 0.000 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

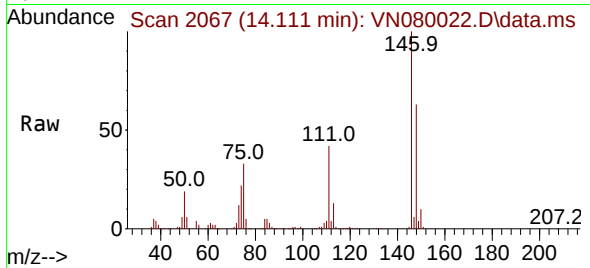
Tgt Ion:	117	Resp:	151665
Ion Ratio	Lower	Upper	
117	100		
201	66.3	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 55.950 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

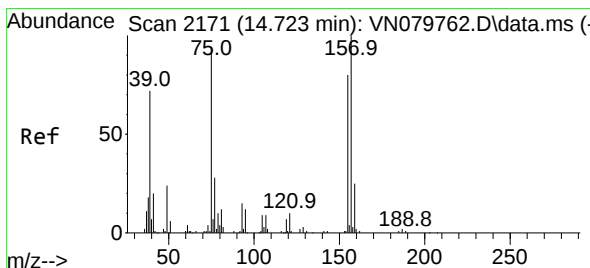
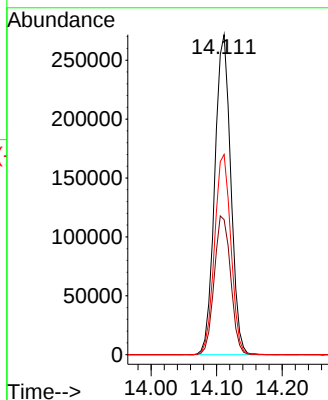
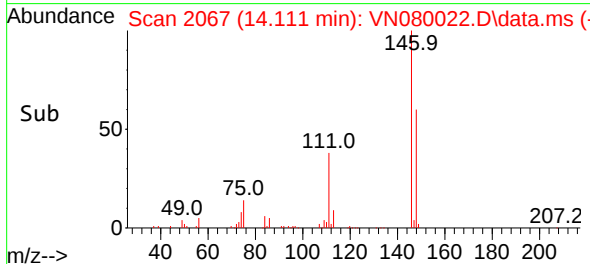
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 45875
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 63.8 31.8 95.3

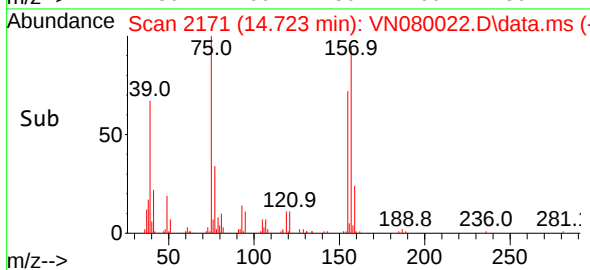
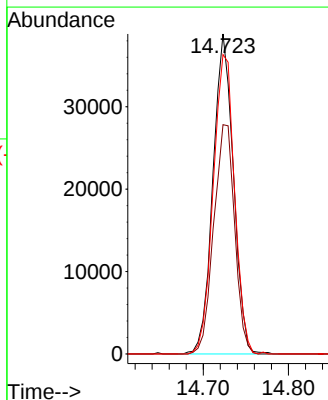
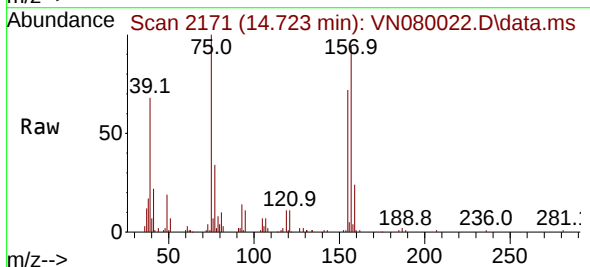
Manual Integrations
APPROVED

