

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076652.D
 Acq On : 14 Feb 2023 10:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/15/2023

Quant Time: Feb 14 15:16:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	346959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.102	114	607799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	569293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	244159	50.962	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.920%			
35) Dibromofluoromethane	8.172	113	196946	49.479	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.960%			
50) Toluene-d8	10.566	98	788282	53.030	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.848	95	272272	55.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	174111	47.260	ug/l	91
3) Chloromethane	2.373	50	204739	42.595	ug/l	99
4) Vinyl Chloride	2.525	62	215735	45.604	ug/l	100
5) Bromomethane	2.955	94	134045	46.765	ug/l	94
6) Chloroethane	3.125	64	148673	49.730	ug/l	97
7) Trichlorofluoromethane	3.508	101	292150	45.390	ug/l	96
8) Diethyl Ether	3.972	74	118404	47.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	176221	46.595	ug/l	97
10) Methyl Iodide	4.602	142	225650	48.314	ug/l	96
11) Tert butyl alcohol	5.537	59	149847	236.951	ug/l	95
12) 1,1-Dichloroethene	4.355	96	160335	44.771	ug/l	85
13) Acrolein	4.190	56	226111	238.157	ug/l	100
14) Allyl chloride	5.037	41	299076	48.197	ug/l	98
15) Acrylonitrile	5.731	53	539483	240.376	ug/l	99
16) Acetone	4.437	43	464426	217.013	ug/l	96
17) Carbon Disulfide	4.725	76	439391	46.469	ug/l	100
18) Methyl Acetate	5.037	43	338138	48.405	ug/l	98
19) Methyl tert-butyl Ether	5.808	73	606032	50.193	ug/l	98
20) Methylene Chloride	5.290	84	204373	45.566	ug/l	98
21) trans-1,2-Dichloroethene	5.796	96	184935	45.875	ug/l	94
22) Diisopropyl ether	6.678	45	746439	51.287	ug/l	97
23) Vinyl Acetate	6.613	43	2546065	295.668	ug/l	99
24) 1,1-Dichloroethane	6.578	63	373409	46.814	ug/l	99
25) 2-Butanone	7.490	43	757450	239.944	ug/l	99
26) 2,2-Dichloropropane	7.496	77	282624	49.123	ug/l	97
27) cis-1,2-Dichloroethene	7.490	96	224521	46.957	ug/l	96
28) Bromochloromethane	7.819	49	193233	50.899	ug/l	93
29) Tetrahydrofuran	7.843	42	513301	248.875	ug/l	100
30) Chloroform	7.972	83	385619	48.386	ug/l	98
31) Cyclohexane	8.260	56	344969	45.902	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	317752	47.420	ug/l	96
36) 1,1-Dichloropropene	8.378	75	278753	48.471	ug/l	99
37) Ethyl Acetate	7.566	43	303873	50.220	ug/l	98
38) Carbon Tetrachloride	8.366	117	277157	47.774	ug/l	99
39) Methylcyclohexane	9.601	83	343456	52.540	ug/l	95
40) Benzene	8.613	78	872779	49.419	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	183051	52.221	ug/l	99
42) 1,2-Dichloroethane	8.672	62	299618	48.643	ug/l	99
43) Isopropyl Acetate	8.696	43	545608	55.414	ug/l	96
44) Trichloroethene	9.354	130	199367	47.770	ug/l	98
45) 1,2-Dichloropropane	9.625	63	227792	48.724	ug/l	96
46) Dibromomethane	9.713	93	149799	50.119	ug/l	98
47) Bromodichloromethane	9.890	83	306786	51.197	ug/l	99
48) Methyl methacrylate	9.684	41	242256	51.851	ug/l	99
49) 1,4-Dioxane	9.701	88	83885	1037.923	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	1629439	260.106	ug/l	99
52) Toluene	10.637	92	566259	53.107	ug/l	100
53) t-1,3-Dichloropropene	10.837	75	316805	54.775	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	349744	52.424	ug/l	100
55) 1,1,2-Trichloroethane	11.019	97	218626	50.424	ug/l	93
56) Ethyl methacrylate	10.878	69	332436	54.472	ug/l	94
57) 1,3-Dichloropropane	11.166	76	378281	50.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	773367	276.698	ug/l	99
59) 2-Hexanone	11.195	43	1185470	262.451	ug/l	99
60) Dibromochloromethane	11.360	129	238699	52.237	ug/l	97
61) 1,2-Dibromoethane	11.472	107	220137	50.725	ug/l	98
64) Tetrachloroethene	11.107	164	169389	47.215	ug/l	96
65) Chlorobenzene	11.895	112	584922	48.481	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.960	131	212364	48.460	ug/l	97
67) Ethyl Benzene	11.966	91	1071170	52.113	ug/l	99
68) m/p-Xylenes	12.072	106	843651	106.483	ug/l	98
69) o-Xylene	12.401	106	406142	52.561	ug/l	99
70) Styrene	12.413	104	684103	54.749	ug/l	98
71) Bromoform	12.584	173	166837	51.902	ug/l #	98
73) Isopropylbenzene	12.695	105	1070136	50.221	ug/l	99
74) N-amyl acetate	12.495	43	478110	49.779	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	331860	43.025	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	275448m	46.865	ug/l	
77) Bromobenzene	12.984	156	248575	46.756	ug/l	98
78) n-propylbenzene	13.037	91	1273136	50.881	ug/l	100
79) 2-Chlorotoluene	13.125	91	728780	47.568	ug/l	99
80) 1,3,5-Trimethylbenzene	13.178	105	892501	50.681	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	97543	48.337	ug/l	93
82) 4-Chlorotoluene	13.125	91	728780	47.568	ug/l	99
83) tert-Butylbenzene	13.442	119	786868	49.392	ug/l	100
84) 1,2,4-Trimethylbenzene	13.484	105	899503	51.252	ug/l	99
85) sec-Butylbenzene	13.619	105	1154629	51.912	ug/l	99
86) p-Isopropyltoluene	13.731	119	960515	54.080	ug/l	100
87) 1,3-Dichlorobenzene	13.737	146	476252	47.390	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	477707	47.734	ug/l	98
89) n-Butylbenzene	14.060	91	861172	55.748	ug/l	98
90) Hexachloroethane	14.336	117	171868	46.216	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	482153	46.798	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	65142	43.592	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	288501	56.137	ug/l	99
94) Hexachlorobutadiene	15.501	225	125454	49.806	ug/l	97
95) Naphthalene	15.642	128	924627	59.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	285618	57.364	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
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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

