

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080352.D
 Acq On : 04 Dec 2023 20:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 04:24:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2023
 Supervised By : Mahesh Dadoda 12/05/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	226364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	325083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171145	45.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.171	113	127679	47.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	10.571	98	440754	45.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.853	95	174300	47.901	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	156982	46.557	ug/l	97
3) Chloromethane	2.365	50	110451	43.569	ug/l	98
4) Vinyl Chloride	2.512	62	127492	47.522	ug/l	99
5) Bromomethane	2.936	94	86505	47.498	ug/l	99
6) Chloroethane	3.112	64	86536	52.317	ug/l	94
7) Trichlorofluoromethane	3.495	101	278779	49.814	ug/l	100
8) Diethyl Ether	3.959	74	78512	48.239	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	120481	47.101	ug/l	94
10) Methyl Iodide	4.595	142	149755	54.172	ug/l #	88
11) Tert butyl alcohol	5.518	59	124371	302.589	ug/l	99
12) 1,1-Dichloroethene	4.342	96	121418	50.749	ug/l	89
13) Acrolein	4.171	56	112000	307.904	ug/l	98
14) Allyl chloride	5.024	41	142108	47.210	ug/l	90
15) Acrylonitrile	5.718	53	270202	244.880	ug/l	99
16) Acetone	4.430	43	229228	182.597	ug/l	95
17) Carbon Disulfide	4.712	76	315088	44.107	ug/l	99
18) Methyl Acetate	5.024	43	193126	47.880	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	441929	52.305	ug/l	97
20) Methylene Chloride	5.277	84	133725	50.866	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	128859	49.026	ug/l	85
22) Diisopropyl ether	6.671	45	328885	49.384	ug/l	96
23) Vinyl Acetate	6.600	43	987736	246.703	ug/l	93
24) 1,1-Dichloroethane	6.571	63	235796	48.612	ug/l	98
25) 2-Butanone	7.483	43	317158	212.638	ug/l	95
26) 2,2-Dichloropropane	7.489	77	226014	46.966	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	150745	50.587	ug/l	88
28) Bromochloromethane	7.812	49	86443	45.332	ug/l	100
29) Tetrahydrofuran	7.836	42	200117	249.906	ug/l	93
30) Chloroform	7.965	83	271706	50.116	ug/l	96
31) Cyclohexane	8.259	56	182679	44.942	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	277266	52.442	ug/l	98
36) 1,1-Dichloropropene	8.371	75	194254	50.206	ug/l	95
37) Ethyl Acetate	7.565	43	130796	48.736	ug/l	97
38) Carbon Tetrachloride	8.365	117	251770	51.278	ug/l	97
39) Methylcyclohexane	9.600	83	178959	47.970	ug/l #	89
40) Benzene	8.606	78	541504	49.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74106	50.281	ug/l	92
42) 1,2-Dichloroethane	8.671	62	229548	51.023	ug/l	95
43) Isopropyl Acetate	8.688	43	238909	45.746	ug/l	99
44) Trichloroethene	9.353	130	141746	49.140	ug/l	97
45) 1,2-Dichloropropane	9.624	63	127844	50.027	ug/l	98
46) Dibromomethane	9.712	93	98184	50.756	ug/l	90
47) Bromodichloromethane	9.888	83	218622	51.378	ug/l	100
48) Methyl methacrylate	9.682	41	135217	50.241	ug/l	95
49) 1,4-Dioxane	9.700	88	44405	991.756	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	670456	247.966	ug/l	98
52) Toluene	10.630	92	348557	50.649	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	223719	51.172	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	231726	51.880	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	129961	49.479	ug/l	98
56) Ethyl methacrylate	10.877	69	147909	55.122	ug/l	95
57) 1,3-Dichloropropane	11.165	76	230941	50.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	353247	233.678	ug/l	100
59) 2-Hexanone	11.200	43	497221	228.852	ug/l	97
60) Dibromochloromethane	11.359	129	168680	53.641	ug/l	99
61) 1,2-Dibromoethane	11.471	107	135881	50.710	ug/l	98
64) Tetrachloroethene	11.106	164	122183	49.249	ug/l	99
65) Chlorobenzene	11.894	112	367464	49.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	154161	53.930	ug/l	94
67) Ethyl Benzene	11.965	91	683936	52.178	ug/l	96
68) m/p-Xylenes	12.071	106	502092	105.059	ug/l	88
69) o-Xylene	12.400	106	244029	54.181	ug/l	88
70) Styrene	12.412	104	366829	54.721	ug/l	94
71) Bromoform	12.582	173	114864	54.185	ug/l #	99
73) Isopropylbenzene	12.700	105	639431	51.512	ug/l	98
74) N-amyl acetate	12.494	43	188846	48.784	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	173454	46.687	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	169258m	43.244	ug/l	
77) Bromobenzene	12.982	156	157129	50.206	ug/l	95
78) n-propylbenzene	13.035	91	701924	50.567	ug/l	99
79) 2-Chlorotoluene	13.129	91	456418	50.625	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	560506	51.871	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	54740	47.252	ug/l #	83
82) 4-Chlorotoluene	13.223	91	469574	50.842	ug/l	96
83) tert-Butylbenzene	13.441	119	443032	51.126	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	555551	52.213	ug/l	97
85) sec-Butylbenzene	13.618	105	561386	51.212	ug/l	98
86) p-Isopropyltoluene	13.729	119	521177	53.222	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	279954	49.649	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	274759	48.488	ug/l	97
89) n-Butylbenzene	14.059	91	410909	50.134	ug/l	100
90) Hexachloroethane	14.335	117	93915	49.195	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	261332	48.432	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40716	47.182	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	147251	46.921	ug/l	98
94) Hexachlorobutadiene	15.506	225	78661	43.556	ug/l	99
95) Naphthalene	15.641	128	740733	81.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138803	47.187	ug/l	97

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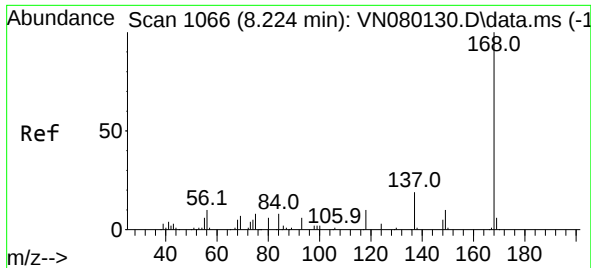
Manual Integrations
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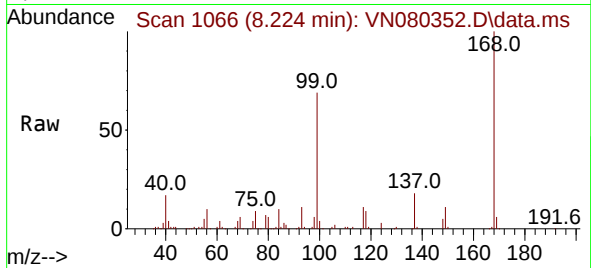
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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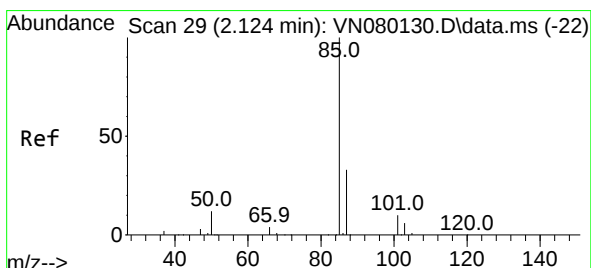
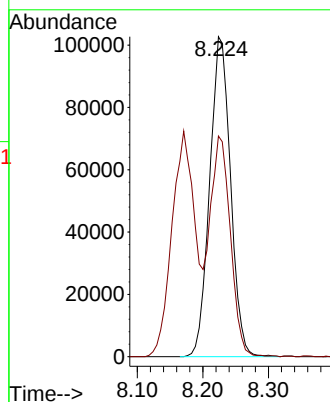
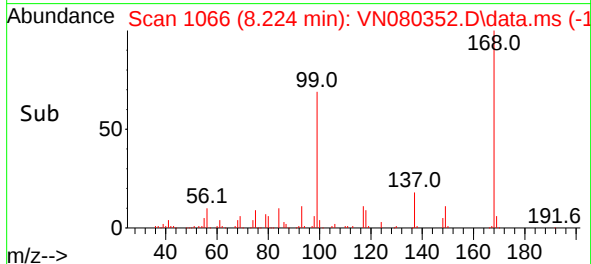
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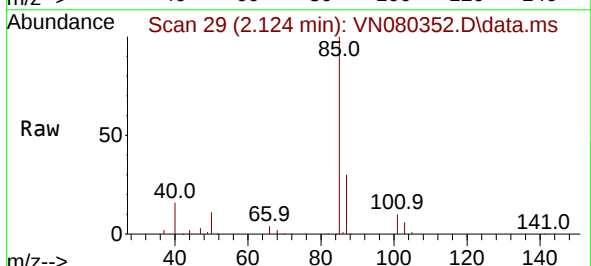
Tgt Ion:168 Resp: 226364
Ion Ratio Lower Upper
168 100
99 68.9 53.0 79.6

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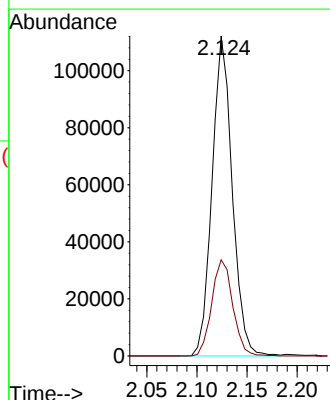
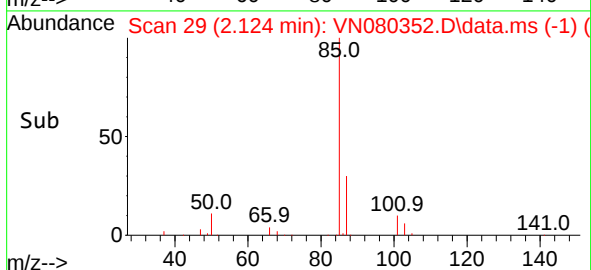
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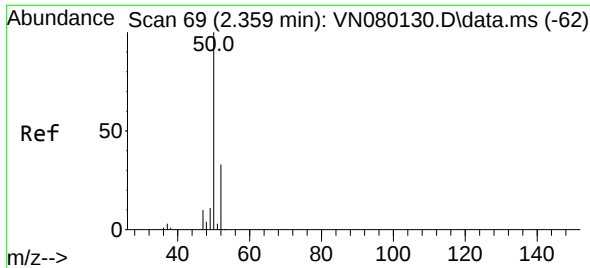


#2
Dichlorodifluoromethane
Concen: 46.557 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



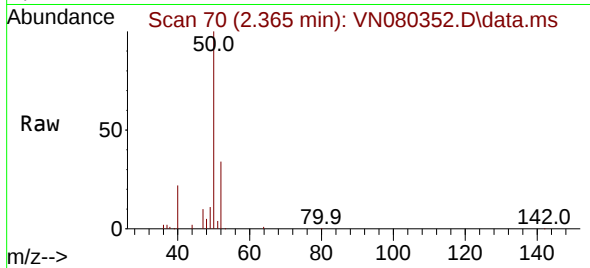
Tgt Ion: 85 Resp: 156982
Ion Ratio Lower Upper
85 100
87 30.0 15.8 47.4





#3
Chloromethane
Concen: 43.569 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

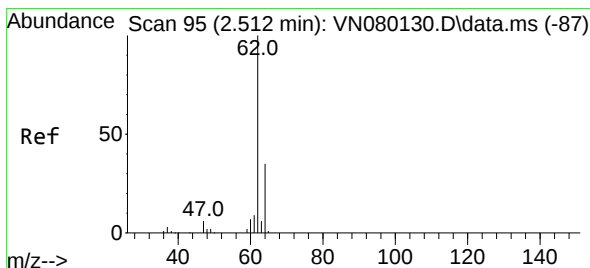
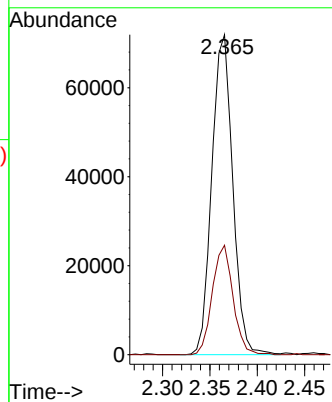
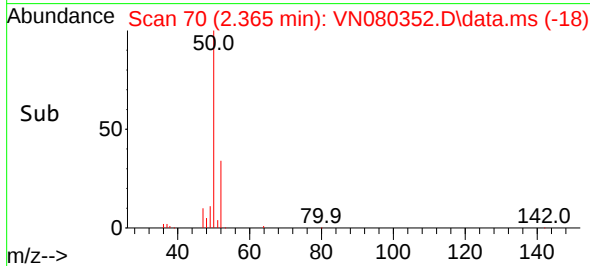
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Tgt Ion: 50 Resp: 11045
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

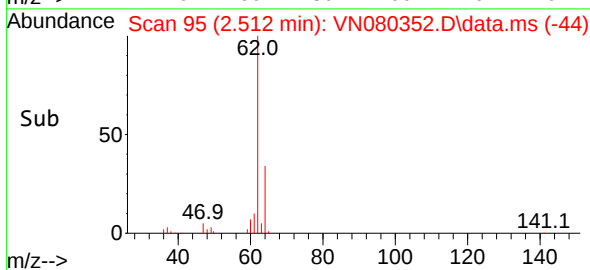
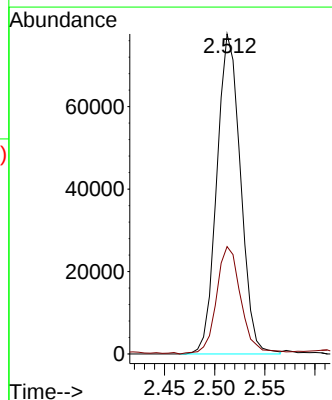
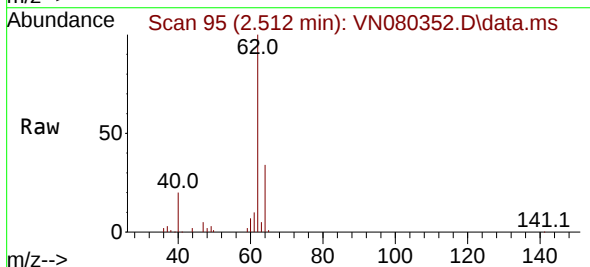
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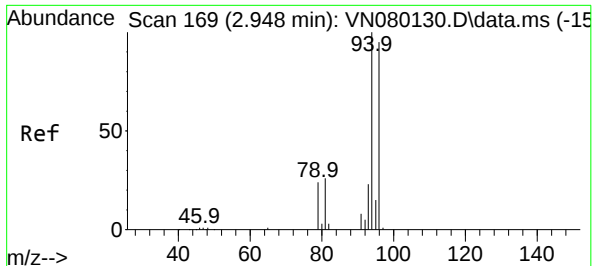
Reviewed By :John Carlone 12/05/2023
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#4
Vinyl Chloride
Concen: 47.522 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
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Acq: 04 Dec 2023 20:43

Tgt Ion: 62 Resp: 127492
Ion Ratio Lower Upper
62 100
64 33.5 26.2 39.2





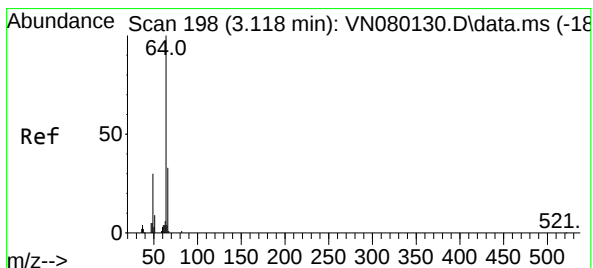
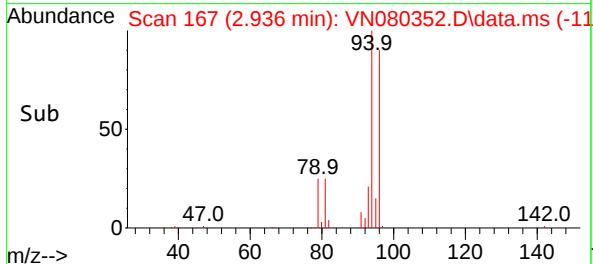
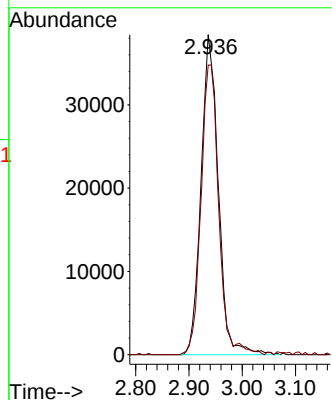
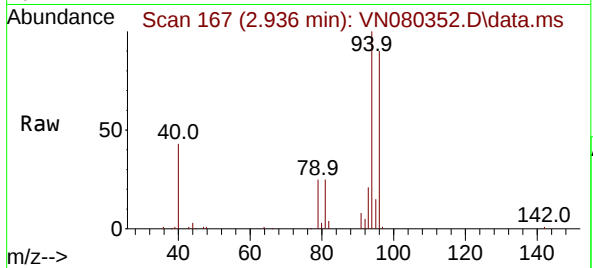
#5
Bromomethane
Concen: 47.498 ug/l
RT: 2.936 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN080352.D
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Tgt Ion: 94 Resp: 8650
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7

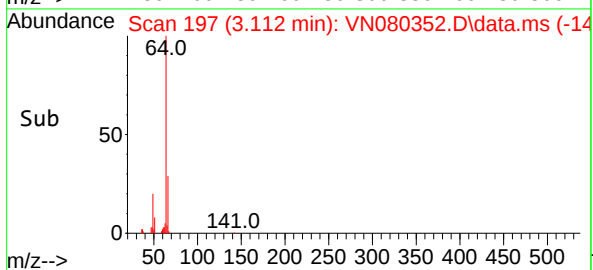
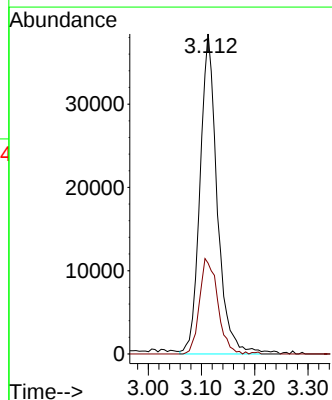
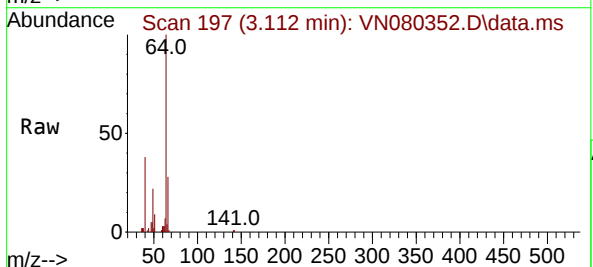
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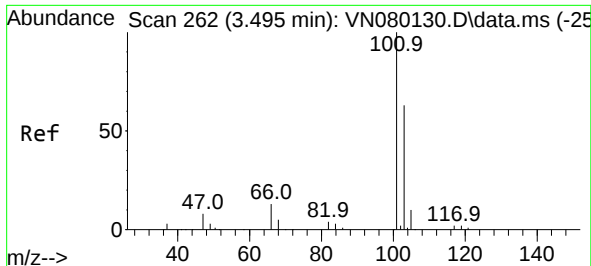
Reviewed By :John Carlone 12/05/2023
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#6
Chloroethane
Concen: 52.317 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080352.D
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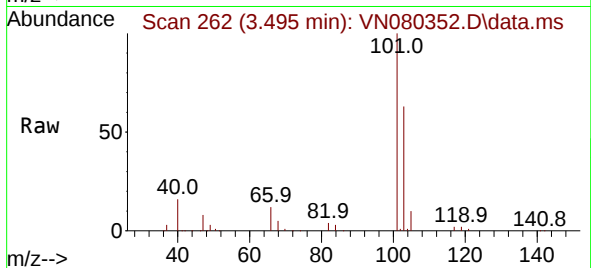
Tgt Ion: 64 Resp: 86536
Ion Ratio Lower Upper
64 100
66 28.4 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 49.814 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN080352.D
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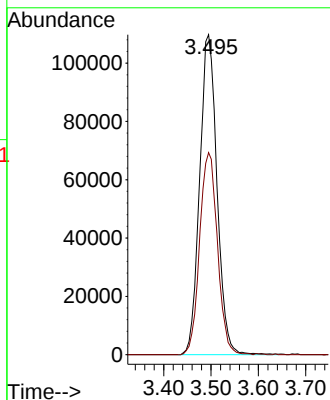
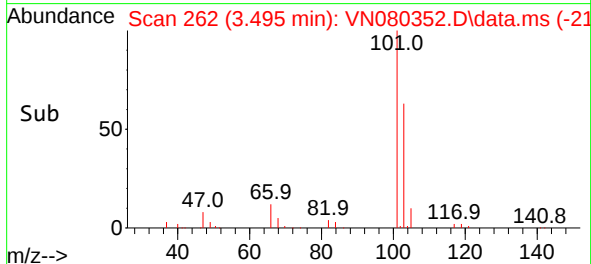
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 278779
 Ion Ratio Lower Upper
 101 100
 103 63.1 50.7 76.1

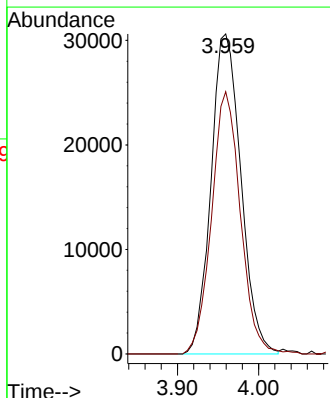
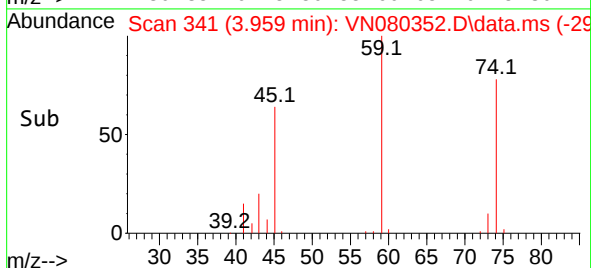
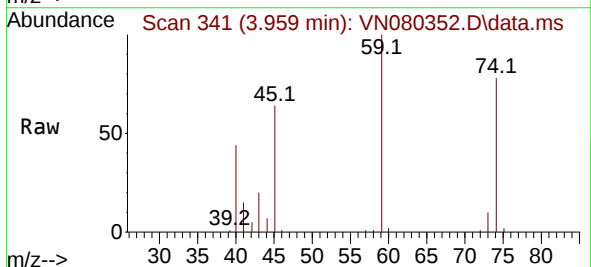
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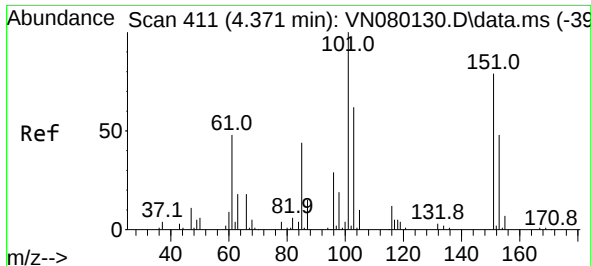
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#8
 Diethyl Ether
 Concen: 48.239 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 78512
 Ion Ratio Lower Upper
 74 100
 45 78.9 34.4 103.3





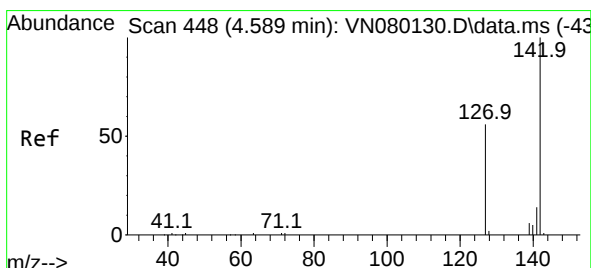
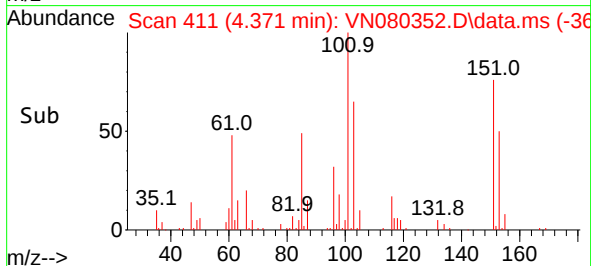
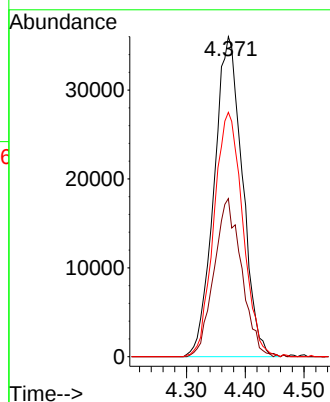
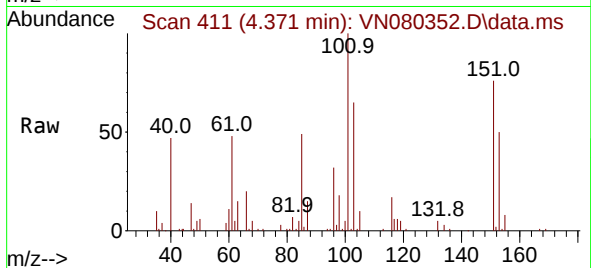
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.101 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN080352.D
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12048
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 77.9 57.6 86.4

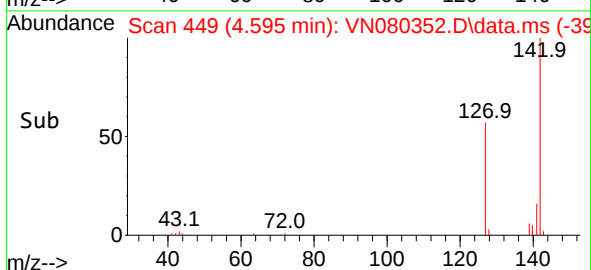
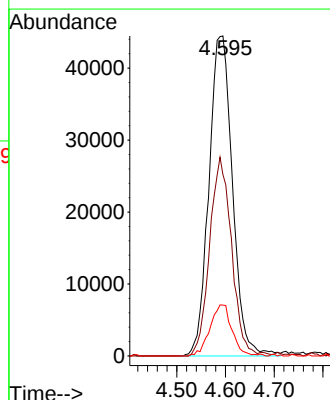
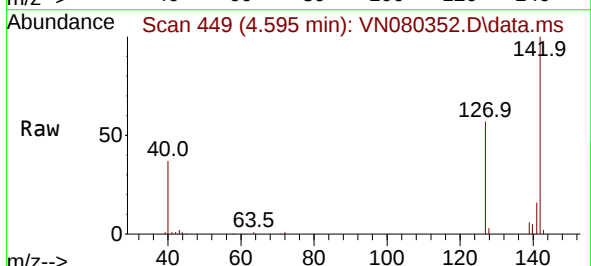
Manual Integrations
APPROVED