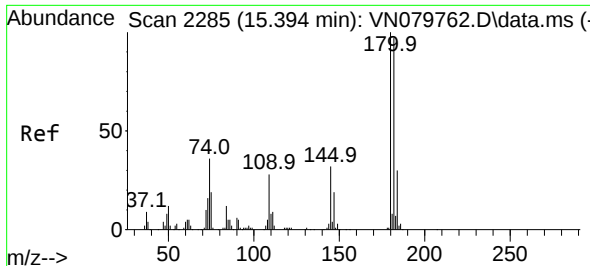
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.415 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

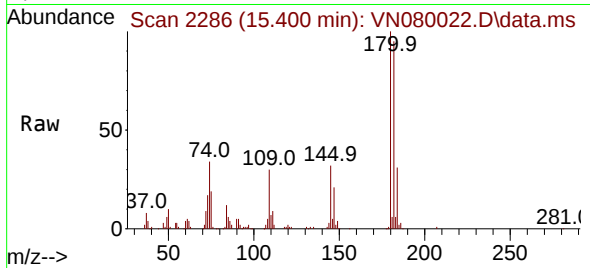
Tgt Ion: 75 Resp: 64689
Ion Ratio Lower Upper
75 100
155 73.4 39.1 117.2
157 97.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 55.731 ug/l
RT: 15.400 min Scan# 21728
Delta R.T. 0.006 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00

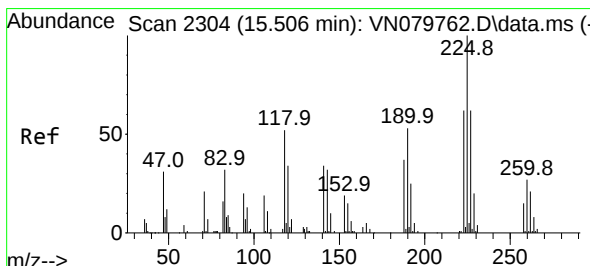
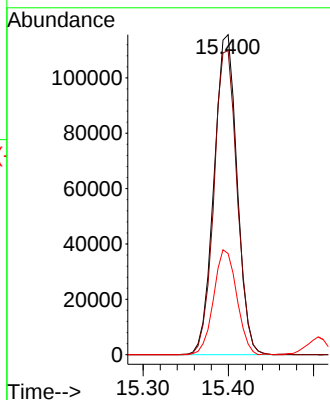
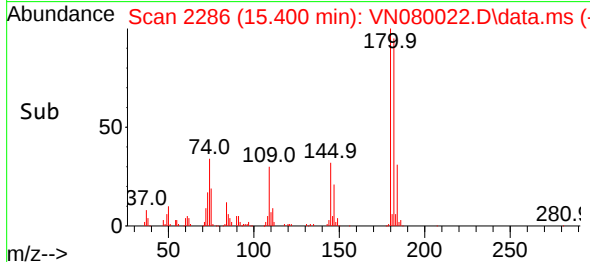
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



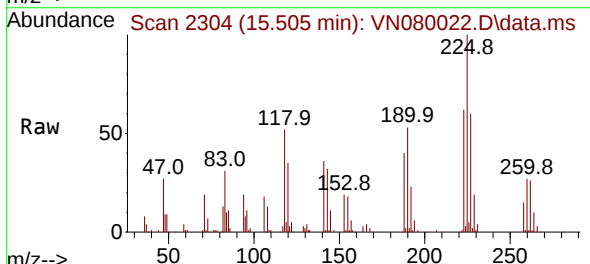
Tgt Ion:180 Resp: 21728
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.2
145 32.9 16.6 49.8

Manual Integrations
APPROVED

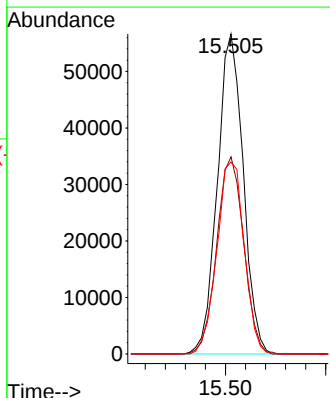
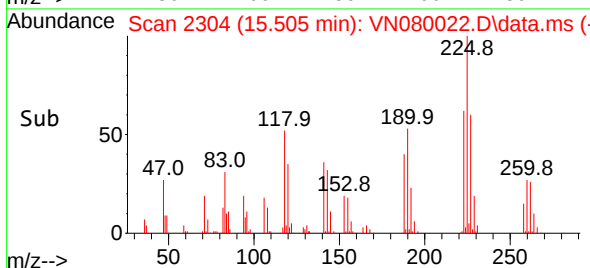
Reviewed By :John Carlone 11/10/2023
Supervised By :Mahesh Dadoda 11/10/2023

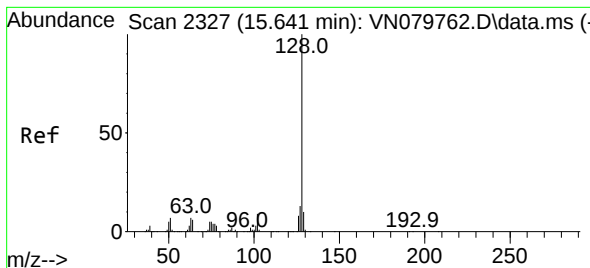


#94
Hexachlorobutadiene
Concen: 57.391 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080022.D
Acq: 09 Nov 2023 15:00



Tgt Ion:225 Resp: 101433
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 63.4 31.9 95.9





#95

Naphthalene

Concen: 52.106 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 68893

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

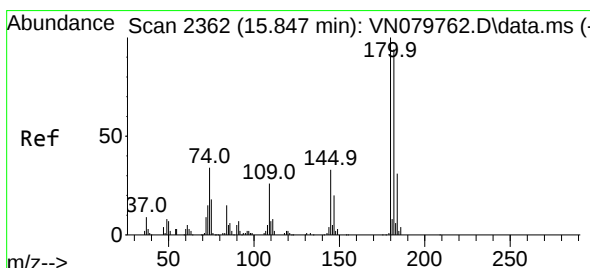
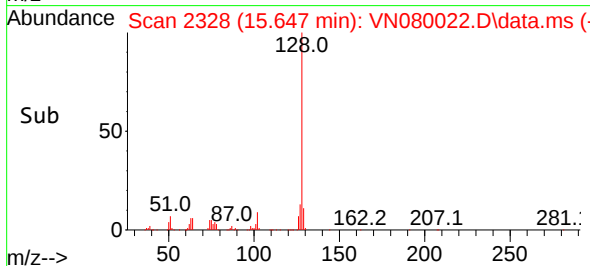
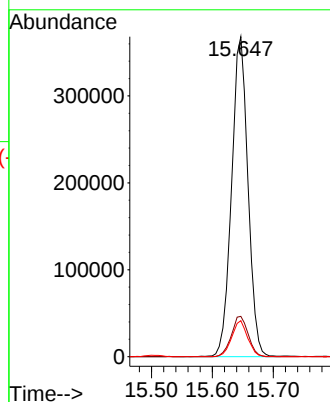
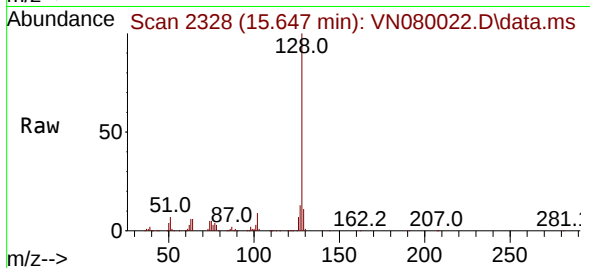
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2023

Supervised By :Mahesh Dadoda 11/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 55.216 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080022.D

Acq: 09 Nov 2023 15:00

Tgt Ion:180 Resp: 211016

Ion Ratio Lower Upper

180 100

182 96.0 46.2 138.6

145 35.1 17.5 52.6