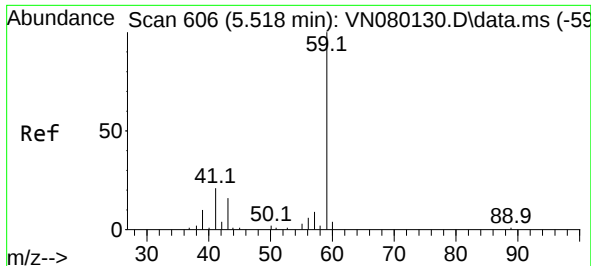
Reviewed By :John Carbone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#10
Methyl Iodide
Concen: 54.172 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

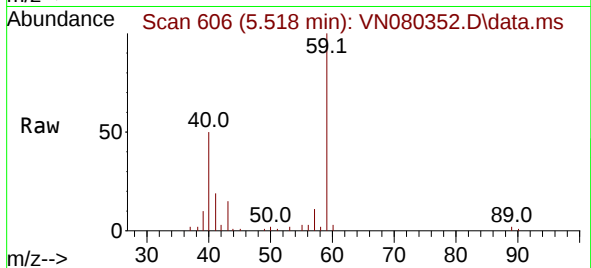
Tgt Ion:142 Resp: 149755
Ion Ratio Lower Upper
142 100
127 56.7 37.6 56.4#
141 15.9 11.4 17.0





#11
Tert butyl alcohol
Concen: 302.589 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

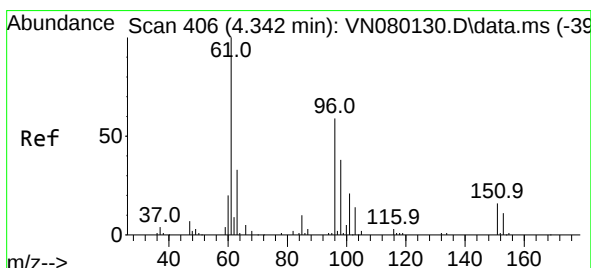
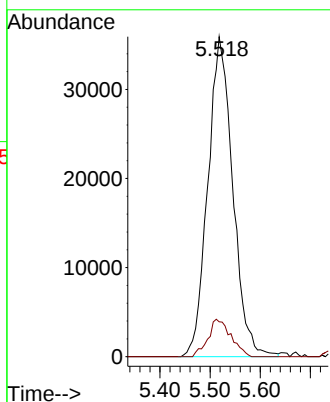
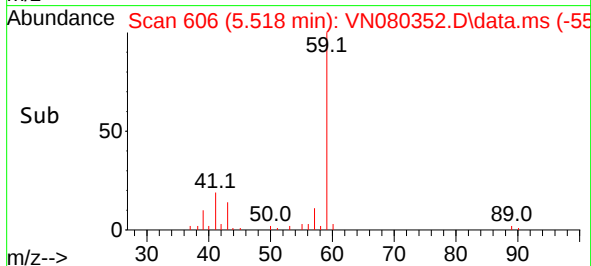
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



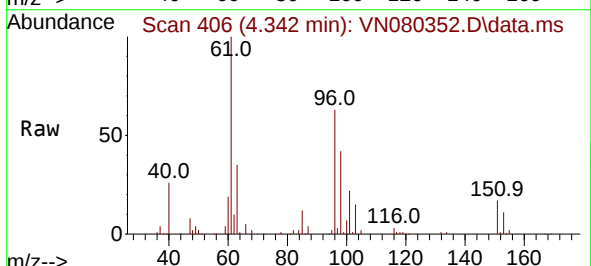
Tgt Ion: 59 Resp: 12437
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
APPROVED

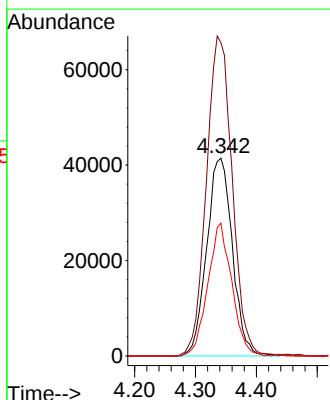
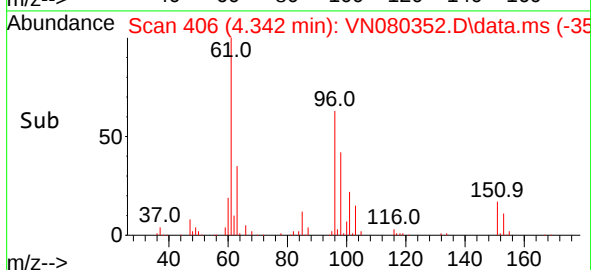
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#12
1,1-Dichloroethene
Concen: 50.749 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



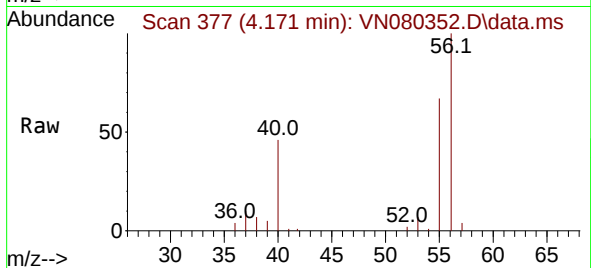
Tgt Ion: 96 Resp: 121418
Ion Ratio Lower Upper
96 100
61 158.4 112.7 169.1
98 67.1 51.2 76.8





#13
Acrolein
Concen: 307.904 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

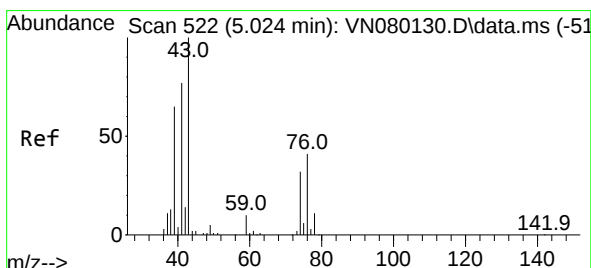
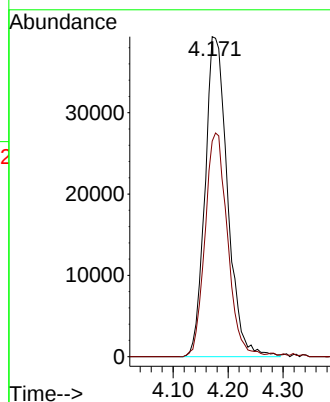
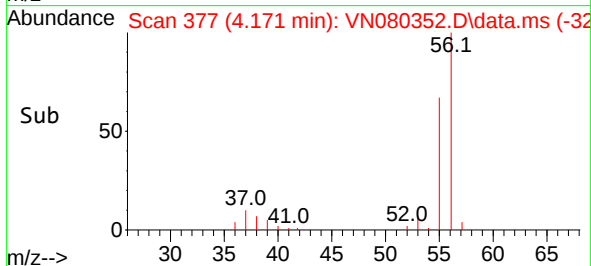
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 112000
Ion Ratio Lower Upper
56 100
55 69.7 54.5 81.7

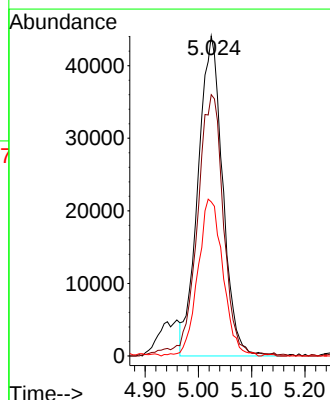
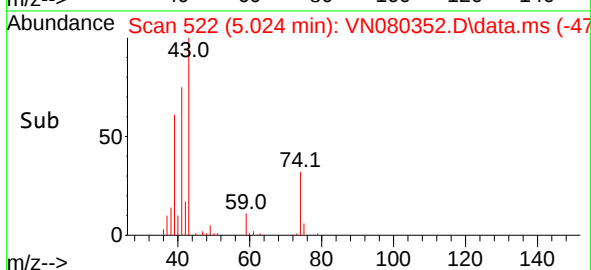
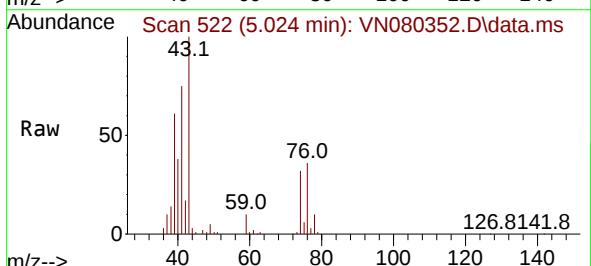
Manual Integrations
APPROVED

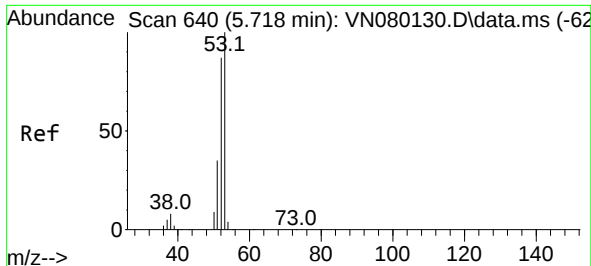
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#14
Allyl chloride
Concen: 47.210 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

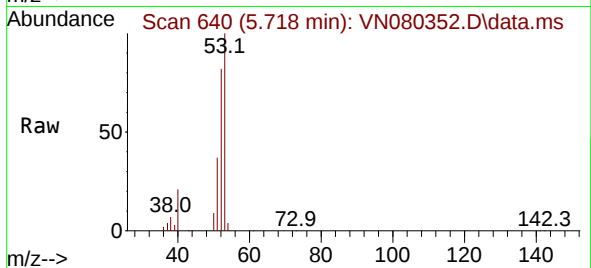
Tgt Ion: 41 Resp: 142108
Ion Ratio Lower Upper
41 100
39 86.7 58.8 88.2
76 49.7 39.1 58.7





#15
Acrylonitrile
Concen: 244.880 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

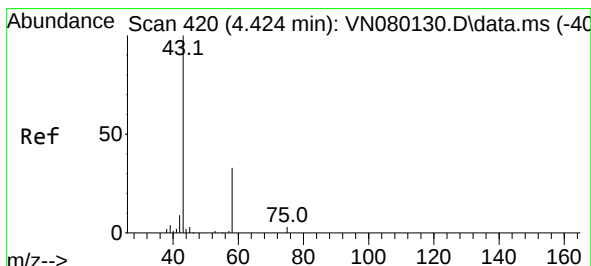
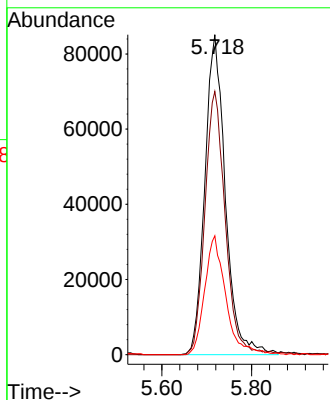
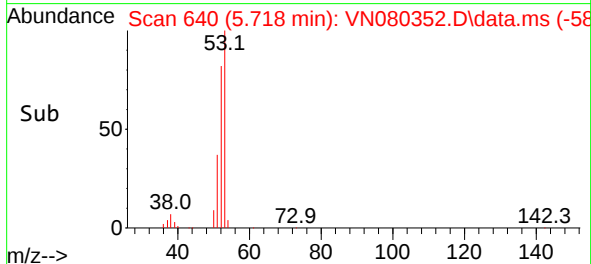
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



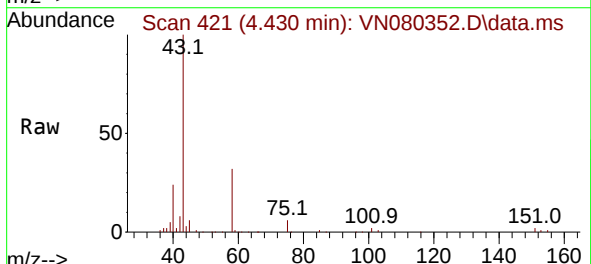
Tgt Ion: 53 Resp: 27020
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 38.2 28.9 43.3

Manual Integrations
APPROVED

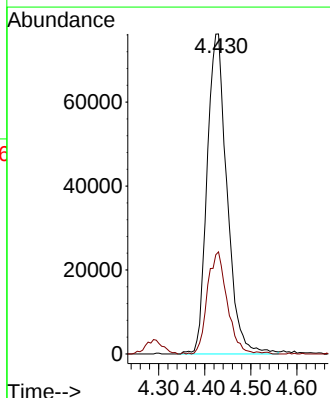
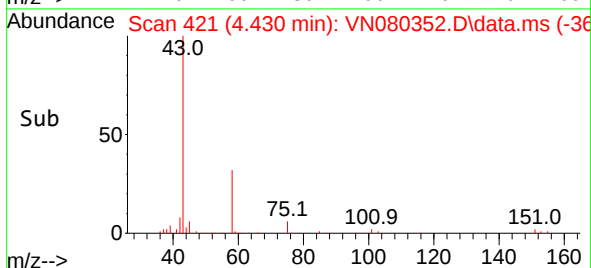
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

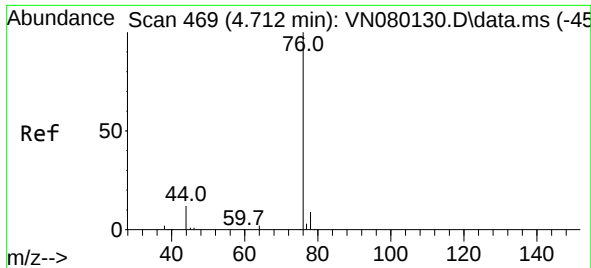


#16
Acetone
Concen: 182.597 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



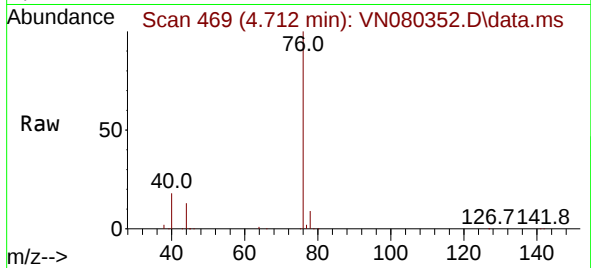
Tgt Ion: 43 Resp: 229228
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#17
Carbon Disulfide
Concen: 44.107 ug/l
RT: 4.712 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

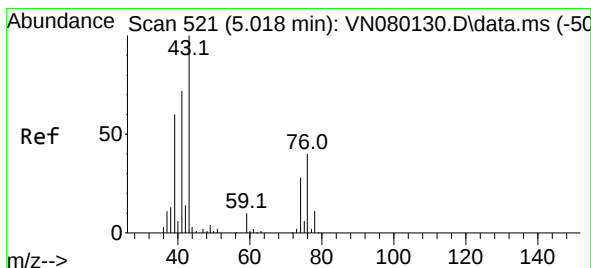
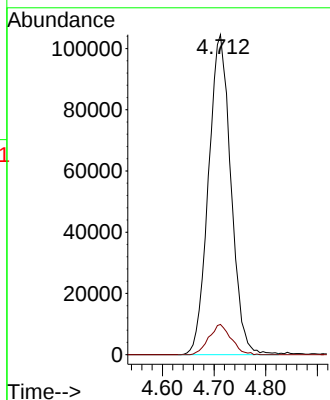
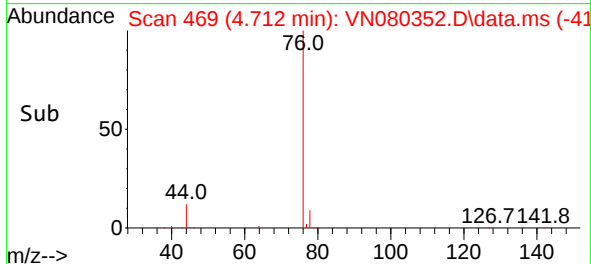
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



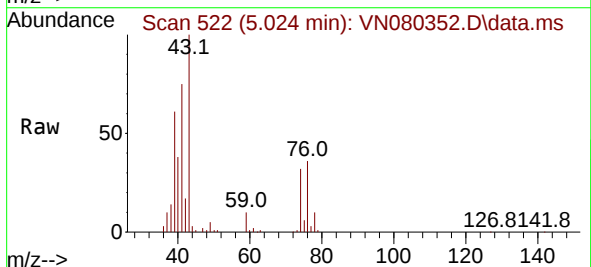
Tgt Ion: 76 Resp: 31508
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

Manual Integrations
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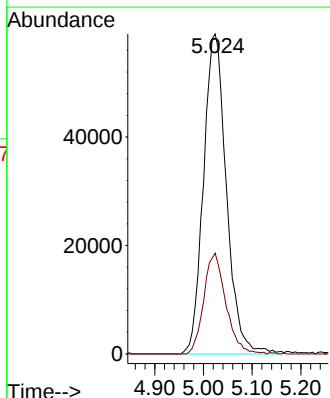
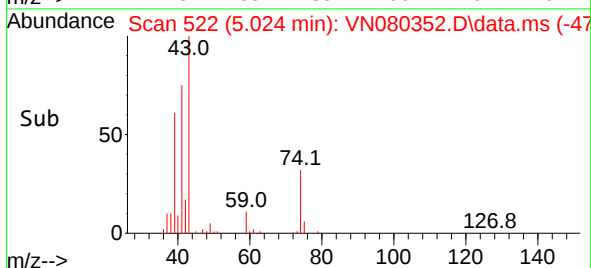
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

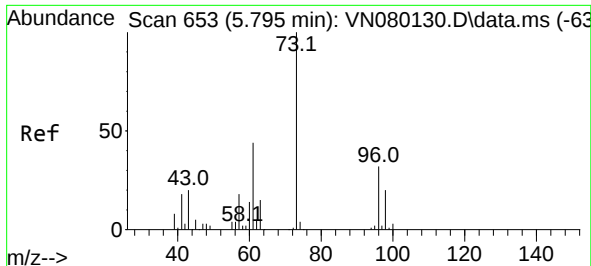


#18
Methyl Acetate
Concen: 47.880 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



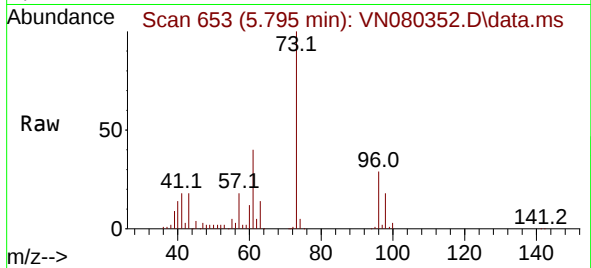
Tgt Ion: 43 Resp: 193126
Ion Ratio Lower Upper
43 100
74 30.2 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 52.305 ug/l
RT: 5.795 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

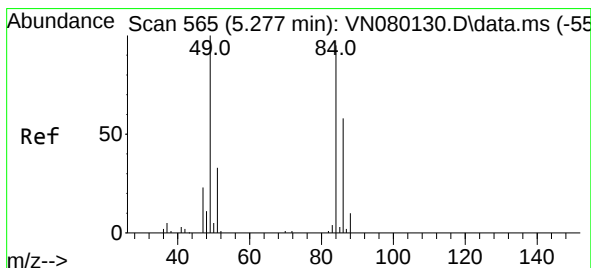
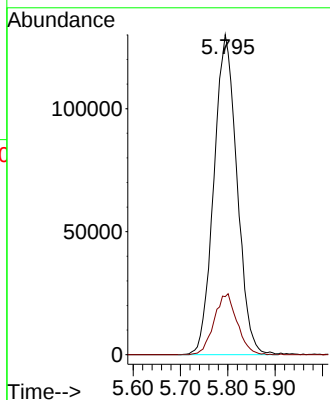
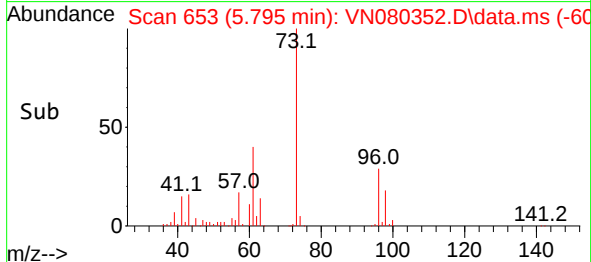
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 441925
Ion Ratio Lower Upper
73 100
57 18.2 15.6 23.4

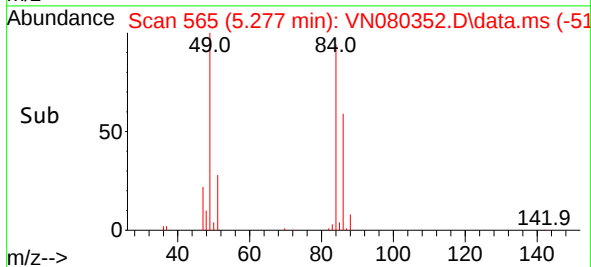
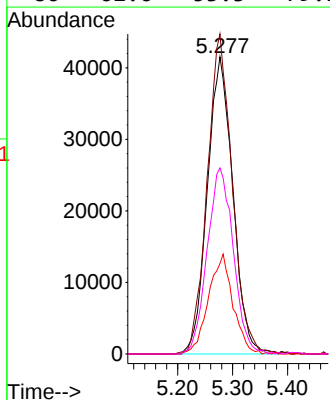
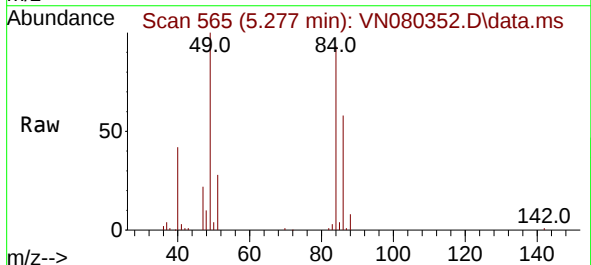
Manual Integrations
APPROVED

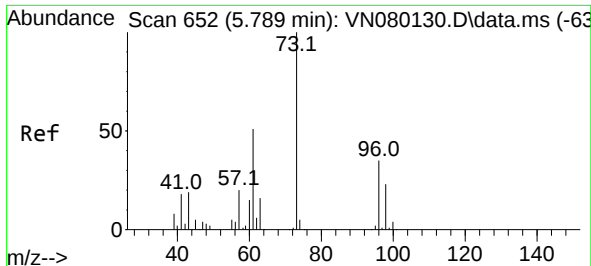
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#20
Methylene Chloride
Concen: 50.866 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

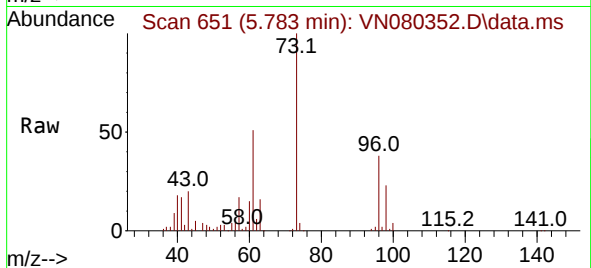
Tgt Ion: 84 Resp: 133725
Ion Ratio Lower Upper
84 100
49 107.3 79.7 119.5
51 30.4 25.2 37.8
86 62.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 49.026 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

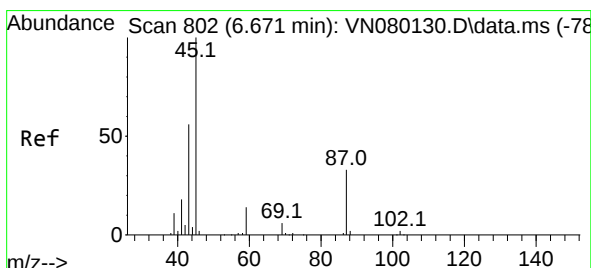
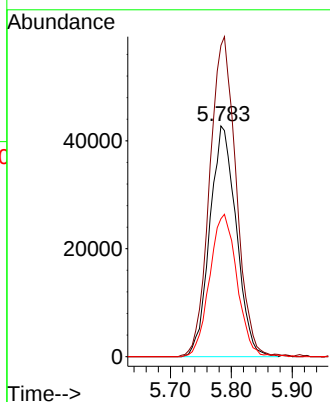
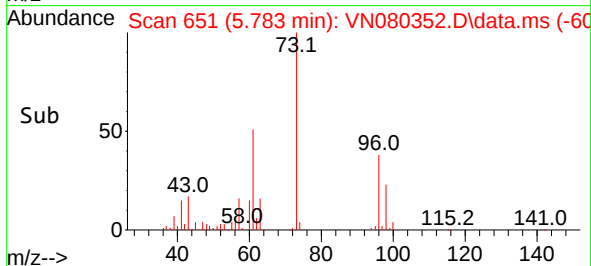
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 12885
Ion Ratio Lower Upper
96 100
61 134.8 90.1 135.1
98 59.7 46.4 69.6

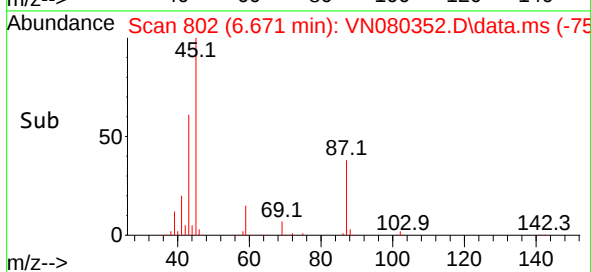
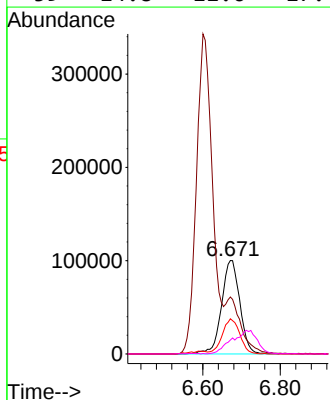
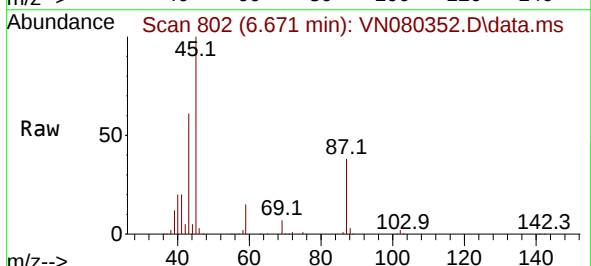
Manual Integrations
APPROVED

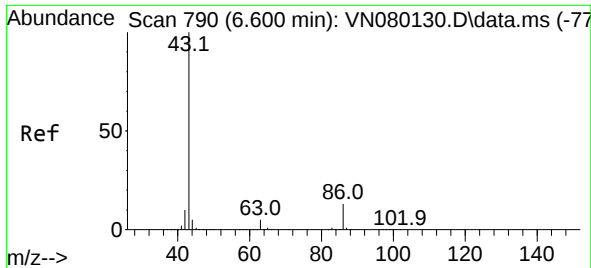
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#22
Diisopropyl ether
Concen: 49.384 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

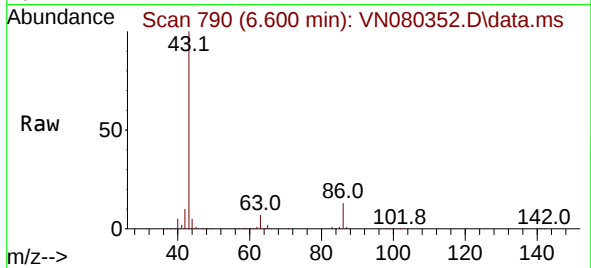
Tgt Ion: 45 Resp: 328885
Ion Ratio Lower Upper
45 100
43 60.8 45.5 68.3
87 37.7 31.8 47.8
59 14.8 11.6 17.4





#23
 Vinyl Acetate
 Concen: 246.703 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN080352.D
 Acq: 04 Dec 2023 20:43

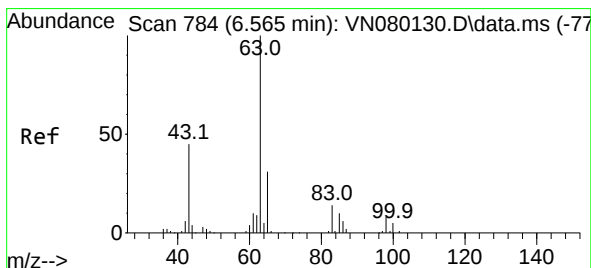
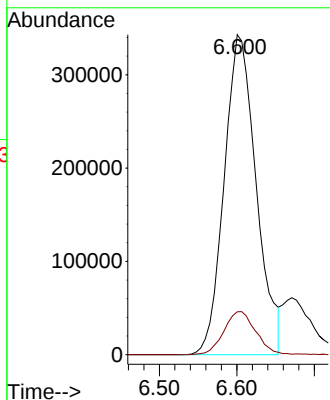
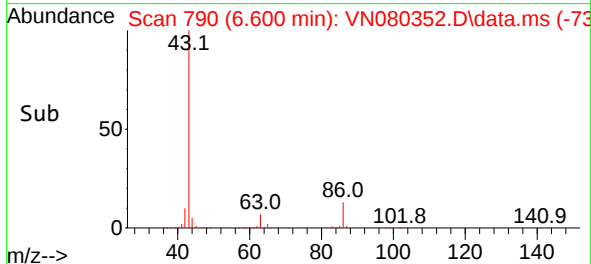
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



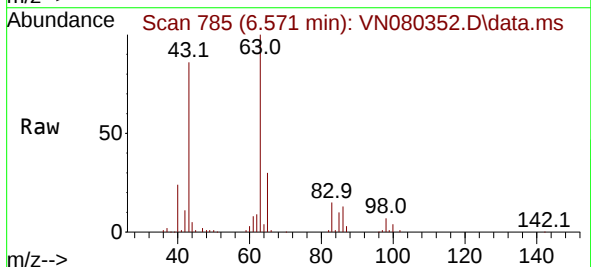
Tgt Ion: 43 Resp: 987736
 Ion Ratio Lower Upper
 43 100
 86 13.4 13.0 19.6

Manual Integrations
 APPROVED

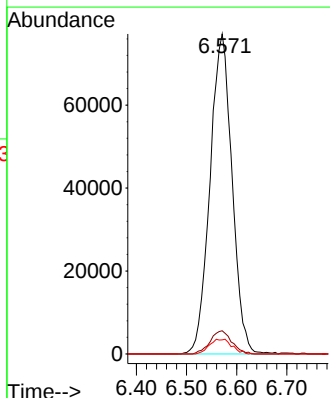
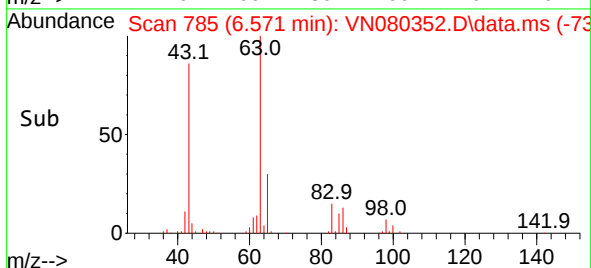
Reviewed By :John Carlone 12/05/2023
 Supervised By :Mahesh Dadoda 12/05/2023

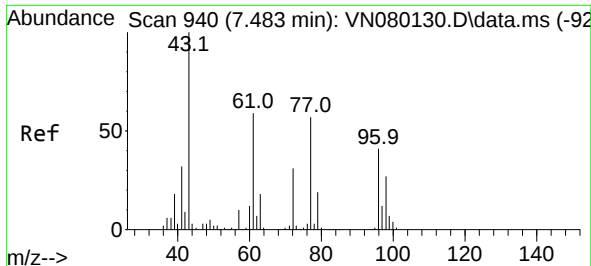


#24
 1,1-Dichloroethane
 Concen: 48.612 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN080352.D
 Acq: 04 Dec 2023 20:43



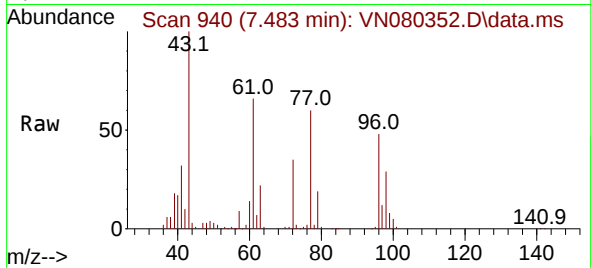
Tgt Ion: 63 Resp: 235796
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 212.638 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

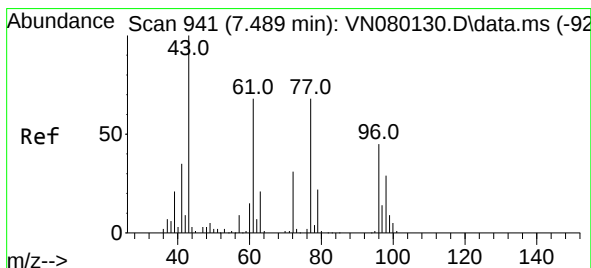
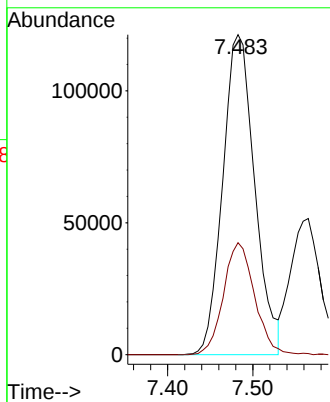
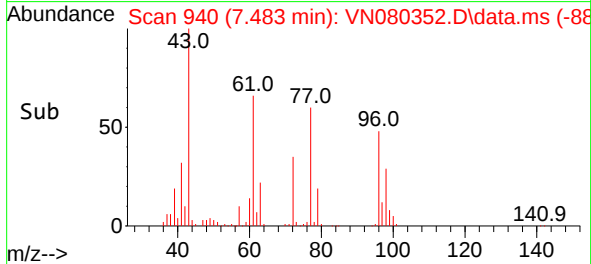
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



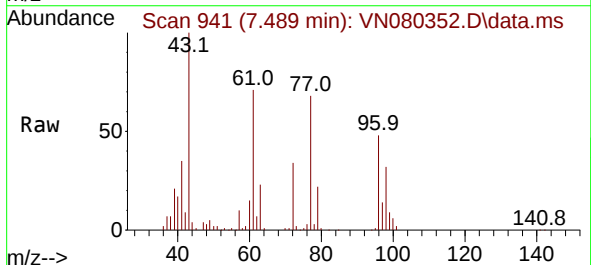
Tgt Ion: 43 Resp: 317158
Ion Ratio Lower Upper
43 100
72 35.0 30.2 45.2

Manual Integrations
APPROVED

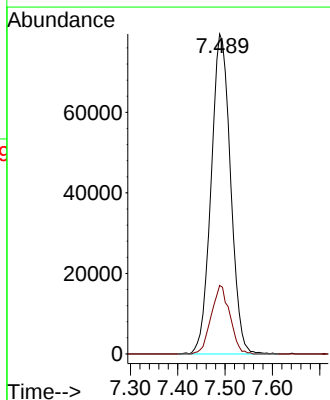
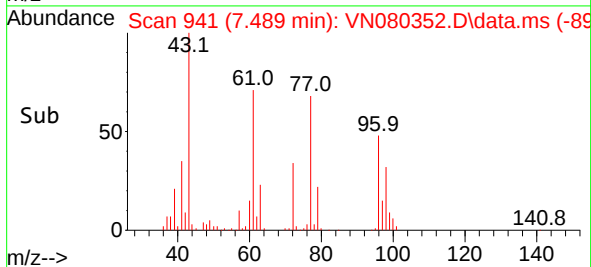
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

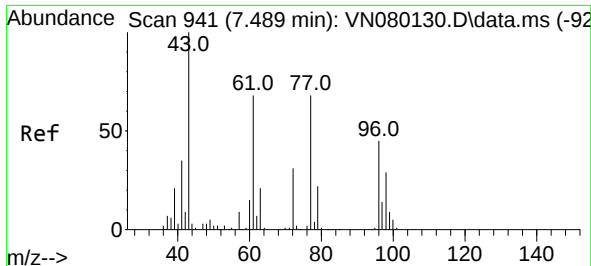


#26
2,2-Dichloropropane
Concen: 46.966 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



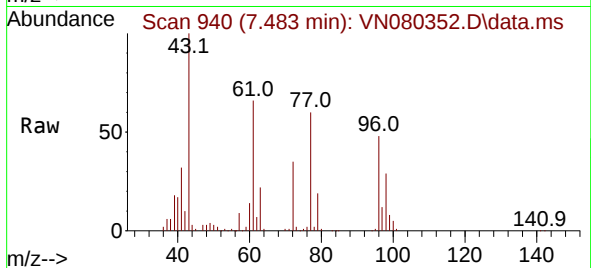
Tgt Ion: 77 Resp: 226014
Ion Ratio Lower Upper
77 100
97 20.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 50.587 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

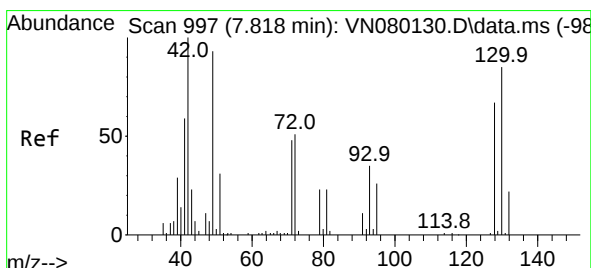
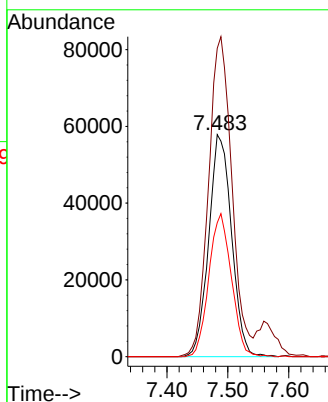
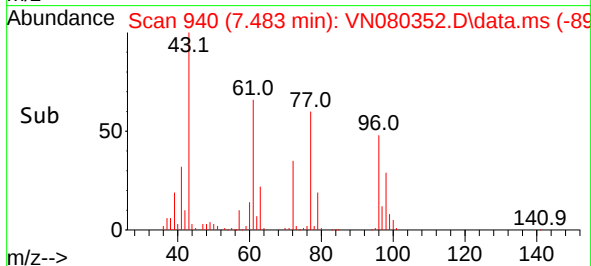
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 150745
Ion Ratio Lower Upper
96 100
61 147.6 0.0 255.2
98 63.7 0.0 128.8

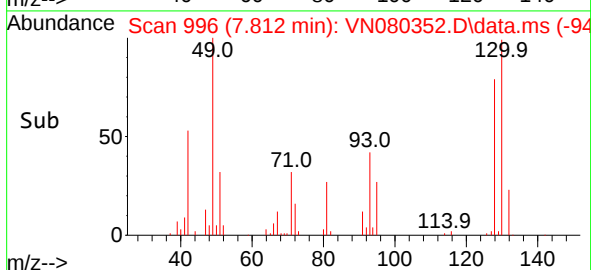
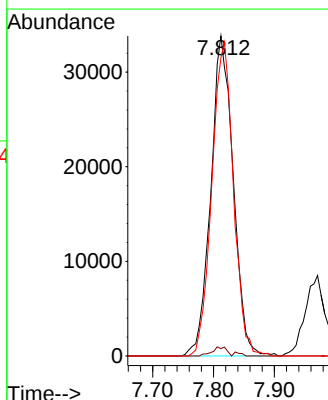
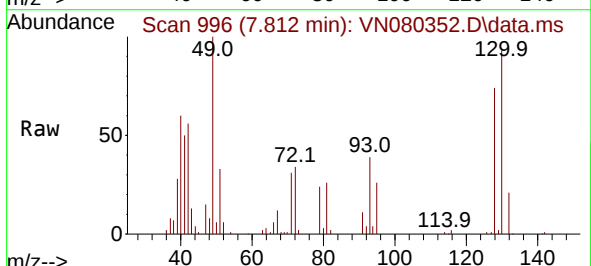
Manual Integrations
APPROVED

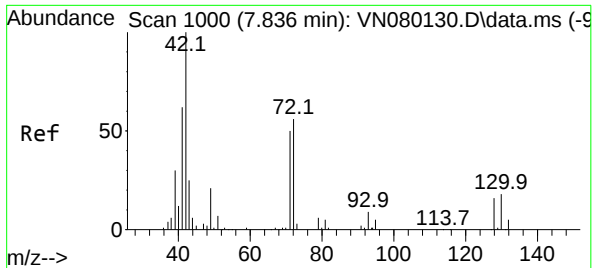
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#28
Bromochloromethane
Concen: 45.332 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion: 49 Resp: 86443
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 94.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 249.906 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

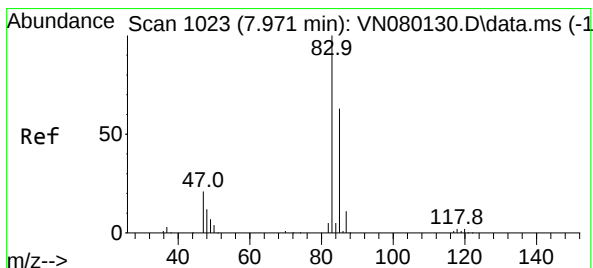
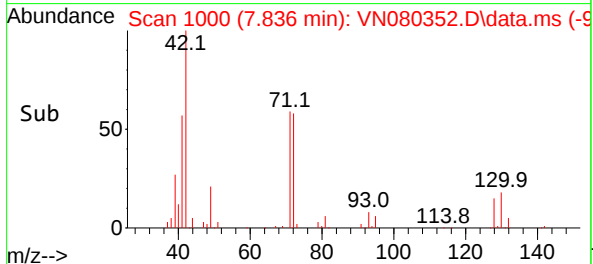
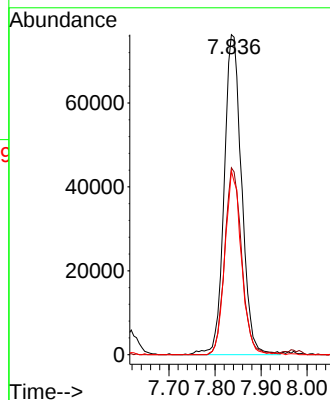
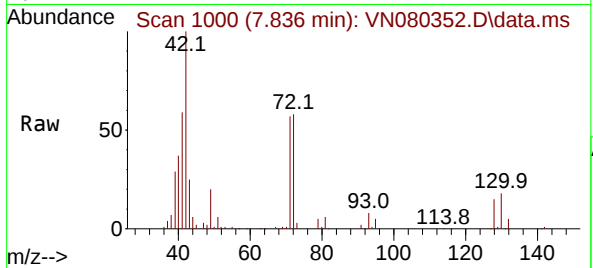
Tgt Ion:	42	Resp:	20011
Ion Ratio	Lower	Upper	
42	100		
72	56.7	49.8	74.6
71	54.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#30

Chloroform

Concen: 50.116 ug/l

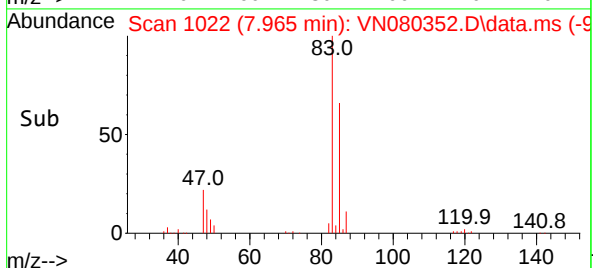
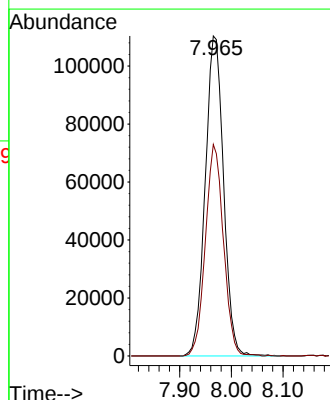
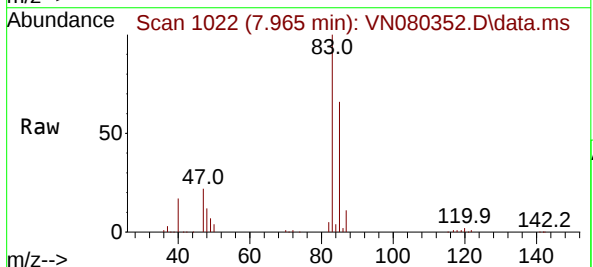
RT: 7.965 min Scan# 1022

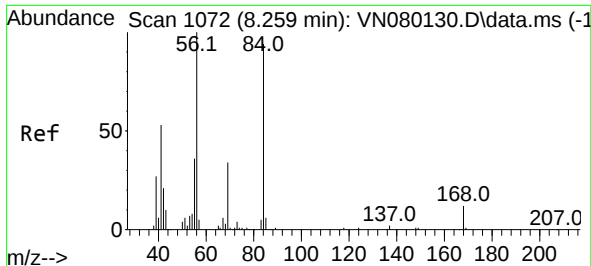
Delta R.T. -0.006 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

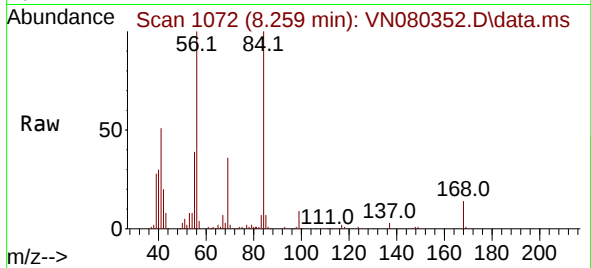
Tgt Ion:	83	Resp:	271706
Ion Ratio	Lower	Upper	
83	100		
85	66.1	55.4	83.0





#31
Cyclohexane
Concen: 44.942 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

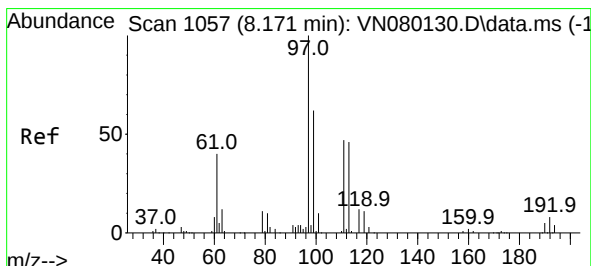
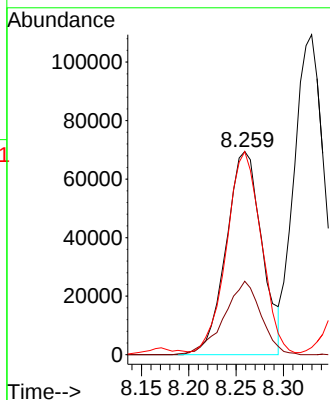
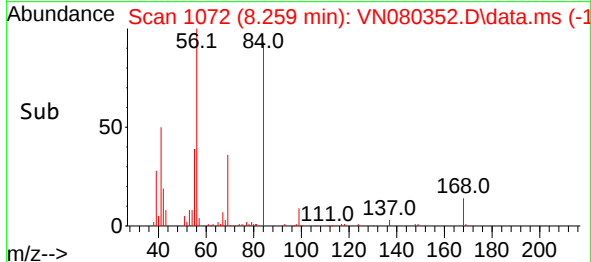
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



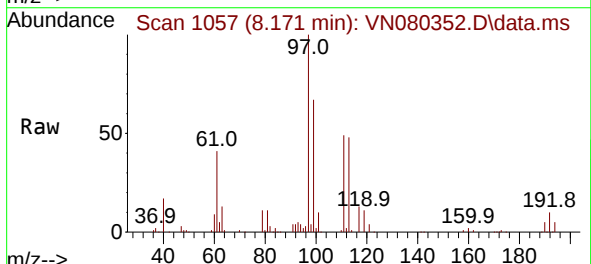
Tgt Ion: 56 Resp: 182679
Ion Ratio Lower Upper
56 100
69 35.7 26.8 40.2
84 97.7 81.8 122.6

Manual Integrations
APPROVED

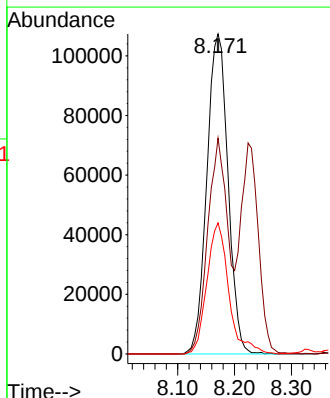
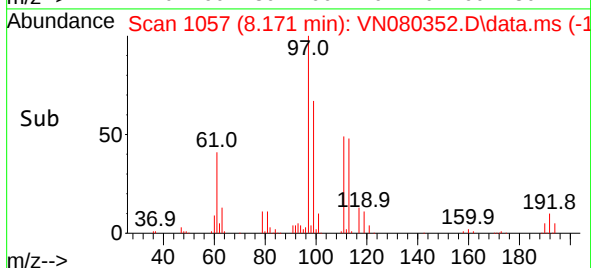
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

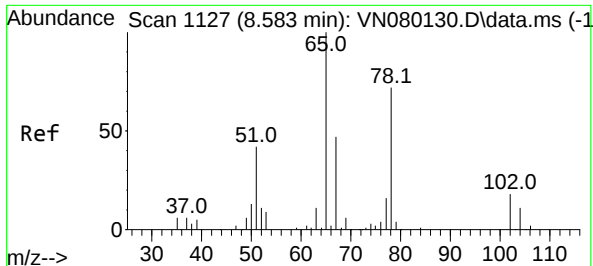


#32
1,1,1-Trichloroethane
Concen: 52.442 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



Tgt Ion: 97 Resp: 277266
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 42.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.790 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17114

Ion Ratio Lower Upper

65 100

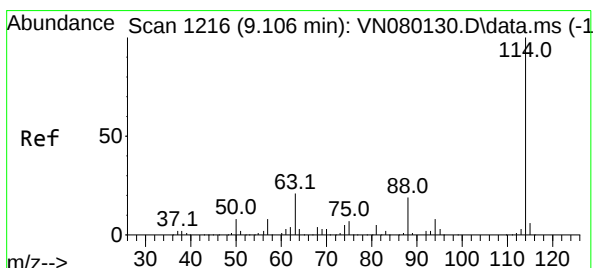
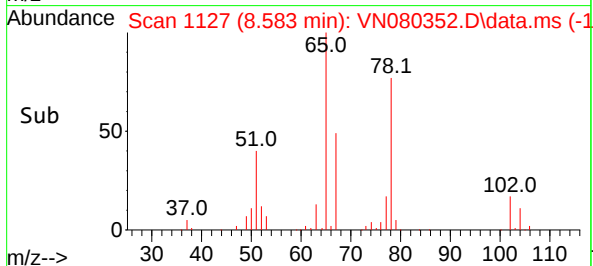
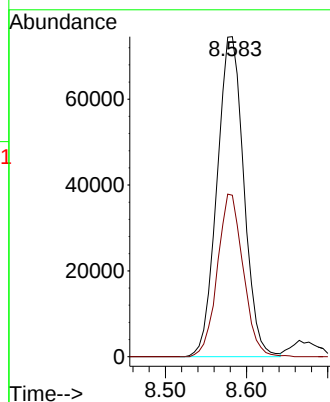
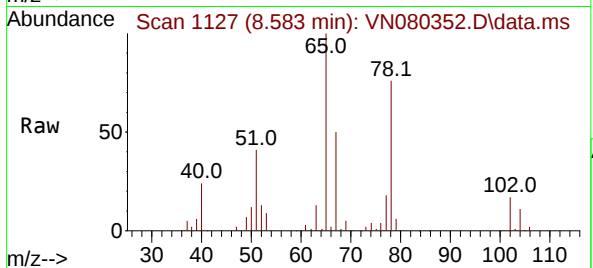
67 48.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

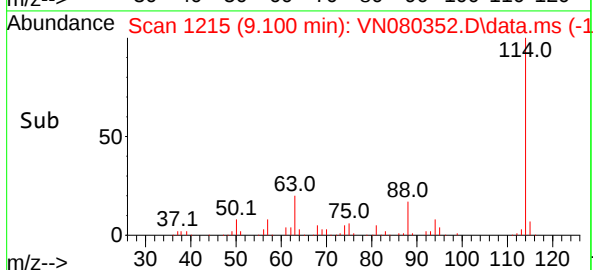
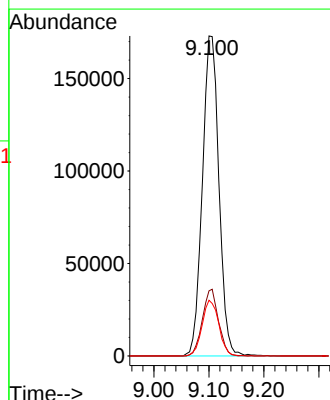
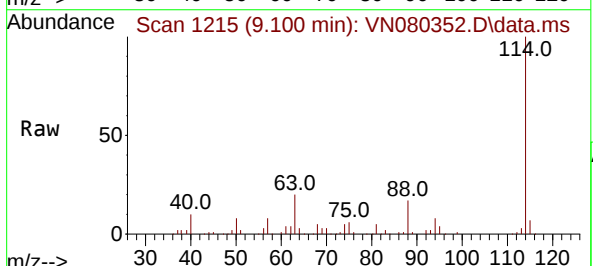
Tgt Ion:114 Resp: 362179

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 17.4 0.0 30.6





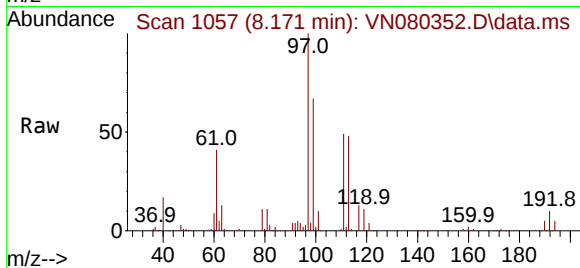
#35
Dibromofluoromethane
Concen: 47.777 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



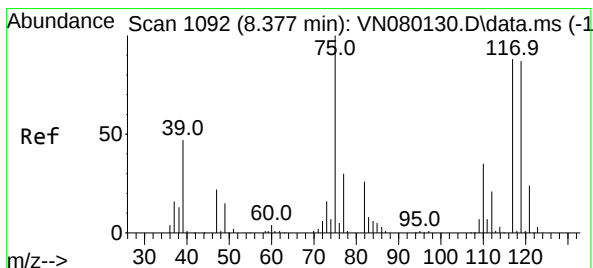
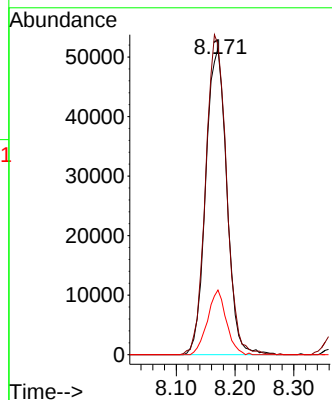
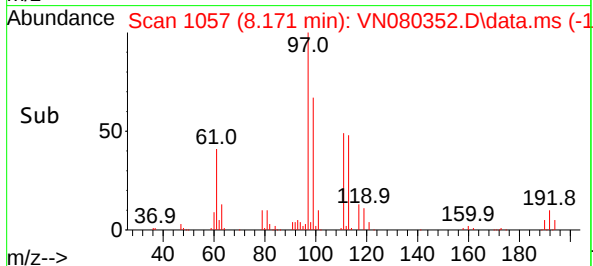
Tgt Ion:113 Resp: 127679
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 18.9 12.7 19.1

Manual Integrations

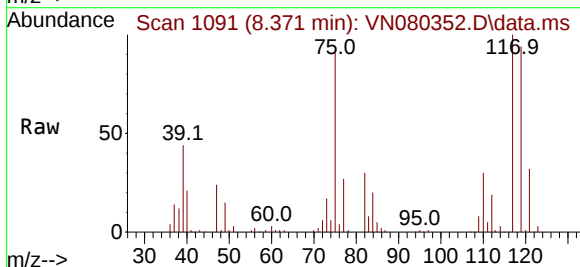
APPROVED

Reviewed By :John Carlone 12/05/2023

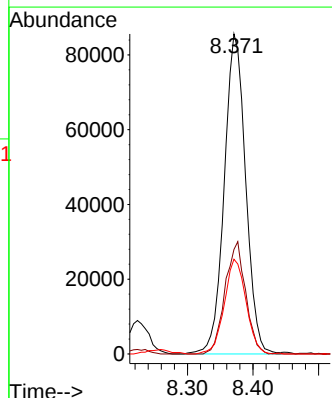
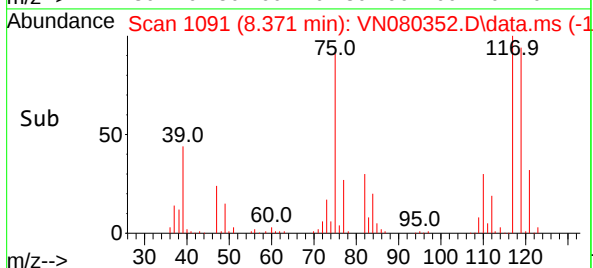
Supervised By :Mahesh Dadoda 12/05/2023

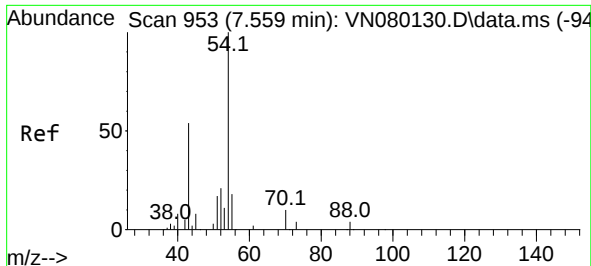


#36
1,1-Dichloropropene
Concen: 50.206 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



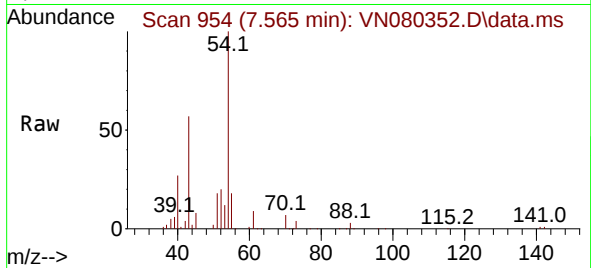
Tgt Ion: 75 Resp: 194254
Ion Ratio Lower Upper
75 100
110 33.7 19.1 57.3
77 30.0 25.0 37.4





#37
Ethyl Acetate
Concen: 48.736 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

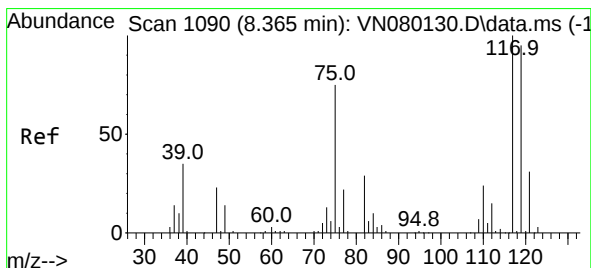
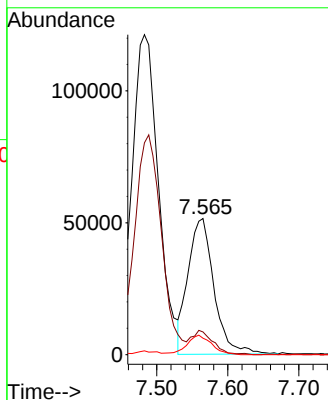
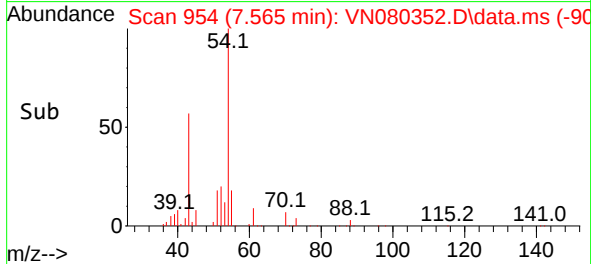
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 130790
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 13.7 11.3 16.9

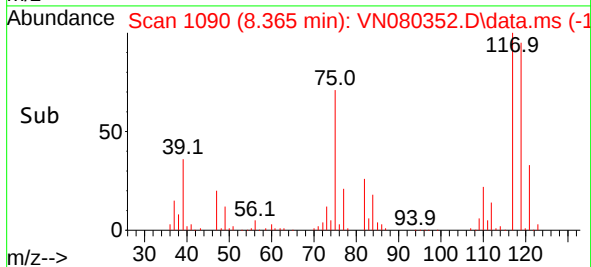
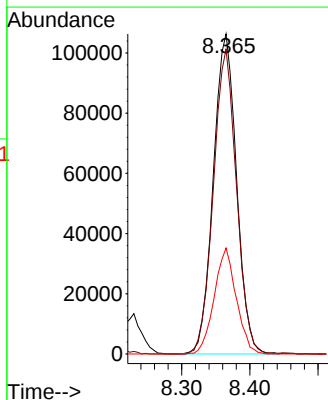
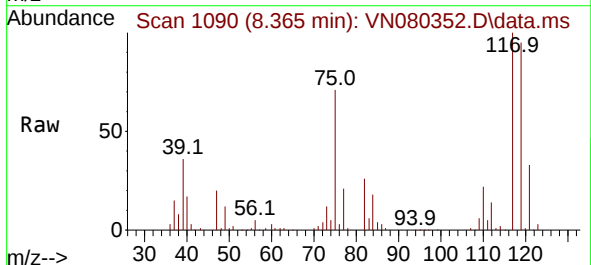
Manual Integrations
APPROVED

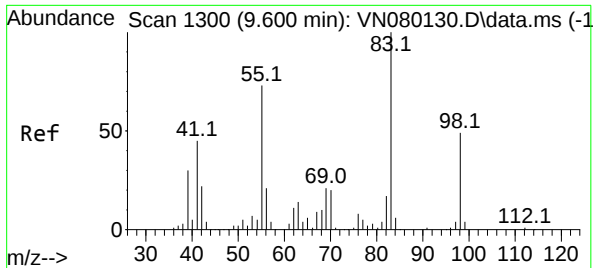
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#38
Carbon Tetrachloride
Concen: 51.278 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion:117 Resp: 251770
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
121 33.1 23.3 34.9





#39

Methylcyclohexane

Concen: 47.970 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 17895

Ion Ratio Lower Upper

83 100

55 76.3 49.1 73.7

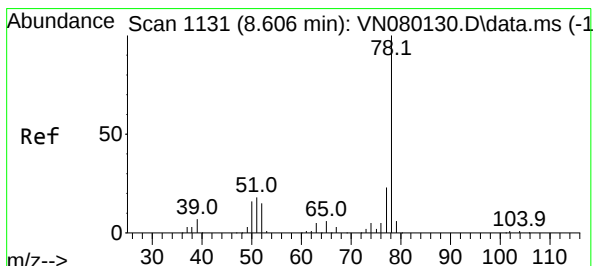
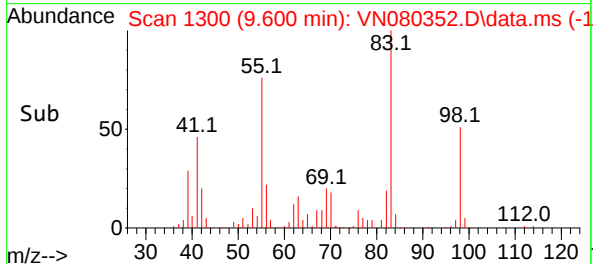
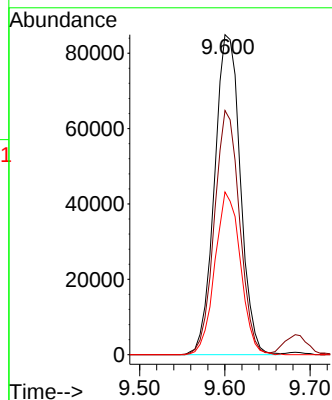
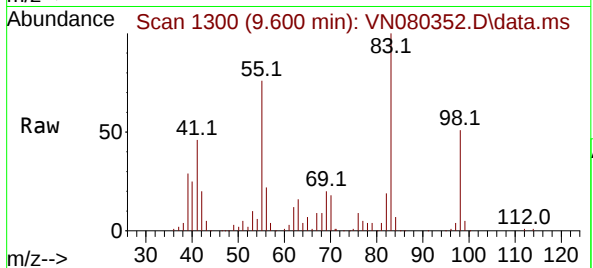
98 50.9 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#40

Benzene

Concen: 49.243 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080352.D

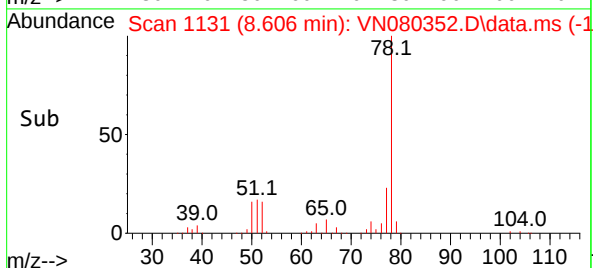
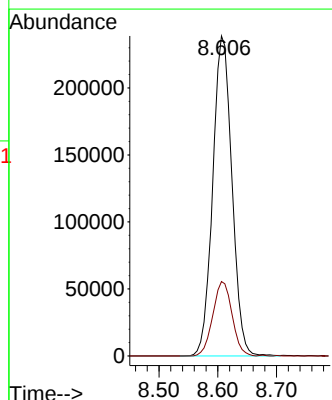
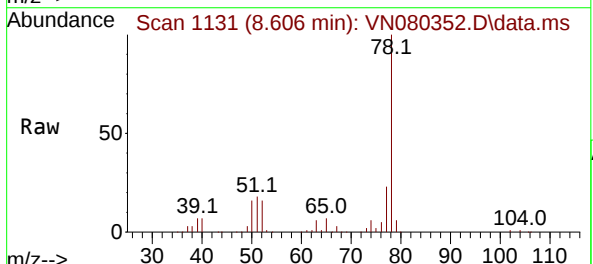
Acq: 04 Dec 2023 20:43

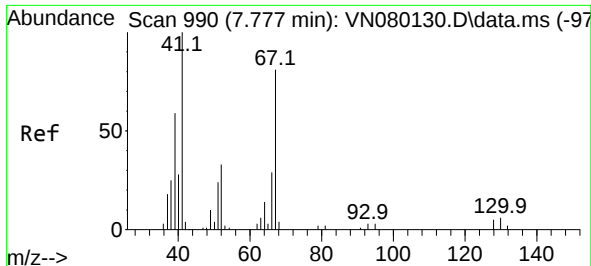
Tgt Ion: 78 Resp: 541504

Ion Ratio Lower Upper

78 100

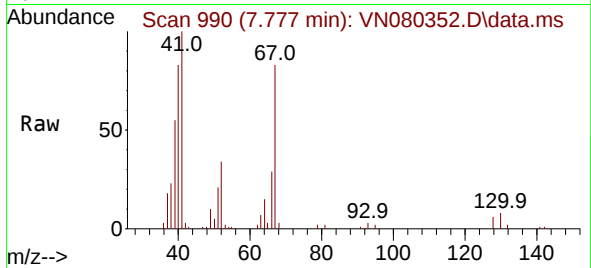
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 50.281 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

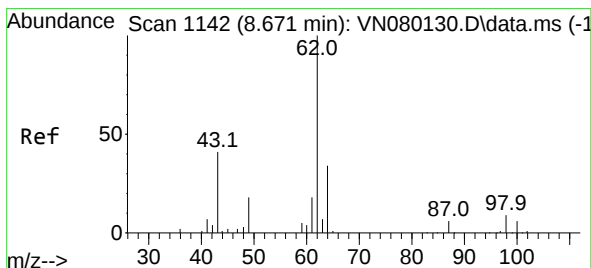
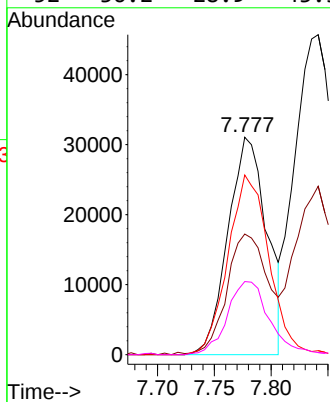
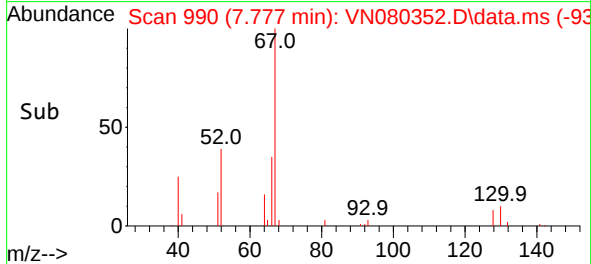
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 74100
Ion Ratio Lower Upper
41 100
39 59.2 42.6 64.0
67 86.8 77.5 116.3
52 36.2 28.9 43.3

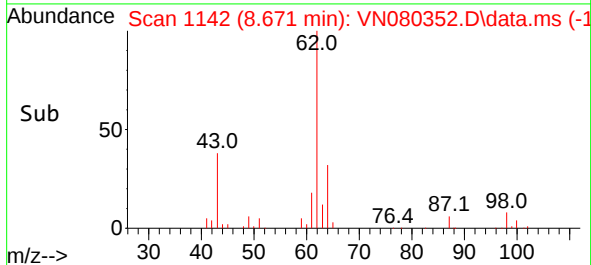
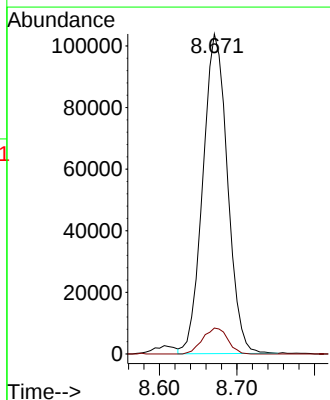
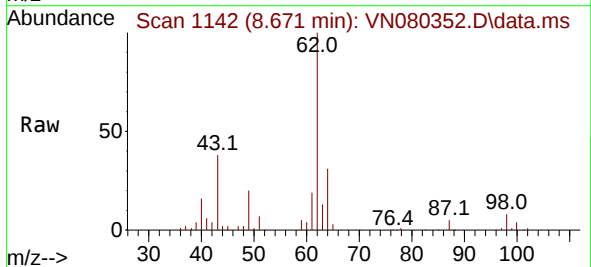
Manual Integrations
APPROVED

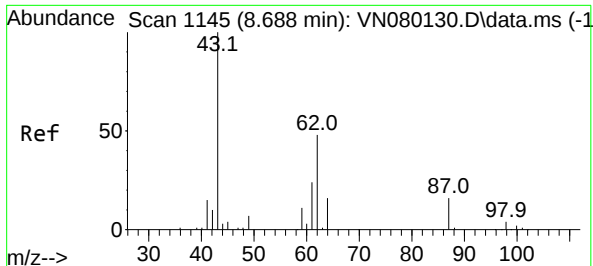
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#42
1,2-Dichloroethane
Concen: 51.023 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion: 62 Resp: 229548
Ion Ratio Lower Upper
62 100
98 8.2 0.0 19.8





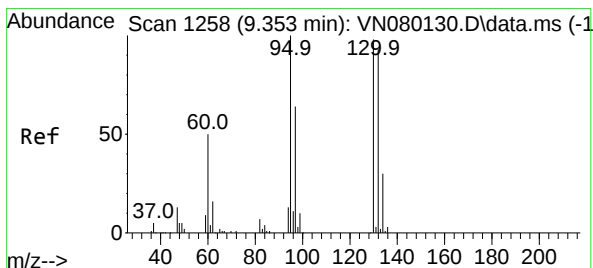
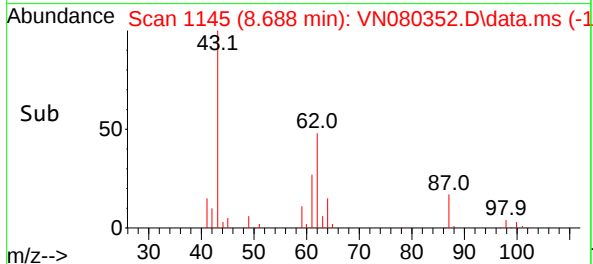
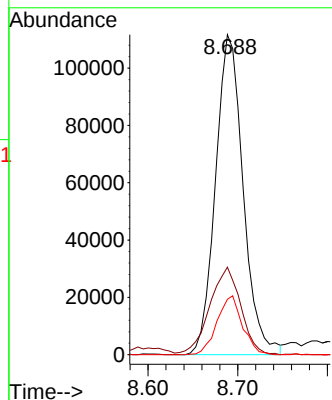
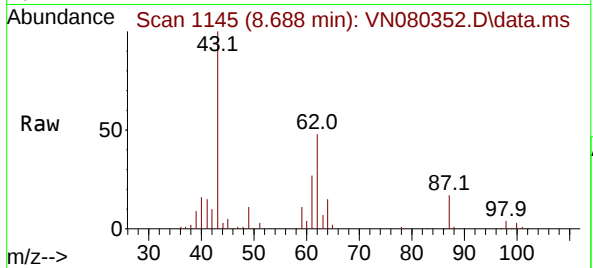
#43
Isopropyl Acetate
Concen: 45.746 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 238909
Ion Ratio Lower Upper
43 100
61 30.7 24.7 37.1
87 16.9 14.6 21.8

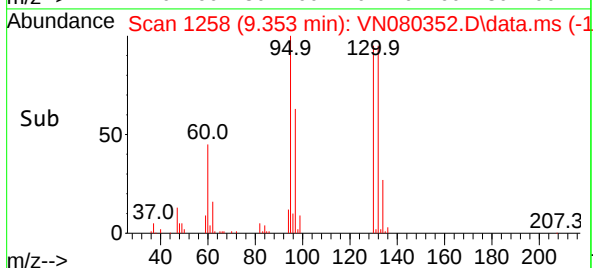
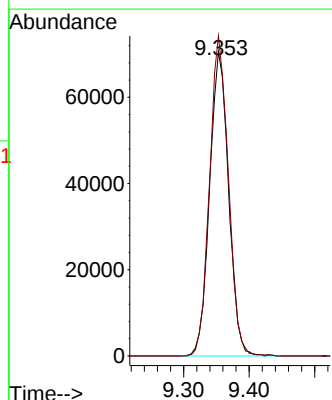
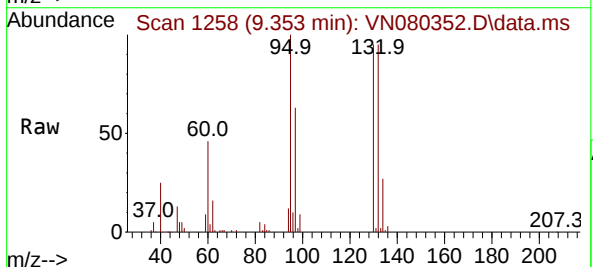
Manual Integrations
APPROVED

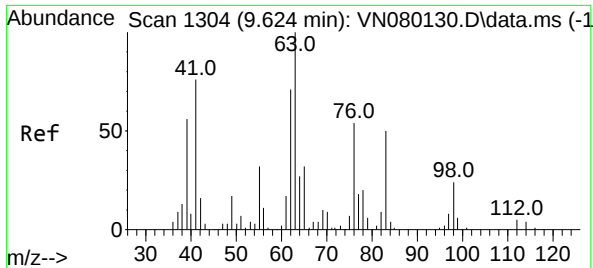
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#44
Trichloroethene
Concen: 49.140 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion:130 Resp: 141746
Ion Ratio Lower Upper
130 100
95 105.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 50.027 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

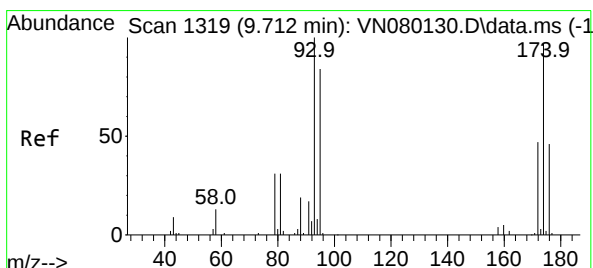
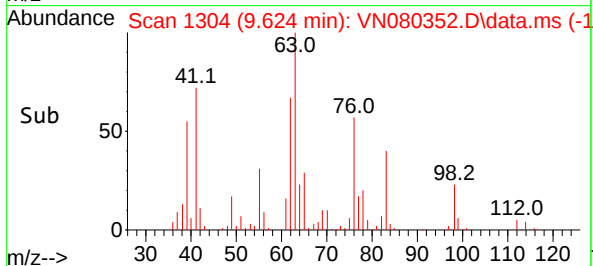
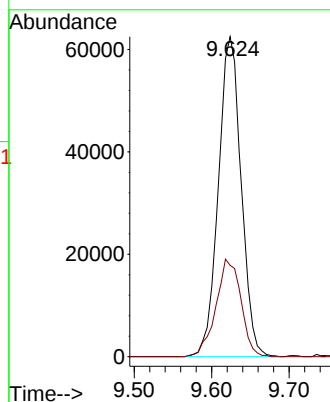
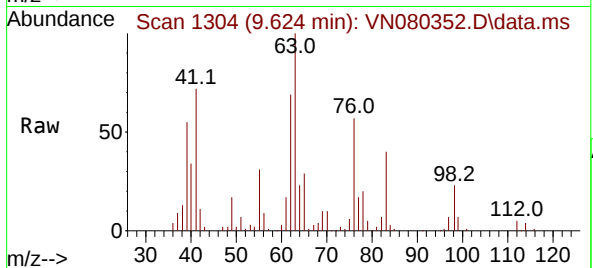
VSTDCCC050EC

Tgt Ion: 63 Resp: 127844
Ion Ratio Lower Upper
63 100
65 28.6 23.9 35.9

Manual Integrations

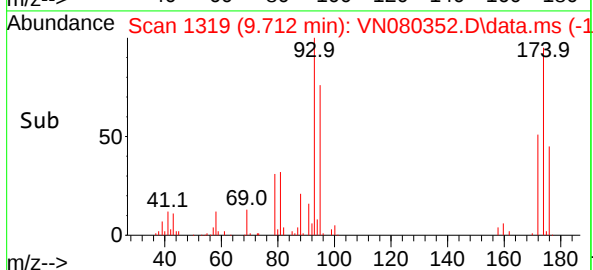
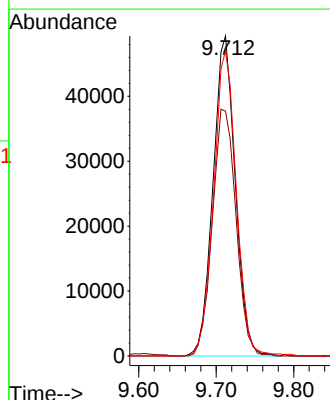
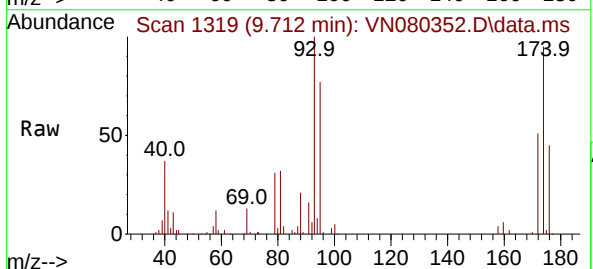
APPROVED

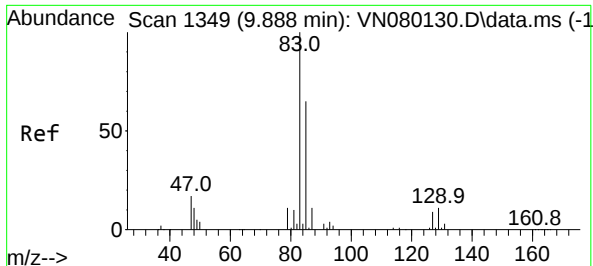
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#46
Dibromomethane
Concen: 50.756 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion: 93 Resp: 98184
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 97.4 65.6 98.4





#47

Bromodichloromethane

Concen: 51.378 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21862

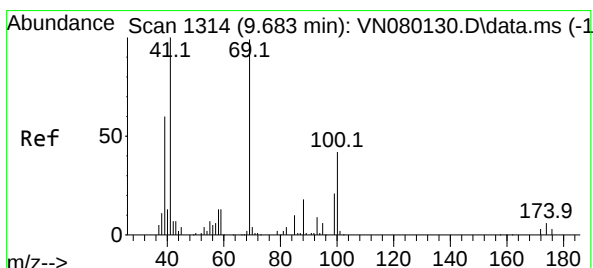
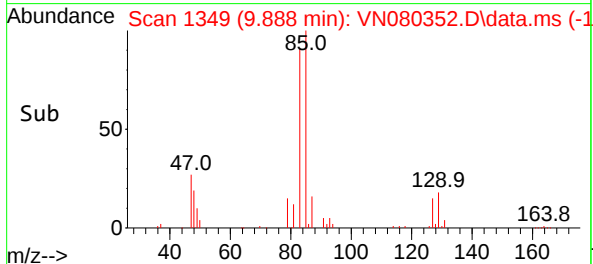
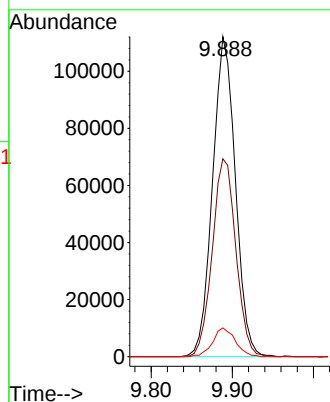
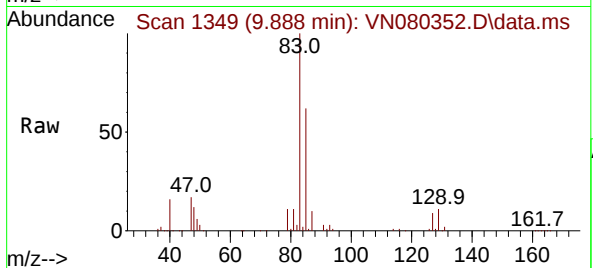
Ion	Ratio	Lower	Upper
83	100		
85	61.9	49.6	74.4
127	9.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#48

Methyl methacrylate

Concen: 50.241 ug/l

RT: 9.682 min Scan# 1314

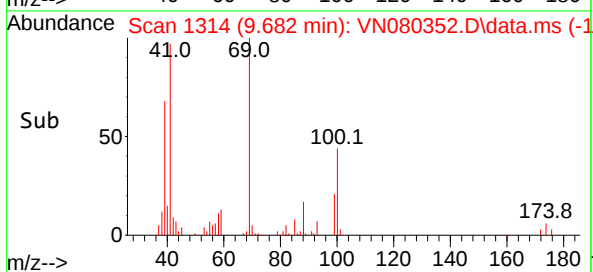
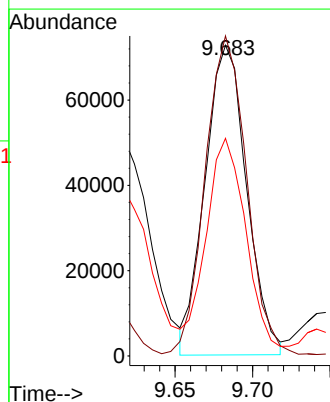
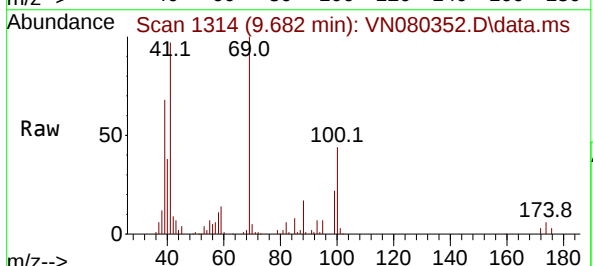
Delta R.T. -0.000 min

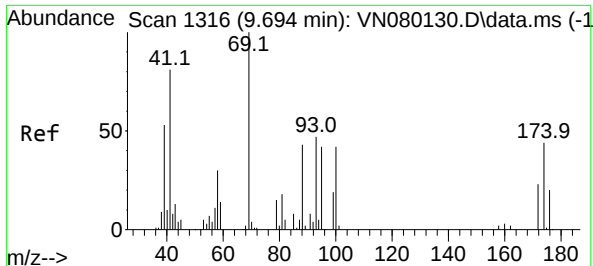
Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Tgt Ion: 41 Resp: 135217

Ion	Ratio	Lower	Upper
41	100		
69	104.0	90.4	135.6
39	68.6	54.6	81.8





#49

1,4-Dioxane

Concen: 991.756 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4440

Ion Ratio Lower Upper

88 100

43 28.9 17.0 25.6

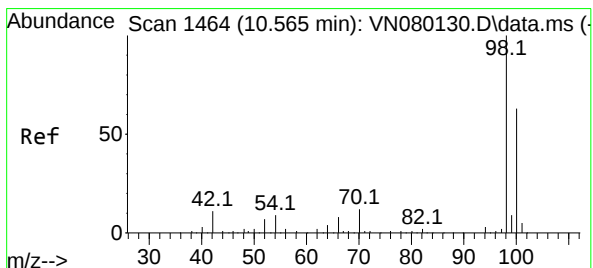
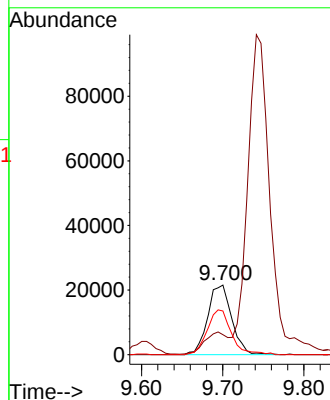
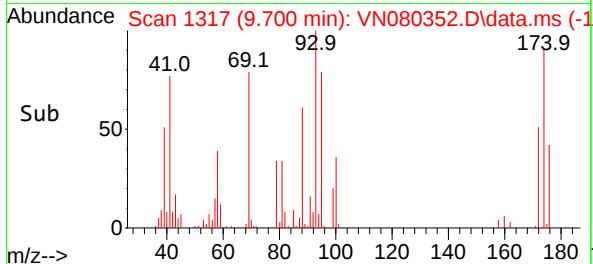
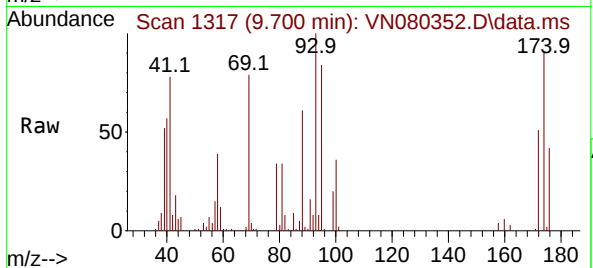
58 64.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#50

Toluene-d8

Concen: 45.752 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080352.D

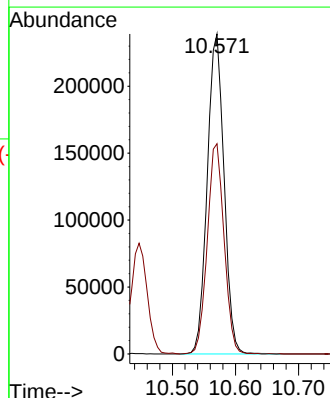
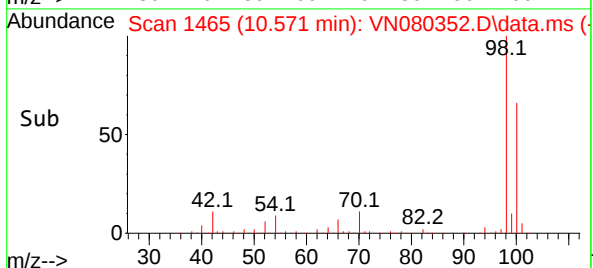
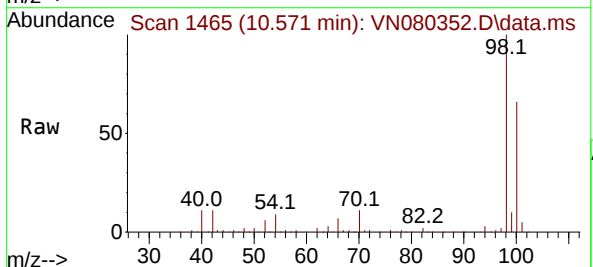
Acq: 04 Dec 2023 20:43

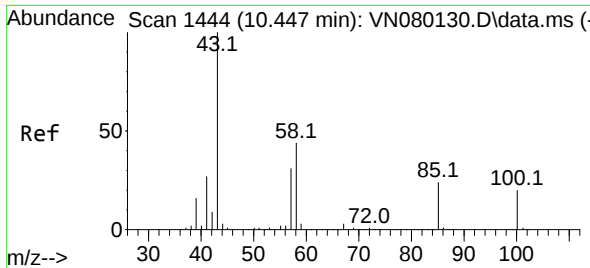
Tgt Ion: 98 Resp: 440754

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0





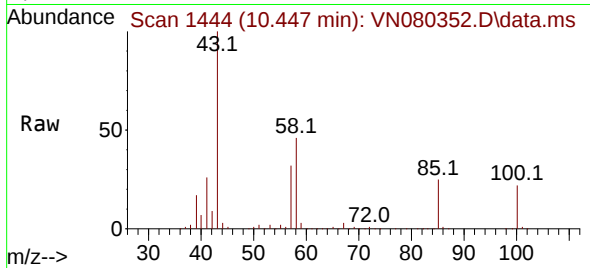
#51
4-Methyl-2-Pentanone
Concen: 247.966 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



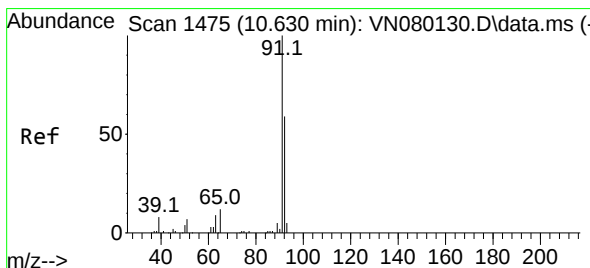
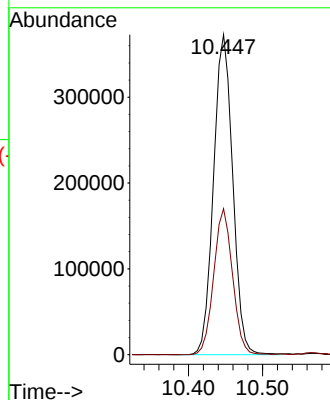
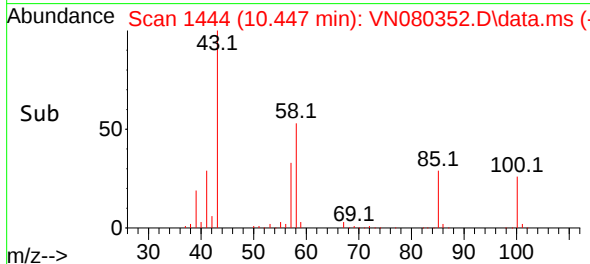
Tgt Ion: 43 Resp: 670456
Ion Ratio Lower Upper
43 100
58 44.7 36.6 54.8

Manual Integrations

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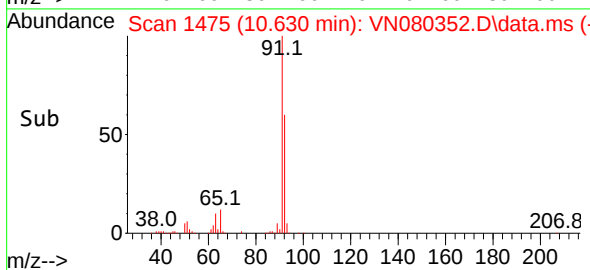
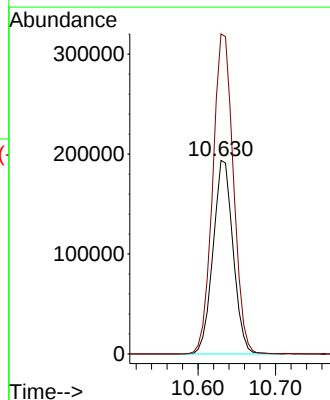
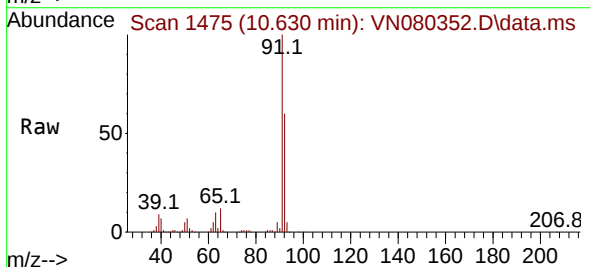
Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#52
Toluene
Concen: 50.649 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

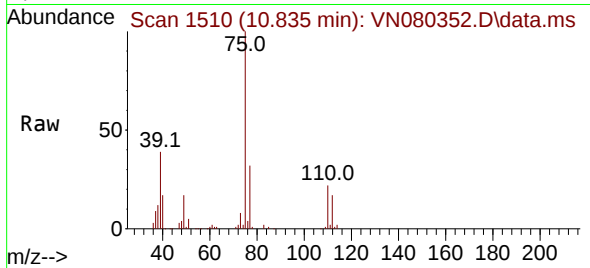
Tgt Ion: 92 Resp: 348557
Ion Ratio Lower Upper
92 100
91 170.9 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.172 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

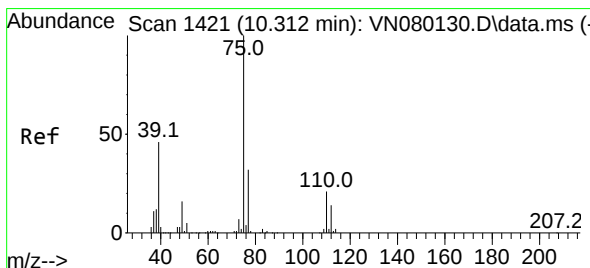
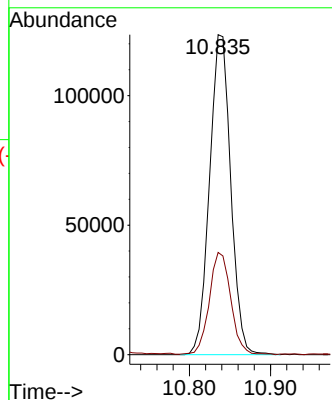
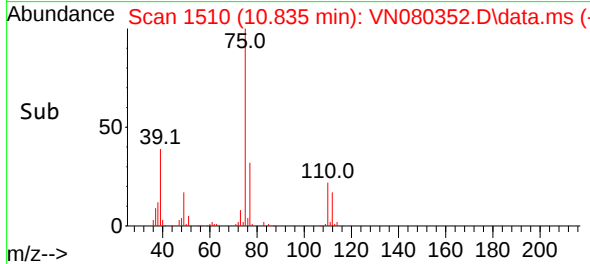
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



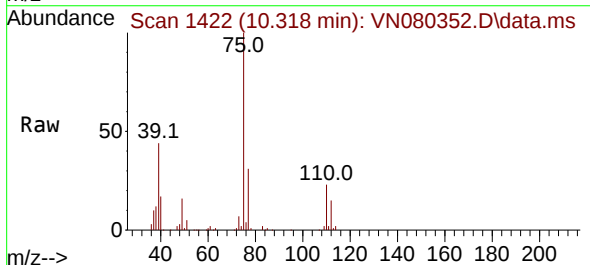
Tgt Ion: 75 Resp: 223719
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

Manual Integrations
APPROVED

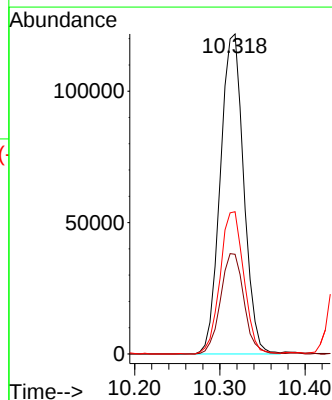
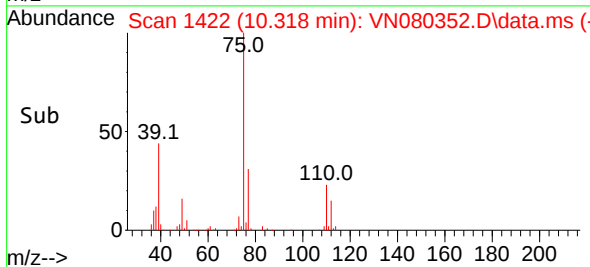
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

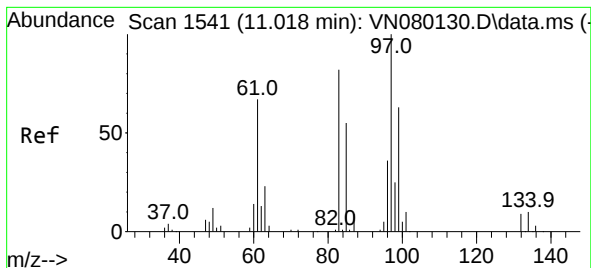


#54
cis-1,3-Dichloropropene
Concen: 51.880 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



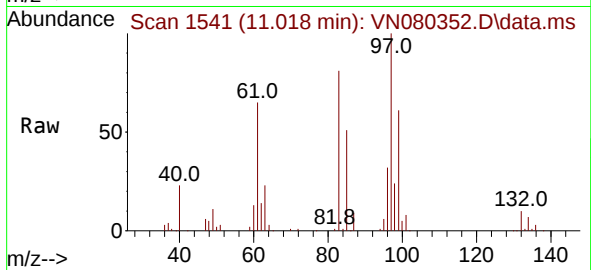
Tgt Ion: 75 Resp: 231726
Ion Ratio Lower Upper
75 100
77 31.1 26.1 39.1
39 44.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 49.479 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

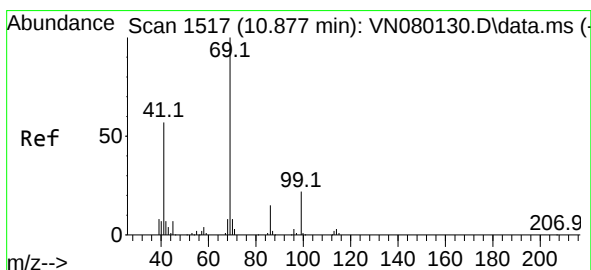
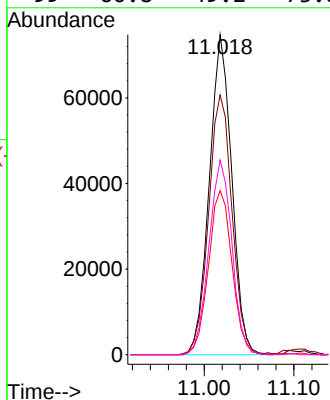
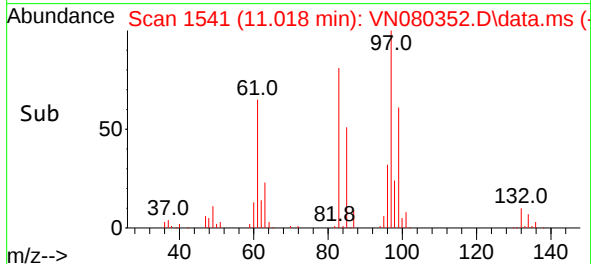
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



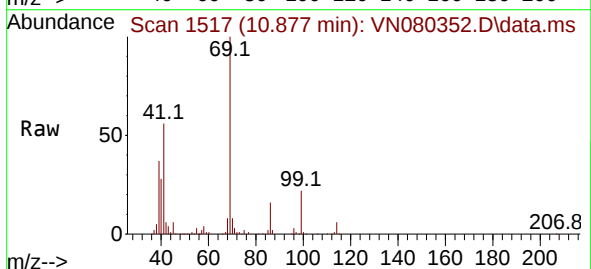
Tgt Ion: 97 Resp: 12996
Ion Ratio Lower Upper
97 100
83 81.2 65.1 97.7
85 51.2 43.4 65.2
99 60.8 49.2 73.8

Manual Integrations
APPROVED

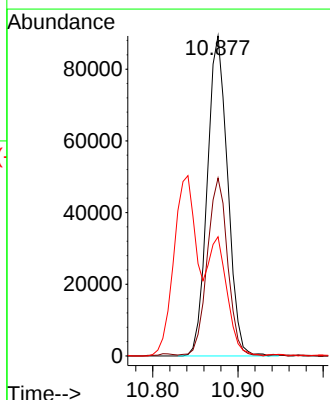
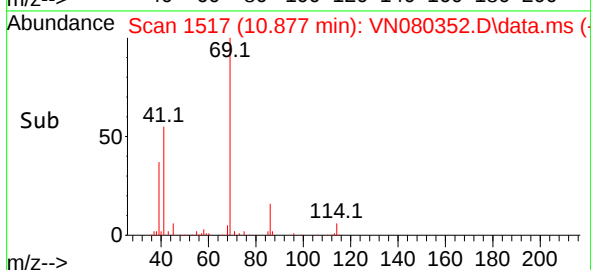
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

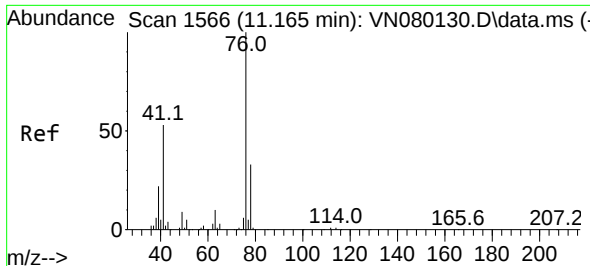


#56
Ethyl methacrylate
Concen: 55.122 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



Tgt Ion: 69 Resp: 147909
Ion Ratio Lower Upper
69 100
41 54.9 39.6 59.4
39 34.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.359 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23094

Ion Ratio Lower Upper

76 100

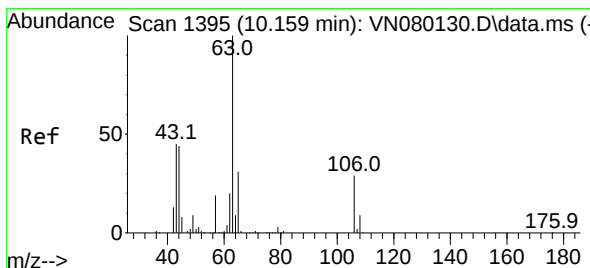
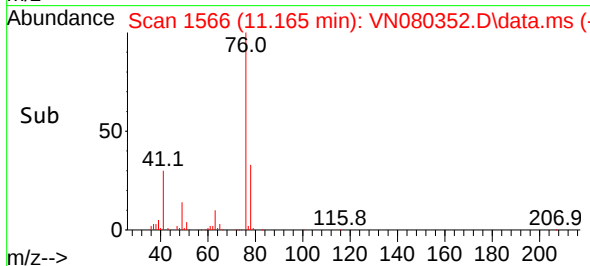
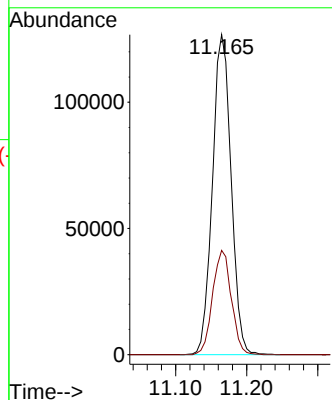
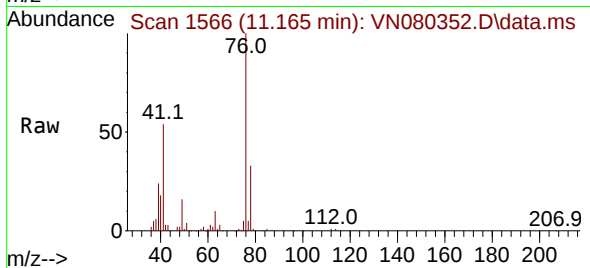
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.678 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN080352.D

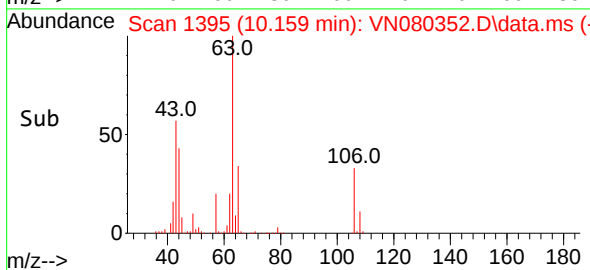
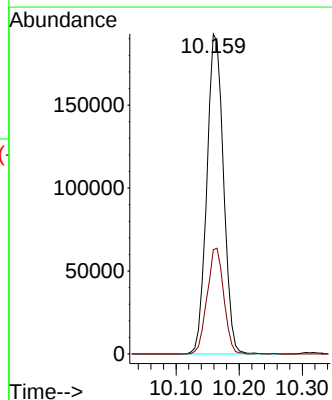
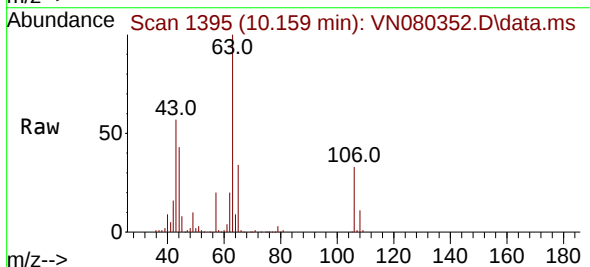
Acq: 04 Dec 2023 20:43

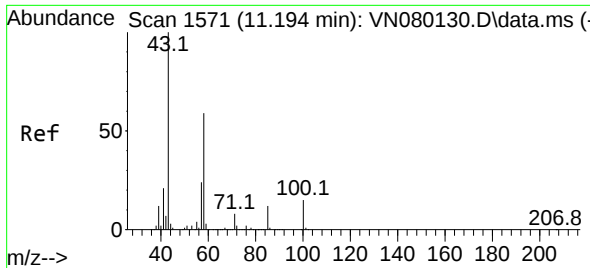
Tgt Ion: 63 Resp: 353247

Ion Ratio Lower Upper

63 100

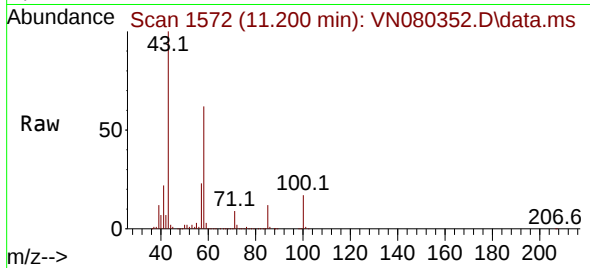
106 33.0 26.2 39.4





#59
2-Hexanone
Concen: 228.852 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

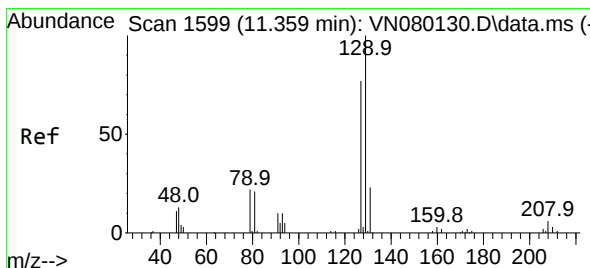
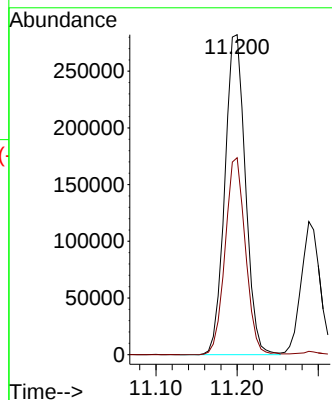
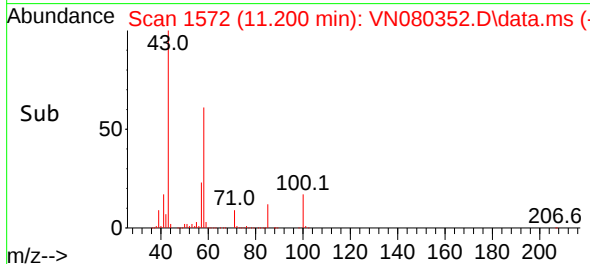
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49722
Ion Ratio Lower Upper
43 100
58 60.8 31.7 95.1

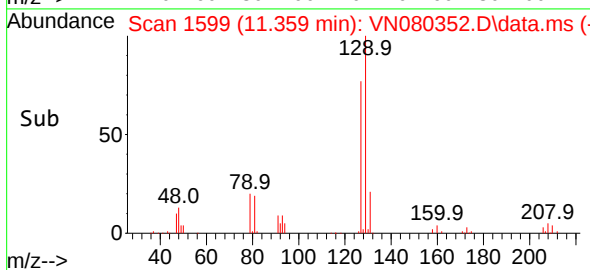
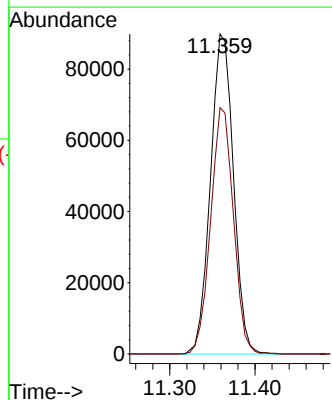
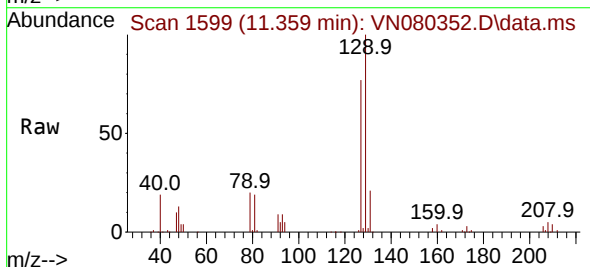
Manual Integrations
APPROVED

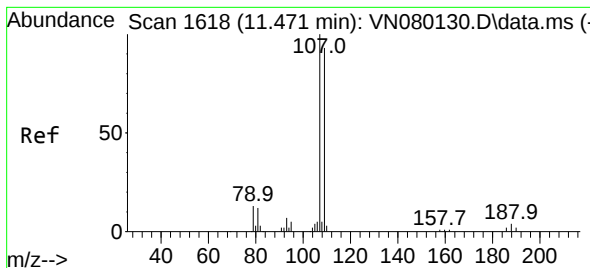
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#60
Dibromochloromethane
Concen: 53.641 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

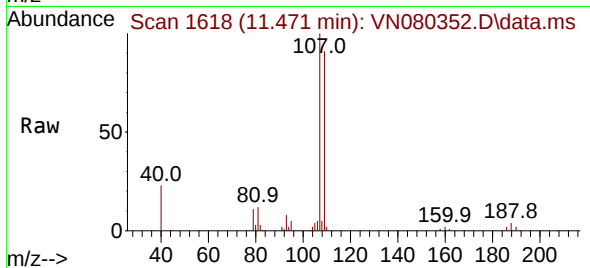
Tgt Ion:129 Resp: 168680
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.710 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

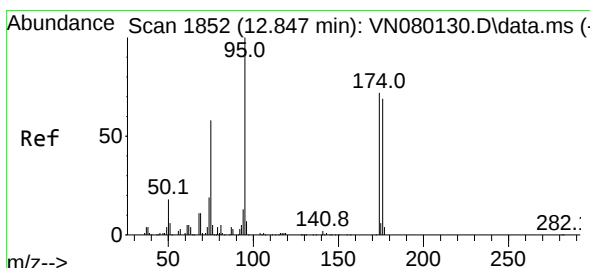
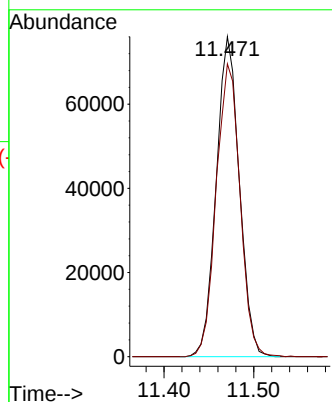
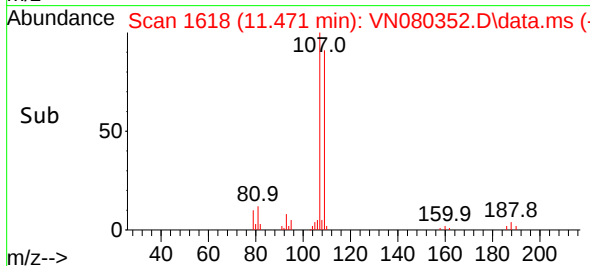
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



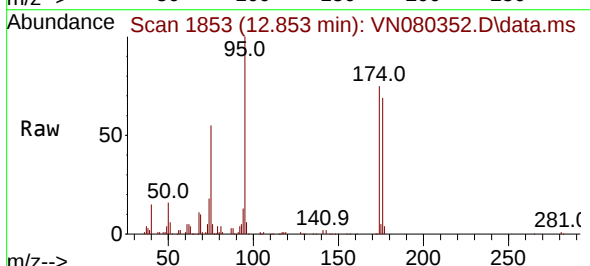
Tgt Ion:107 Resp: 13588
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

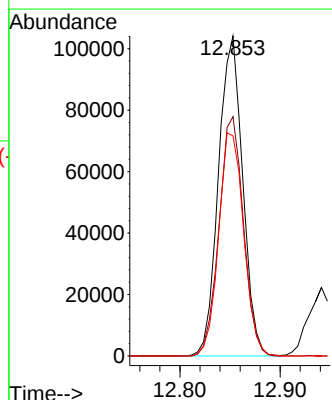
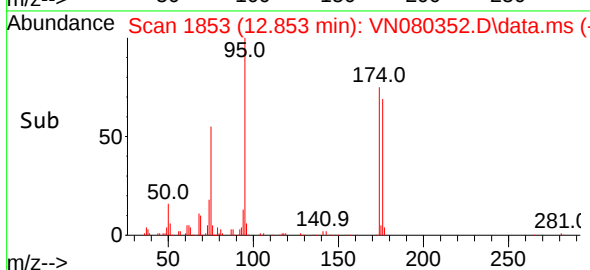
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

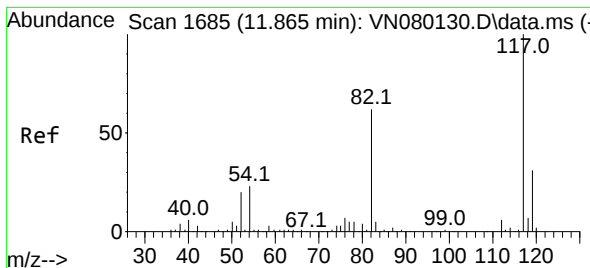


#62
4-Bromofluorobenzene
Concen: 47.901 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



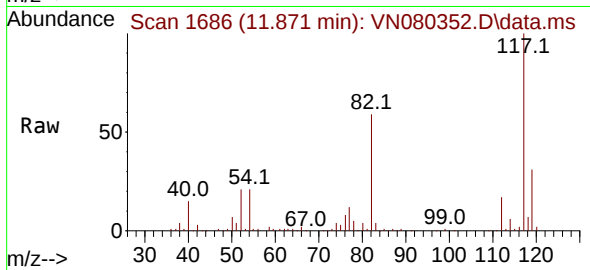
Tgt Ion: 95 Resp: 174300
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 71.9 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

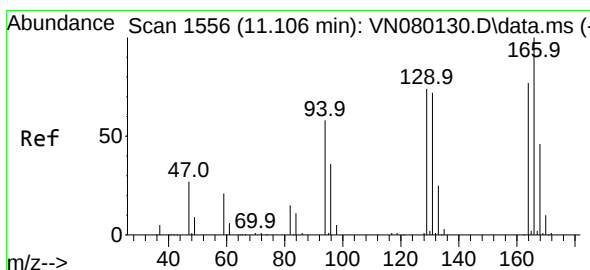
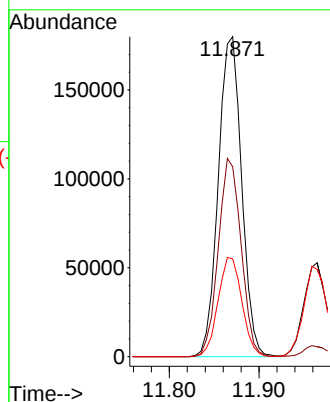
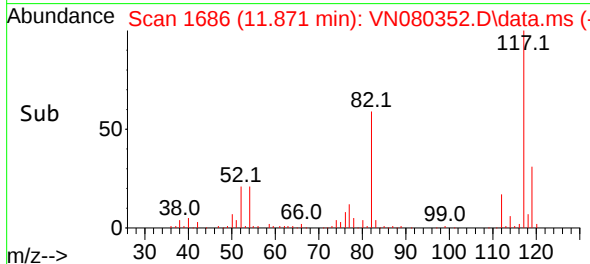
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 325083
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 30.6 25.6 38.4

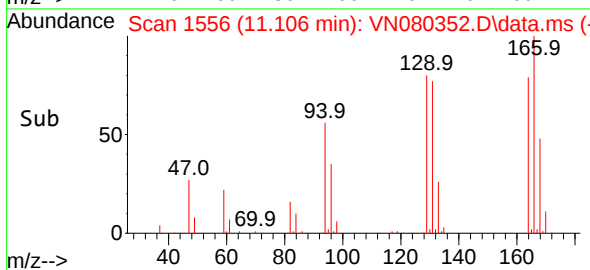
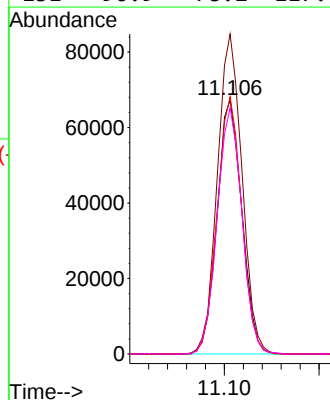
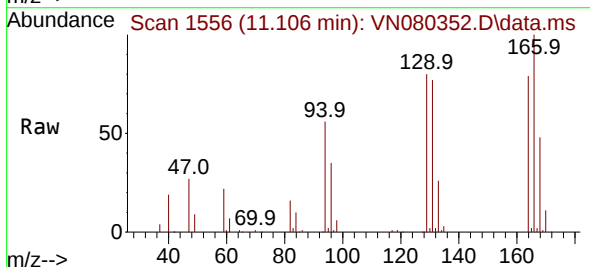
Manual Integrations
APPROVED

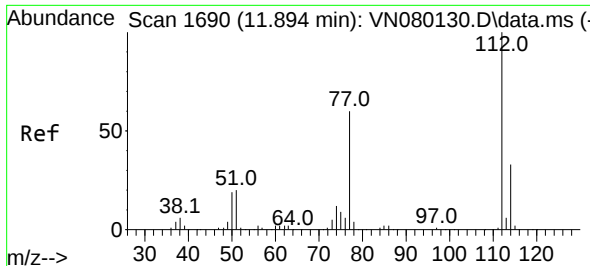
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#64
Tetrachloroethene
Concen: 49.249 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

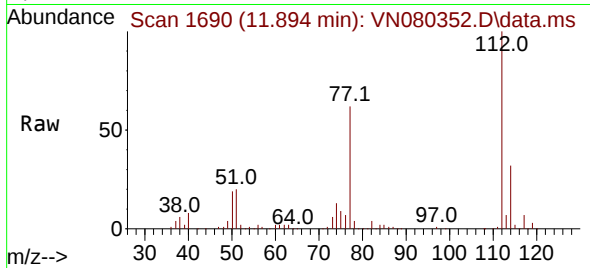
Tgt Ion:164 Resp: 122183
Ion Ratio Lower Upper
164 100
166 125.9 101.4 152.0
129 101.2 82.4 123.6
131 96.9 78.2 117.4





#65
Chlorobenzene
Concen: 49.885 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

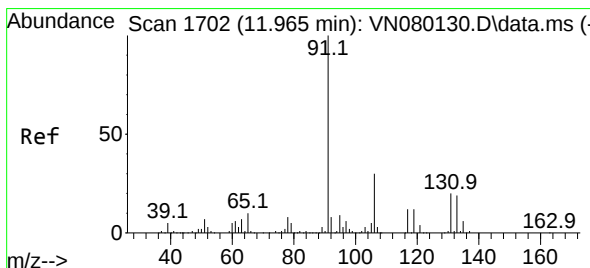
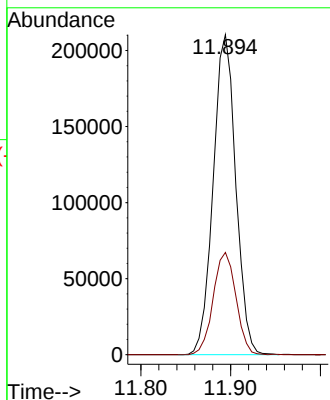
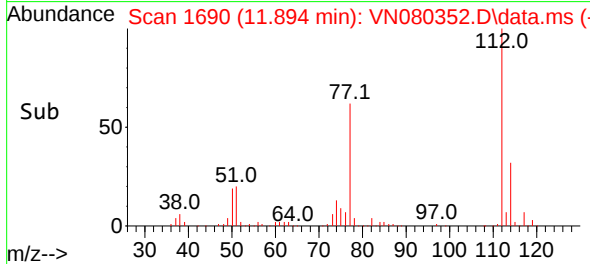
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 367464
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4

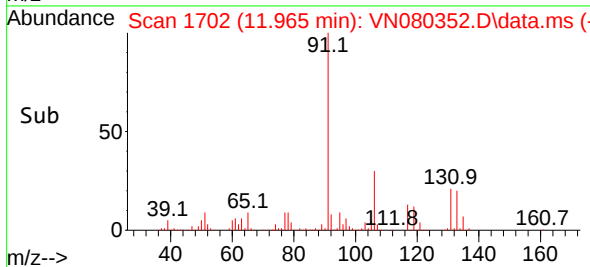
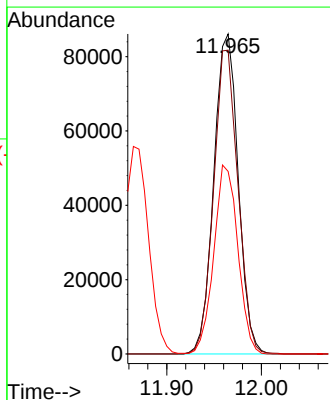
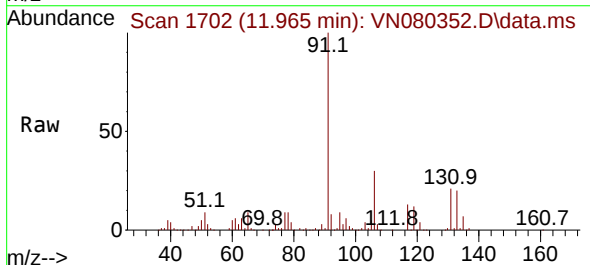
Manual Integrations
APPROVED

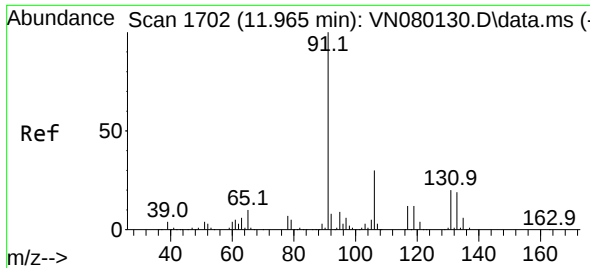
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.930 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

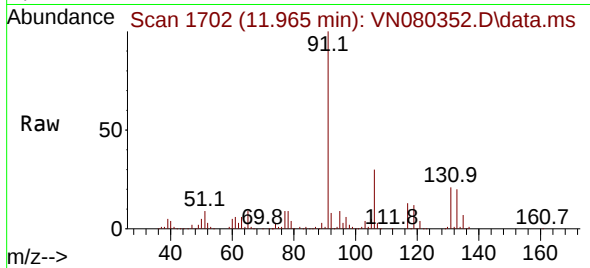
Tgt Ion:131 Resp: 154161
Ion Ratio Lower Upper
131 100
133 94.9 46.4 139.1
119 58.4 34.1 102.2





#67
Ethyl Benzene
Concen: 52.178 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

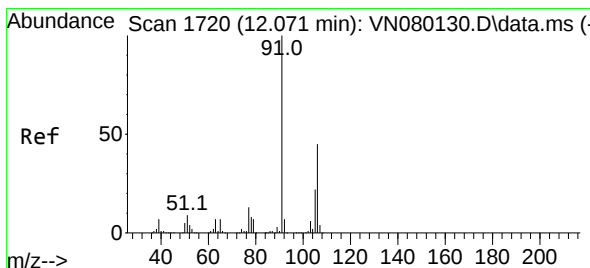
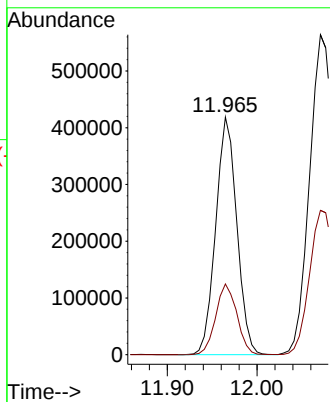
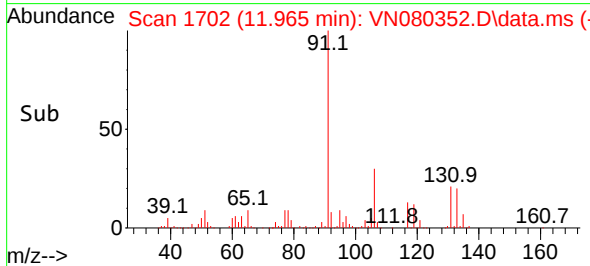
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



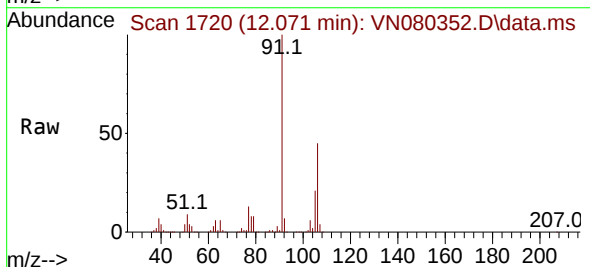
Tgt Ion: 91 Resp: 683930
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

Manual Integrations
APPROVED

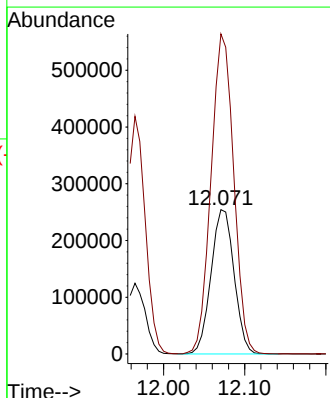
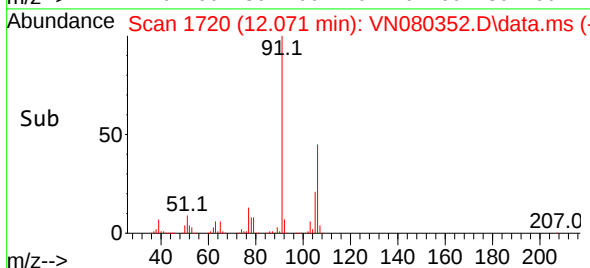
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#68
m/p-Xylenes
Concen: 105.059 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



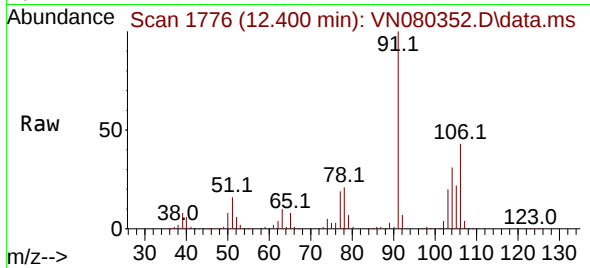
Tgt Ion:106 Resp: 502092
Ion Ratio Lower Upper
106 100
91 218.3 159.6 239.4





#69
o-Xylene
Concen: 54.181 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

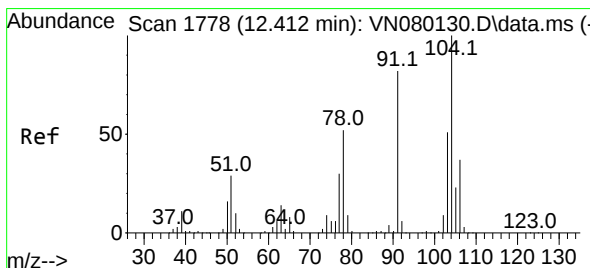
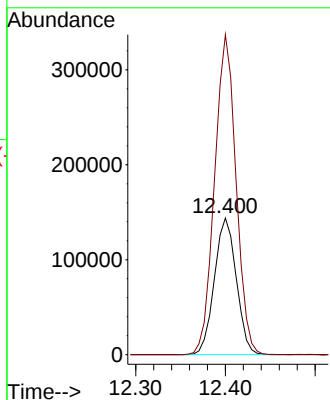
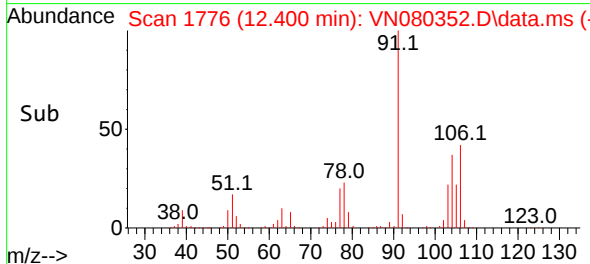
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 244029
Ion Ratio Lower Upper
106 100
91 229.5 105.2 315.5

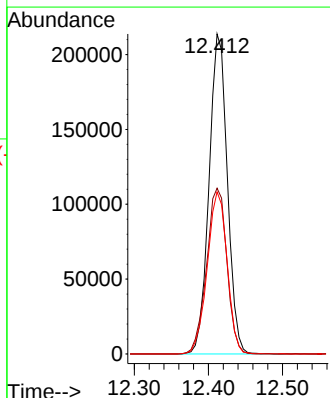
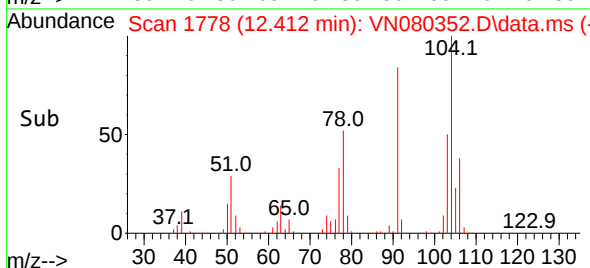
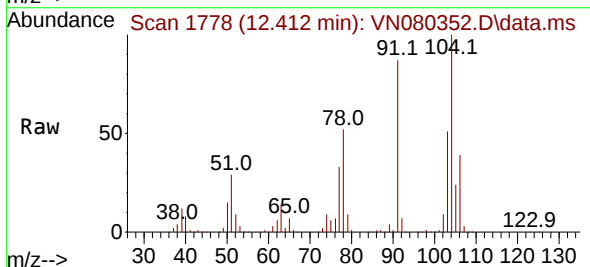
Manual Integrations
APPROVED

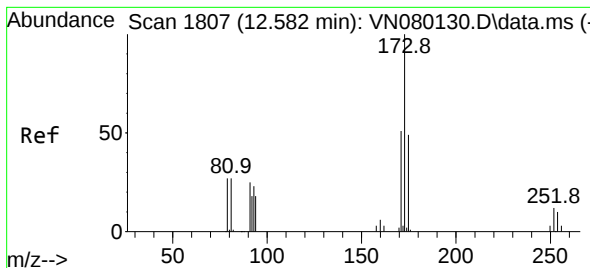
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#70
Styrene
Concen: 54.721 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion:104 Resp: 366829
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 54.9 43.2 64.8





#71

Bromoform

Concen: 54.185 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 114864

Ion Ratio Lower Upper

173 100

175 48.0 24.3 73.0

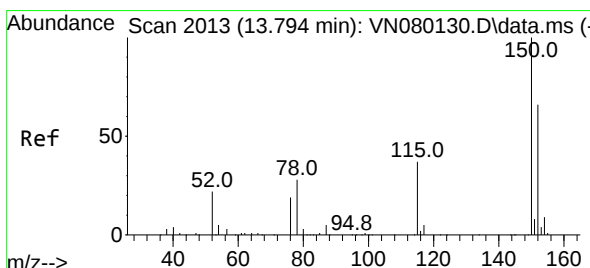
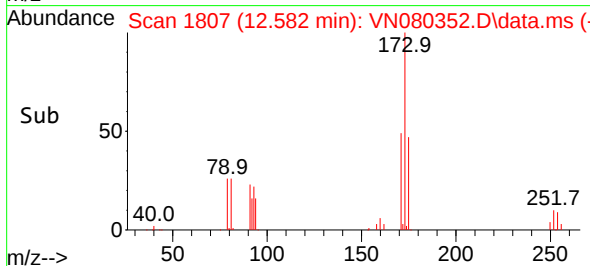
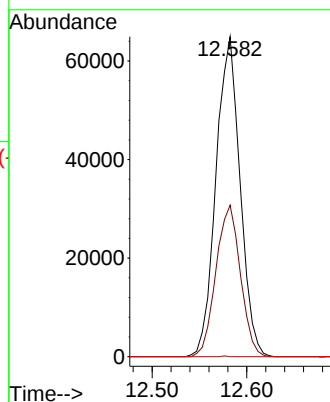
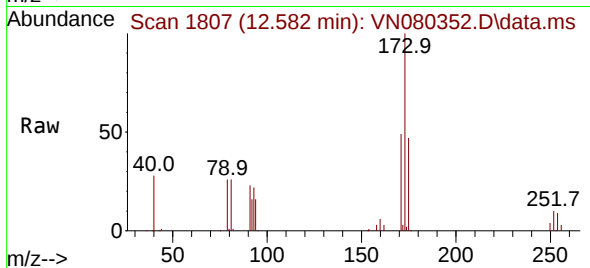
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

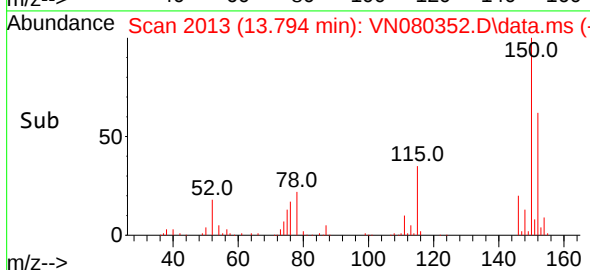
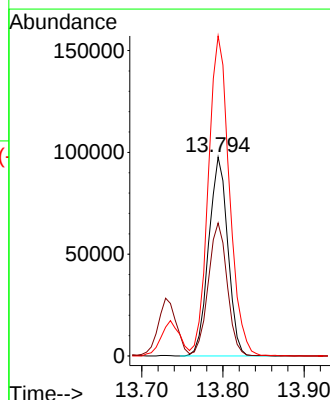
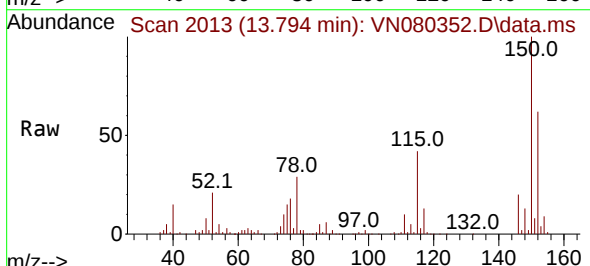
Tgt Ion:152 Resp: 159745

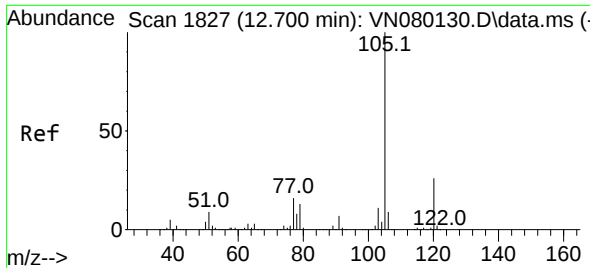
Ion Ratio Lower Upper

152 100

115 66.3 32.3 96.8

150 176.9 0.0 355.8





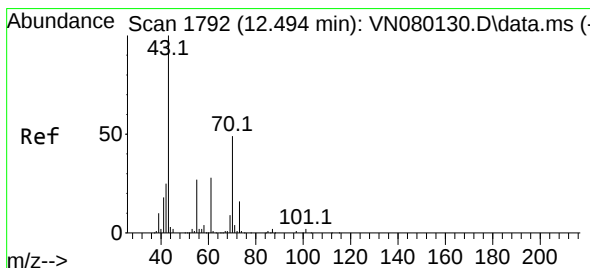
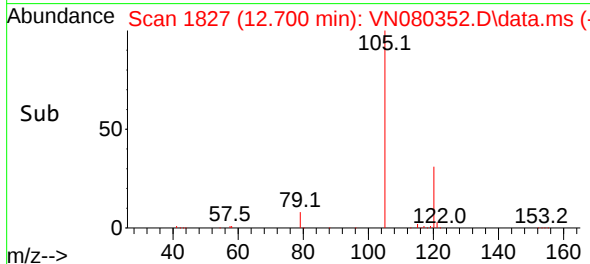
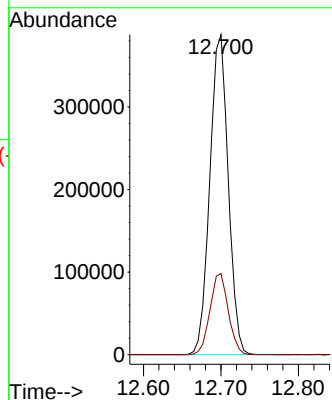
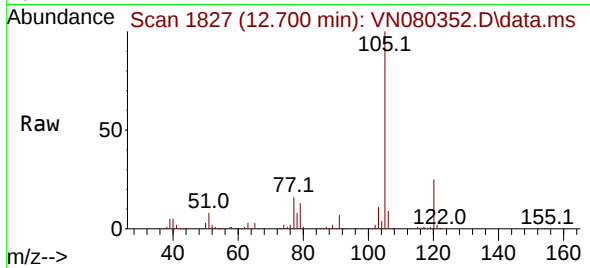
#73
Isopropylbenzene
Concen: 51.512 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 63943
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1

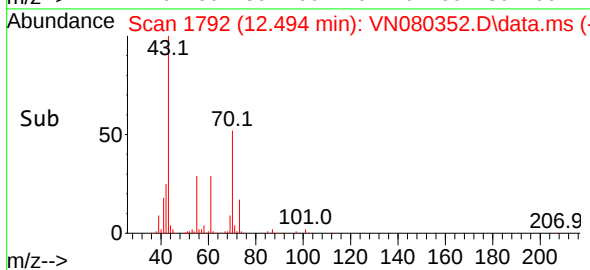
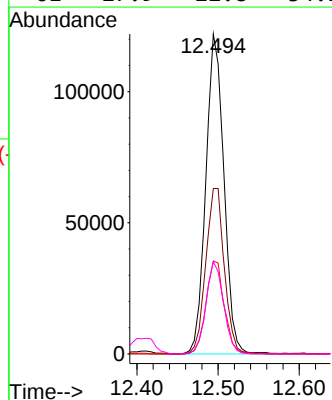
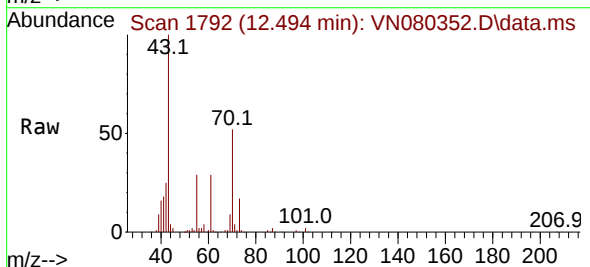
Manual Integrations
APPROVED

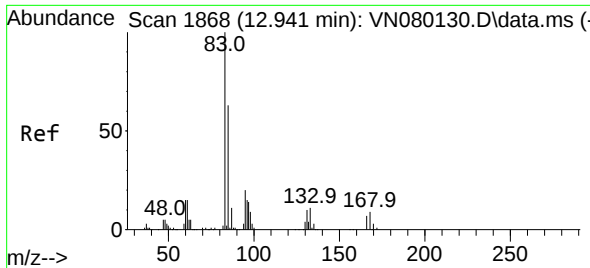
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#74
N-ethyl acetate
Concen: 48.784 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

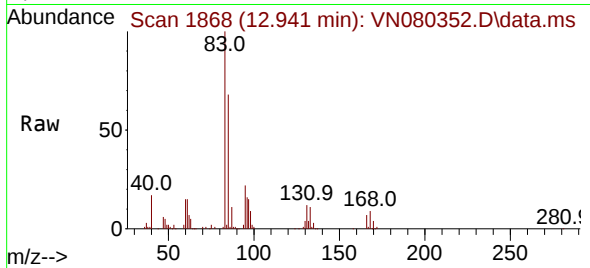
Tgt Ion: 43 Resp: 188846
Ion Ratio Lower Upper
43 100
70 52.9 43.4 65.2
55 29.5 21.4 32.0
61 27.9 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.687 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

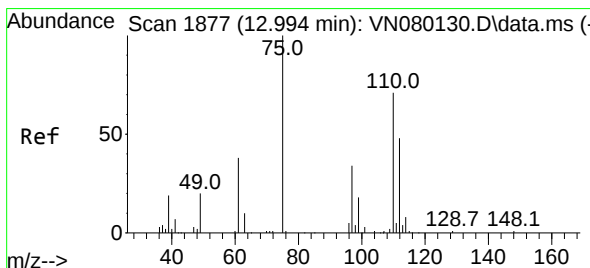
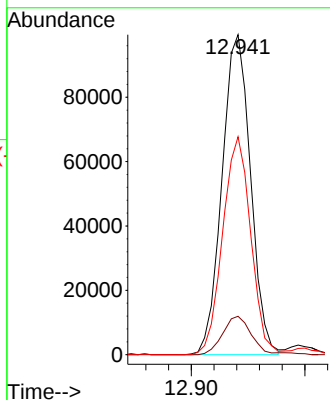
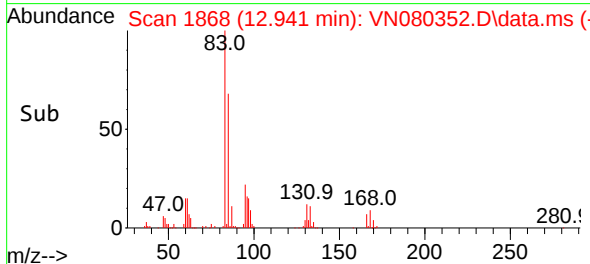
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



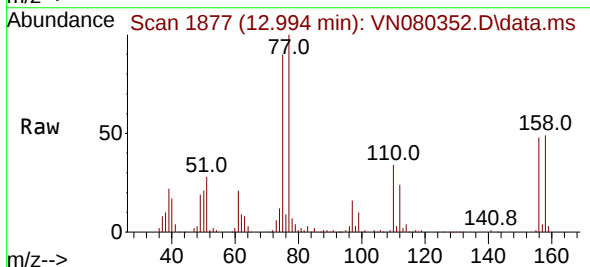
Tgt Ion: 83 Resp: 173454
Ion Ratio Lower Upper
83 100
131 12.3 5.0 15.0
85 67.0 31.9 95.7

Manual Integrations
APPROVED

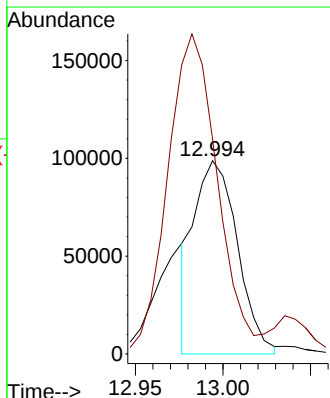
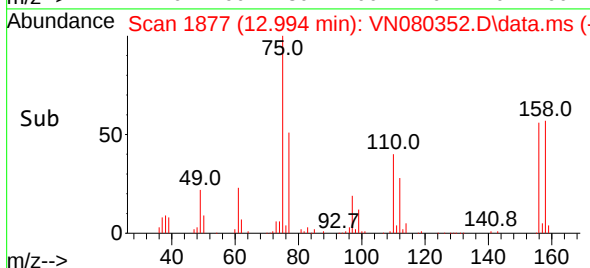
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

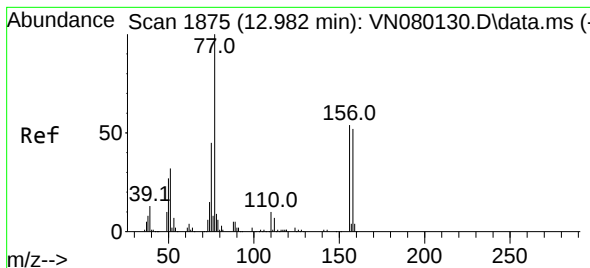


#76
1,2,3-Trichloropropane
Concen: 43.244 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



Tgt Ion: 75 Resp: 169258
Ion Ratio Lower Upper
75 100
77 190.3 84.5 253.5





#77

Bromobenzene

Concen: 50.206 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 157129

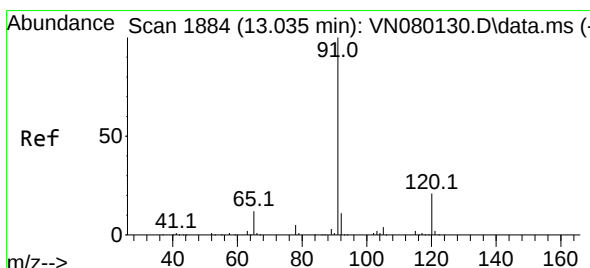
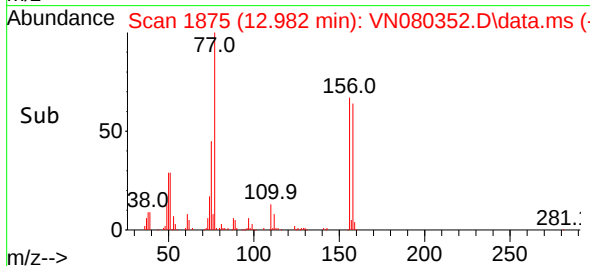
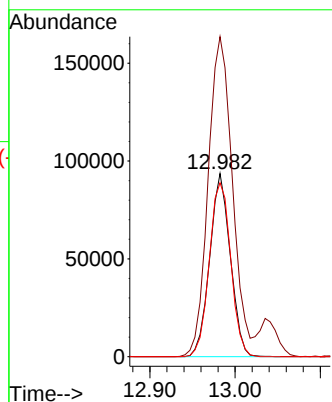
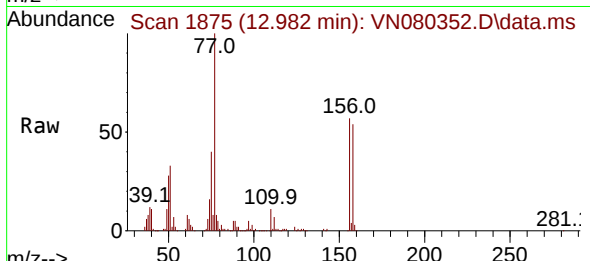
Ion	Ratio	Lower	Upper
156	100		
77	205.0	107.7	323.3
158	98.9	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#78

n-propylbenzene

Concen: 50.567 ug/l

RT: 13.035 min Scan# 1884

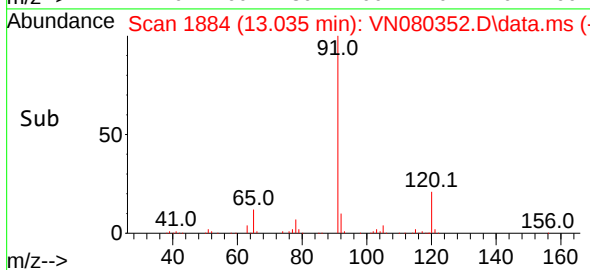
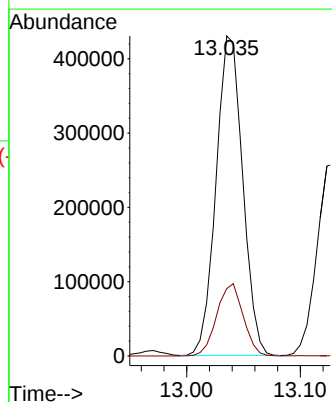
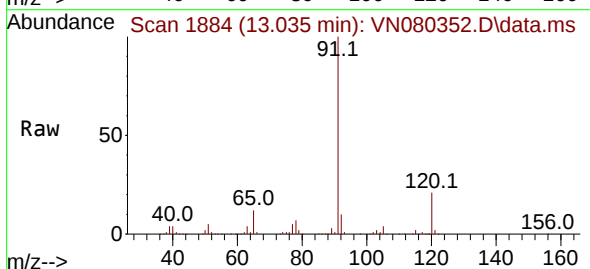
Delta R.T. -0.000 min

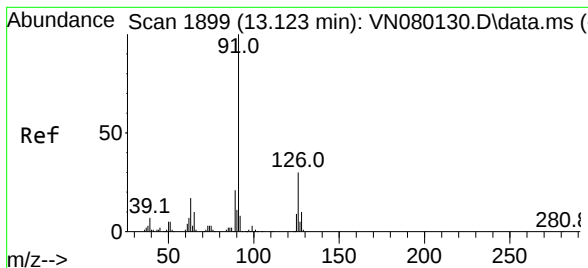
Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Tgt Ion: 91 Resp: 701924

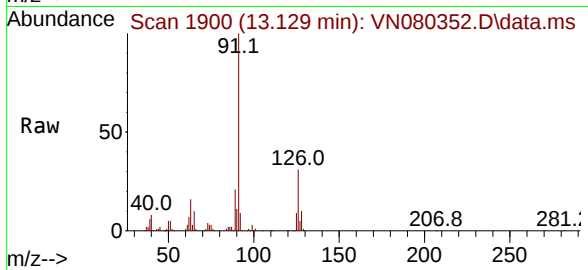
Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.625 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

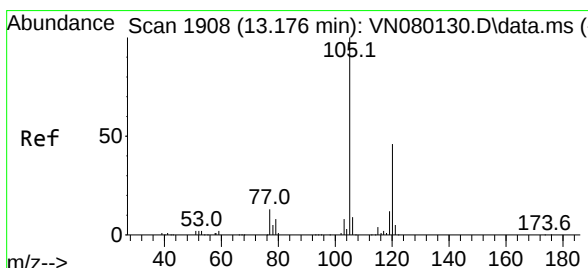
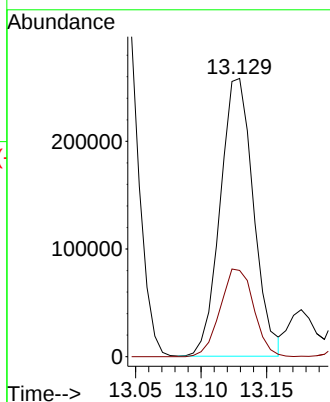
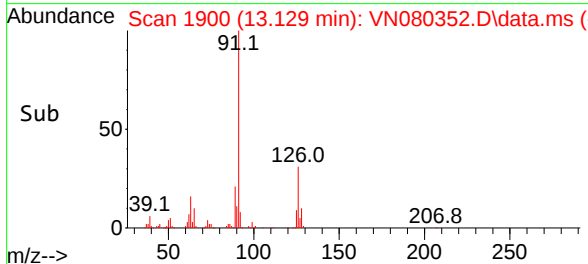
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 456418
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

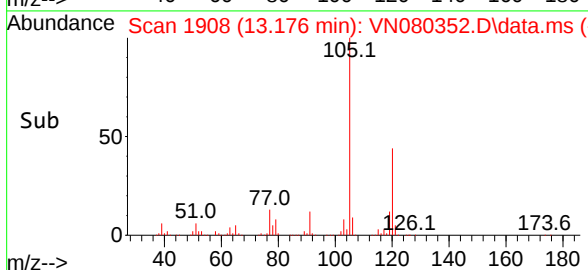
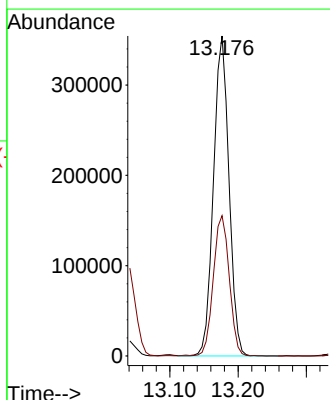
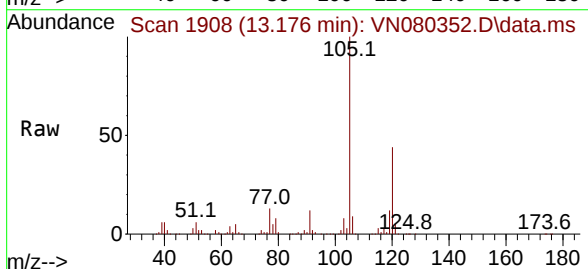
Manual Integrations
APPROVED

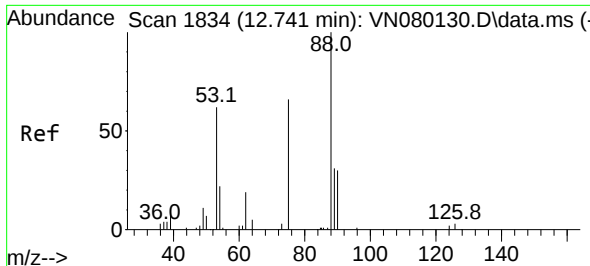
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.871 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

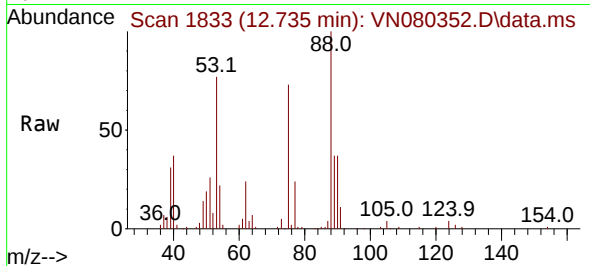
Tgt Ion:105 Resp: 560506
Ion Ratio Lower Upper
105 100
120 45.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.252 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

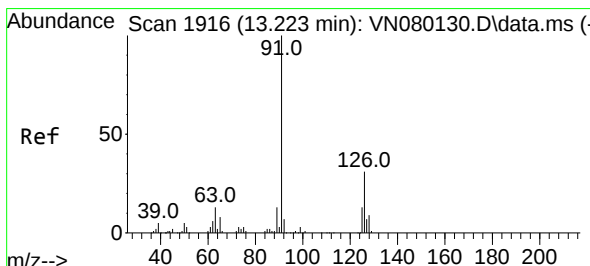
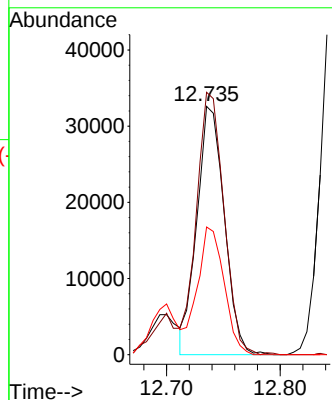
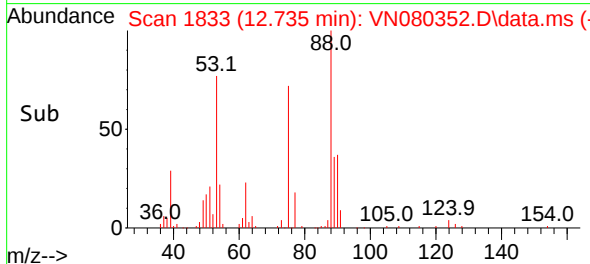
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 54740
Ion Ratio Lower Upper
75 100
53 107.7 67.4 101.2
89 50.6 38.8 58.2

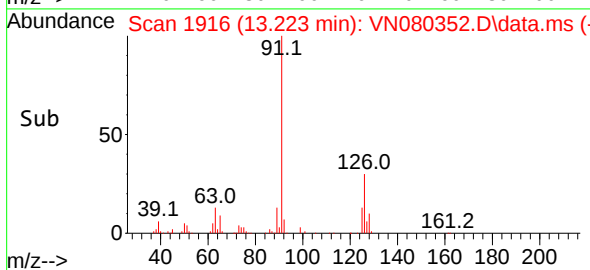
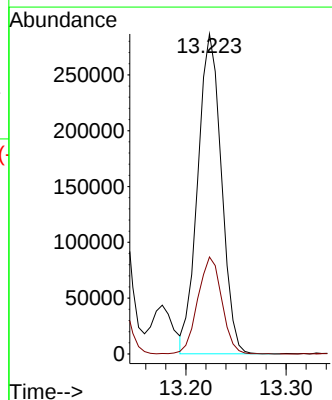
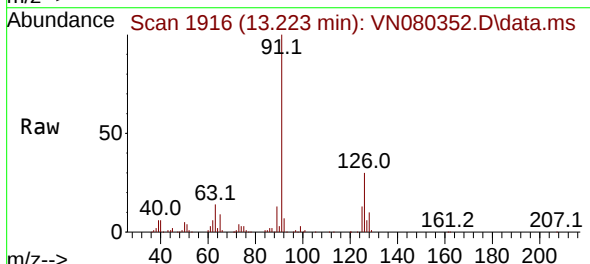
Manual Integrations
APPROVED

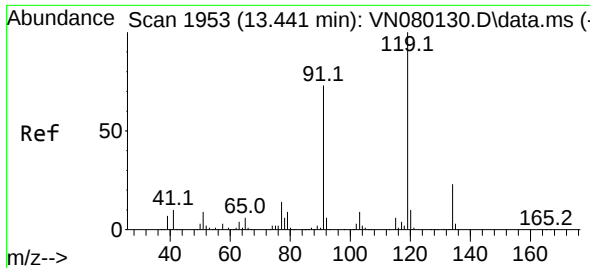
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#82
4-Chlorotoluene
Concen: 50.842 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

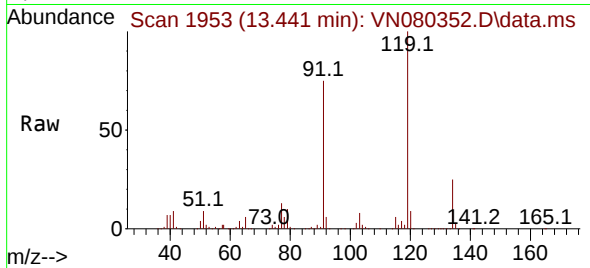
Tgt Ion: 91 Resp: 469574
Ion Ratio Lower Upper
91 100
126 30.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 51.126 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

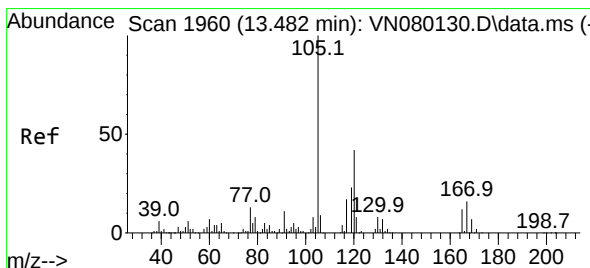
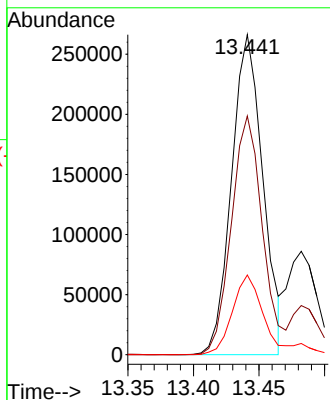
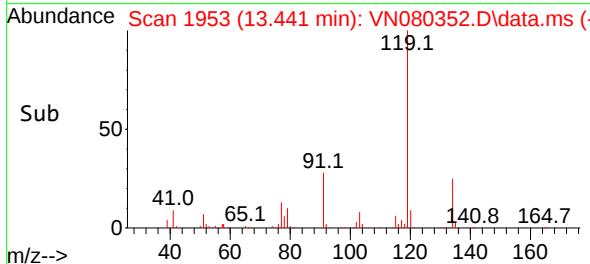
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



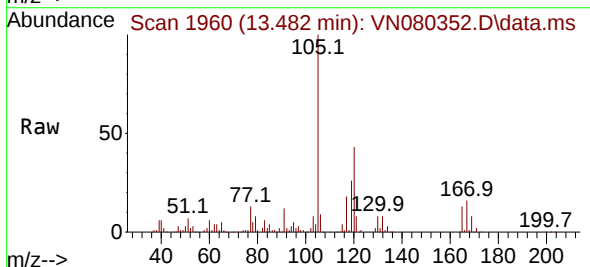
Tgt Ion:119 Resp: 443032
Ion Ratio Lower Upper
119 100
91 74.5 33.9 101.7
134 24.0 13.2 39.6

Manual Integrations
APPROVED

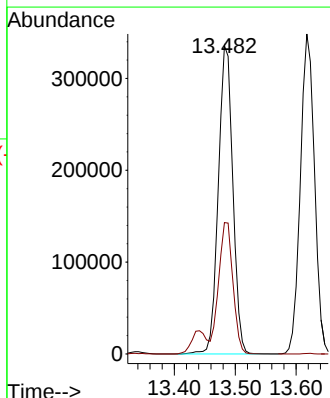
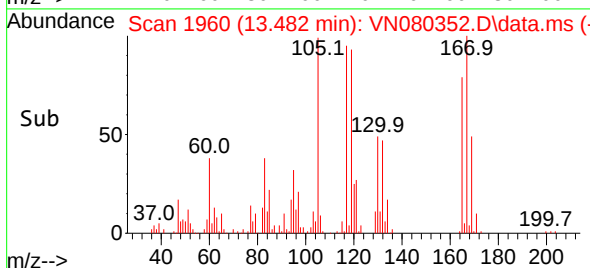
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

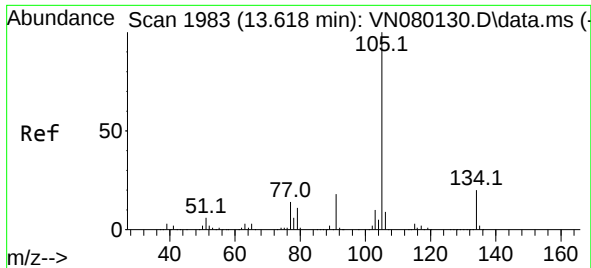


#84
1,2,4-Trimethylbenzene
Concen: 52.213 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



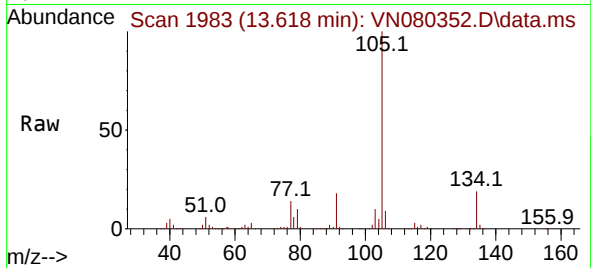
Tgt Ion:105 Resp: 555551
Ion Ratio Lower Upper
105 100
120 41.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.212 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN080352.D
 Acq: 04 Dec 2023 20:43

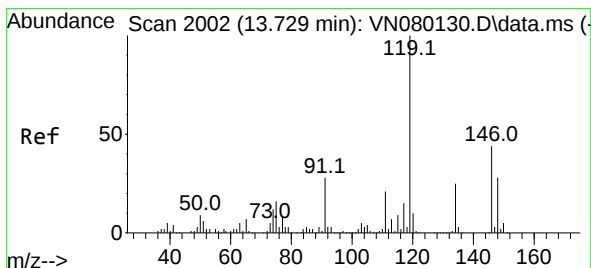
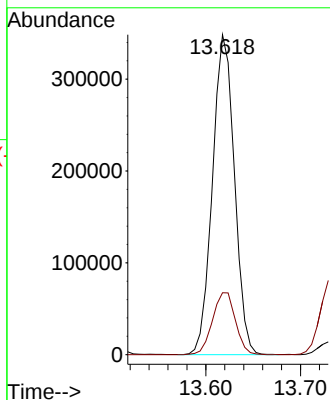
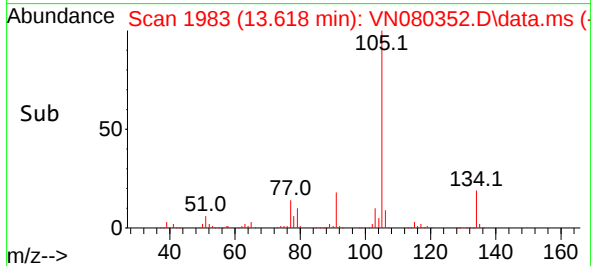
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



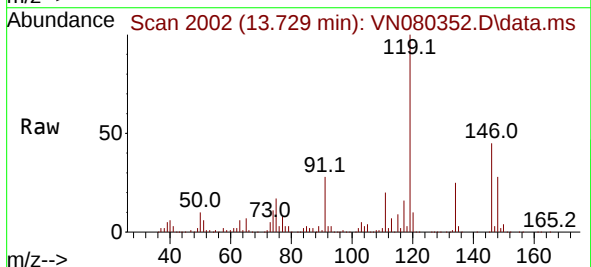
Tgt Ion:105 Resp: 561380
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3

Manual Integrations
 APPROVED

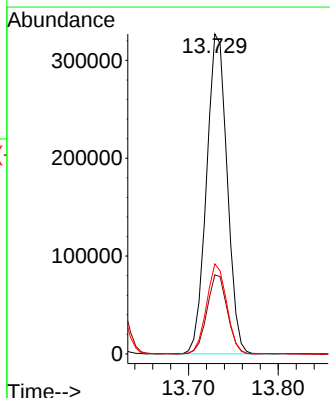
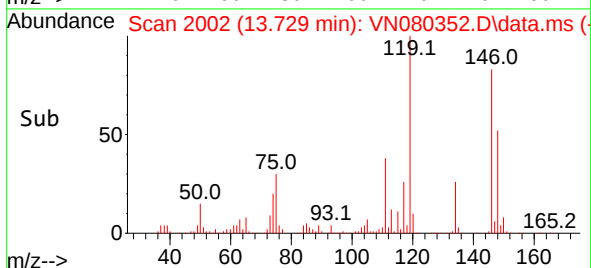
Reviewed By :John Carlone 12/05/2023
 Supervised By :Mahesh Dadoda 12/05/2023

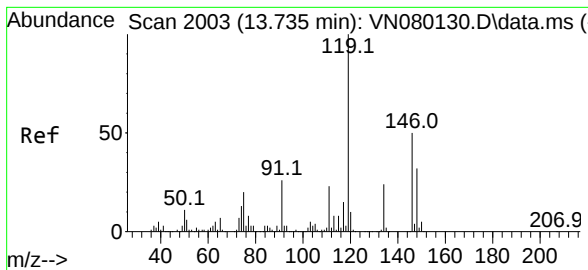


#86
 p-Isopropyltoluene
 Concen: 53.222 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN080352.D
 Acq: 04 Dec 2023 20:43



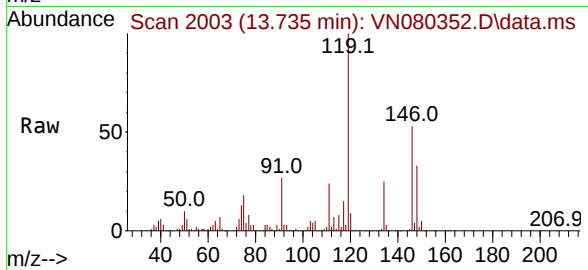
Tgt Ion:119 Resp: 521177
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 27.3 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.649 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

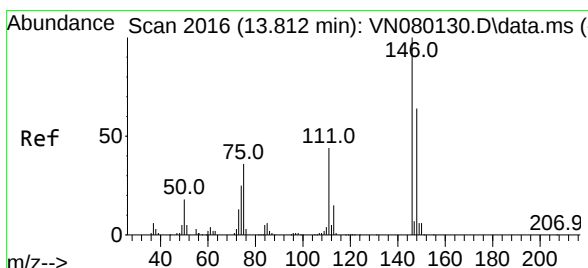
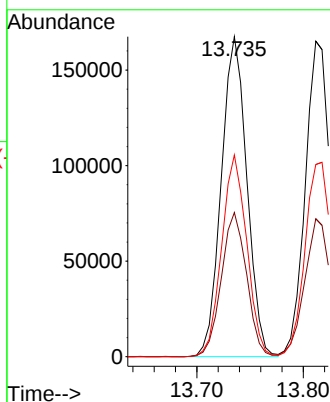
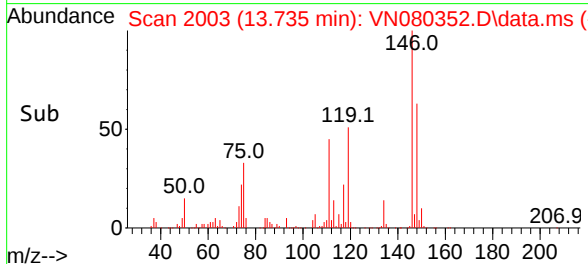
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



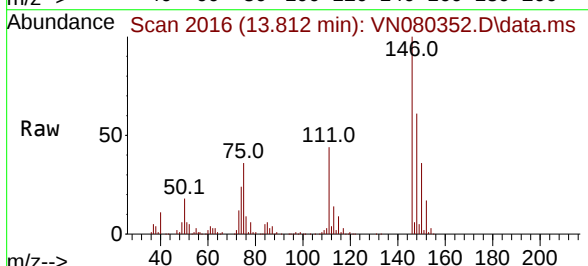
Tgt Ion:146 Resp: 279954
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.3
148 61.6 32.0 96.0

Manual Integrations
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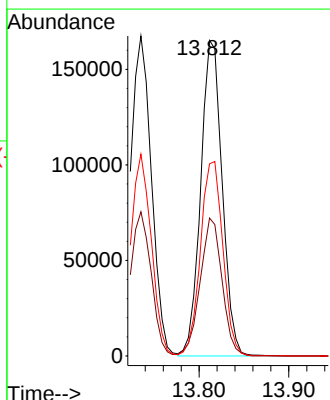
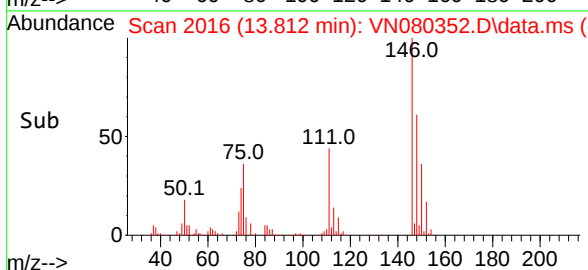
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

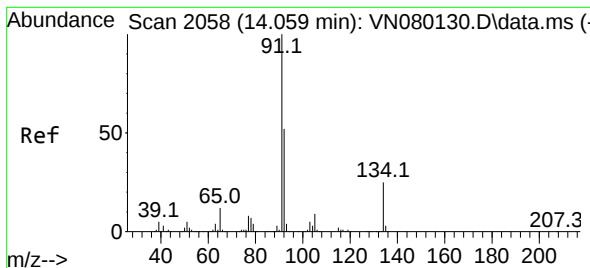


#88
1,4-Dichlorobenzene
Concen: 48.488 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



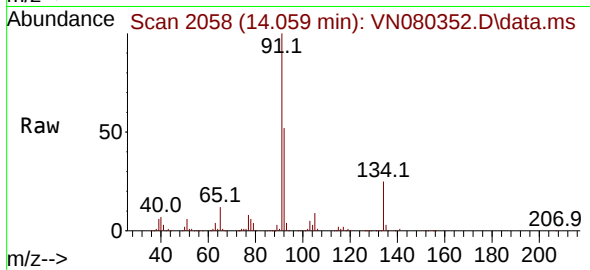
Tgt Ion:146 Resp: 274759
Ion Ratio Lower Upper
146 100
111 44.7 20.6 61.8
148 64.3 31.6 94.8





#89
n-Butylbenzene
Concen: 50.134 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

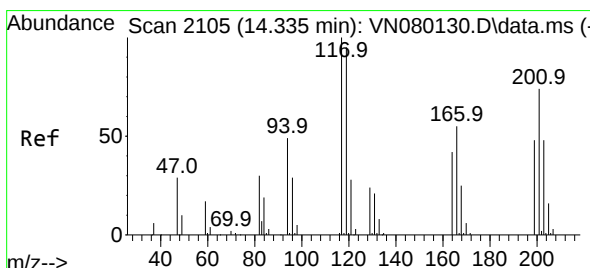
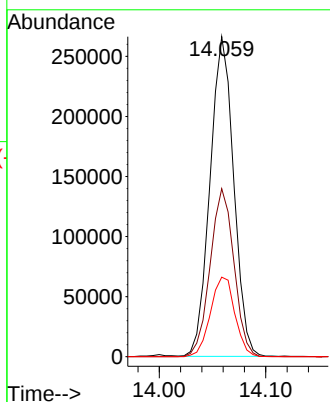
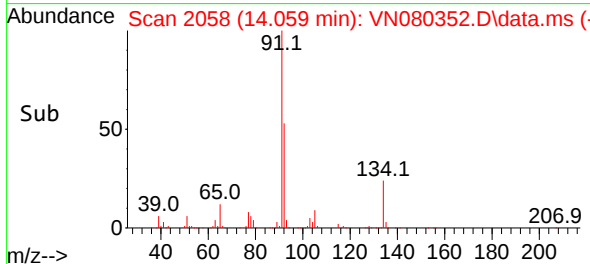
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 410909
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 25.7 12.6 37.6

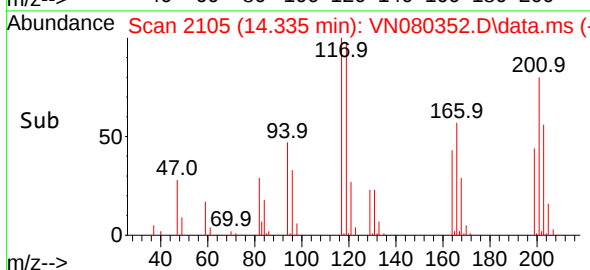
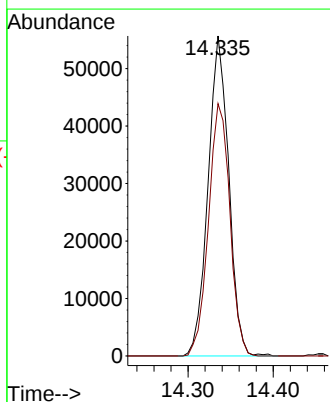
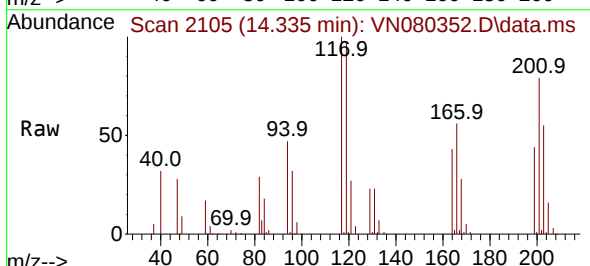
Manual Integrations
APPROVED

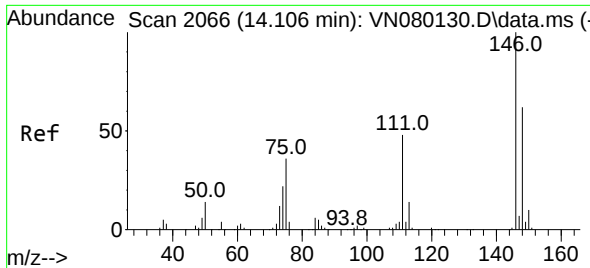
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023



#90
Hexachloroethane
Concen: 49.195 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

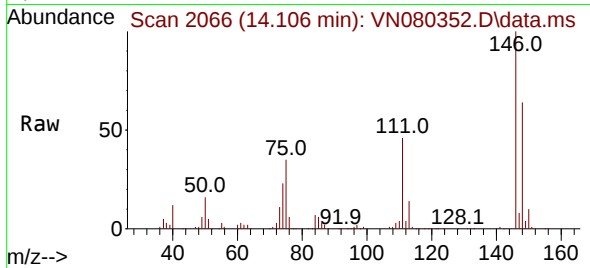
Tgt Ion:117 Resp: 93915
Ion Ratio Lower Upper
117 100
201 81.4 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 48.432 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

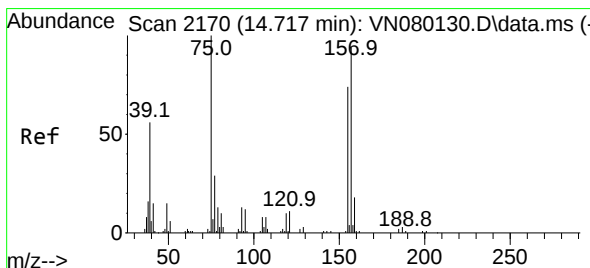
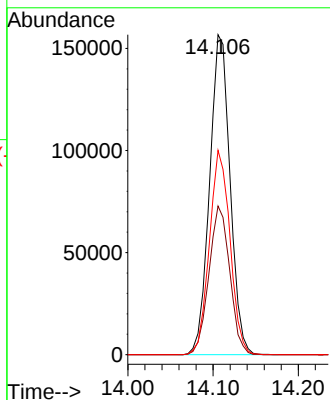
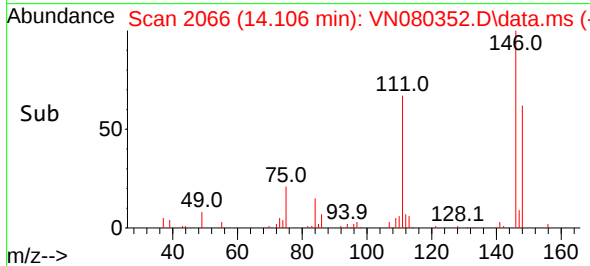
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



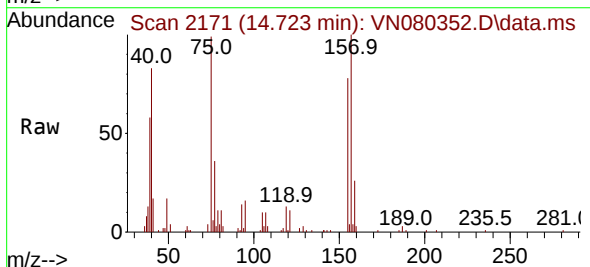
Tgt Ion:146 Resp: 26133
Ion Ratio Lower Upper
146 100
111 47.3 22.0 66.0
148 64.4 31.8 95.3

Manual Integrations
APPROVED

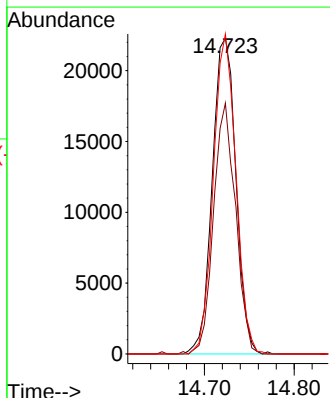
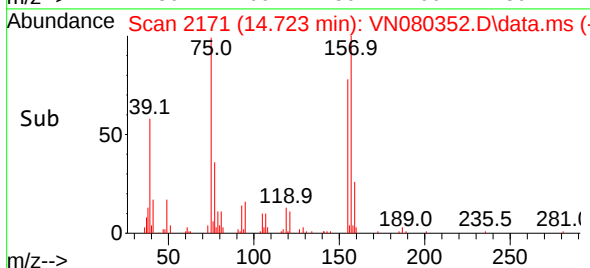
Reviewed By :John Carlone 12/05/2023
Supervised By :Mahesh Dadoda 12/05/2023

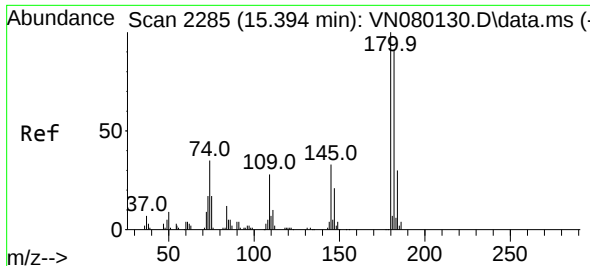


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.182 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43



Tgt Ion: 75 Resp: 40716
Ion Ratio Lower Upper
75 100
155 74.4 39.1 117.2
157 96.5 50.3 150.9





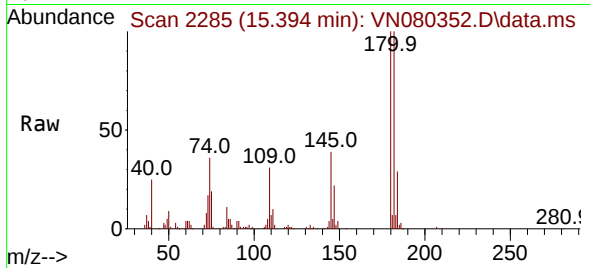
#93
1,2,4-Trichlorobenzene
Concen: 46.921 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



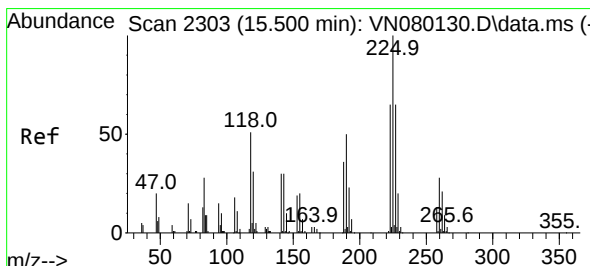
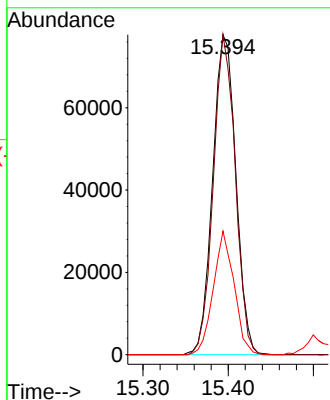
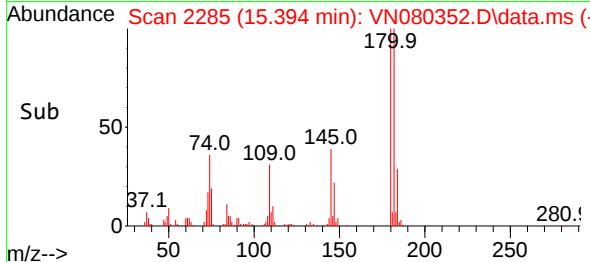
Tgt Ion:180 Resp: 14725
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 34.7 16.6 49.8

Manual Integrations

APPROVED

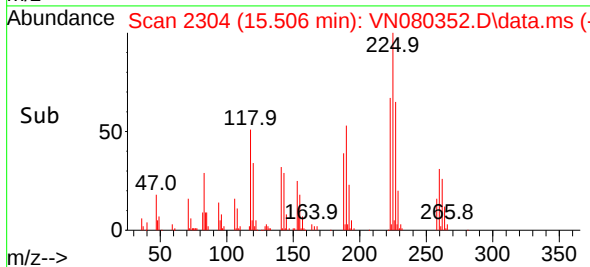
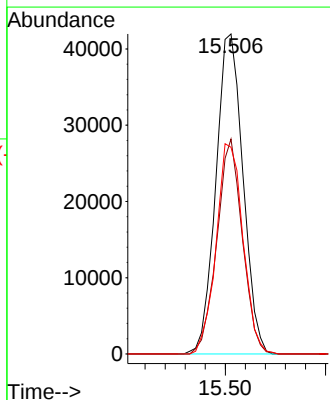
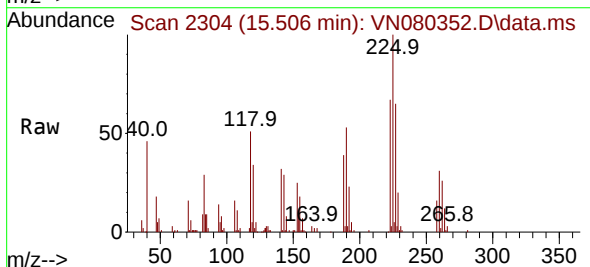
Reviewed By :John Carlone 12/05/2023

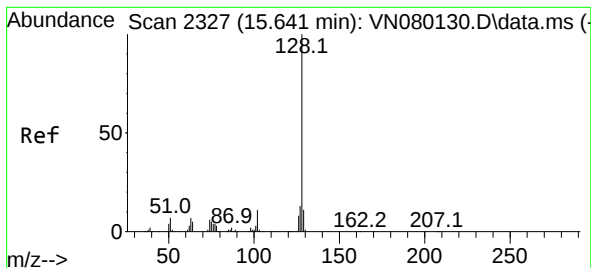
Supervised By :Mahesh Dadoda 12/05/2023



#94
Hexachlorobutadiene
Concen: 43.556 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN080352.D
Acq: 04 Dec 2023 20:43

Tgt Ion:225 Resp: 78661
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 65.0 31.9 95.9





#95

Naphthalene

Concen: 81.396 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 740733

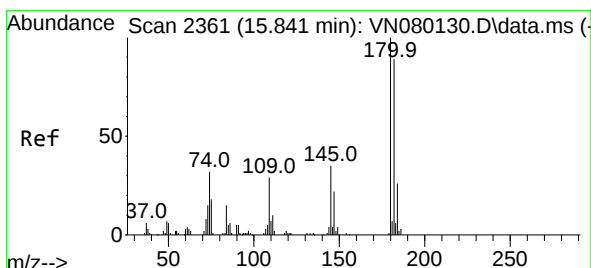
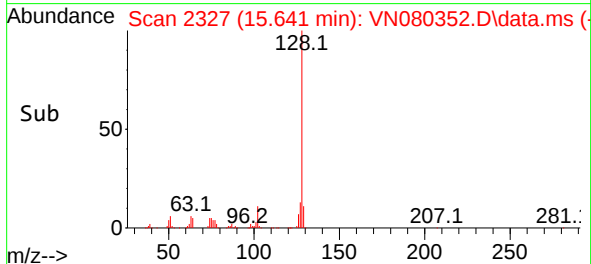
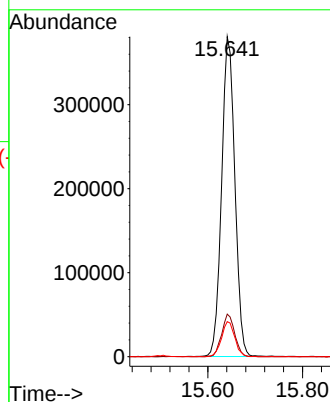
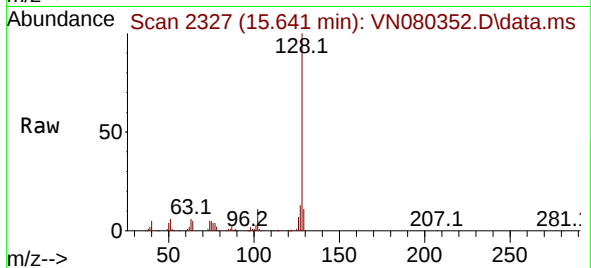
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2023

Supervised By :Mahesh Dadoda 12/05/2023



#96

1,2,3-Trichlorobenzene

Concen: 47.187 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN080352.D

Acq: 04 Dec 2023 20:43

Tgt Ion:180 Resp: 138803

Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.2	138.6
145	35.0	17.5	52.6