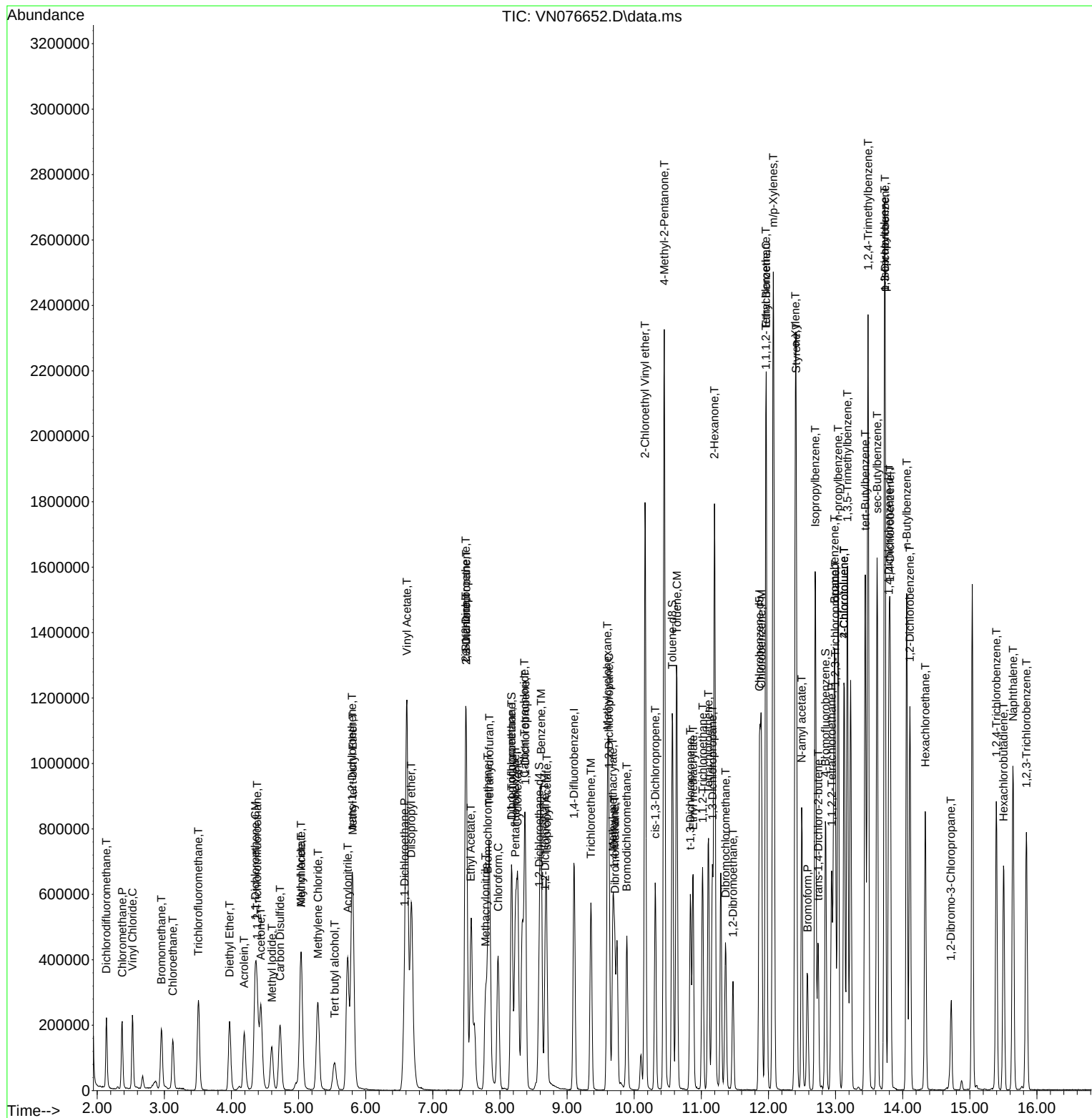
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
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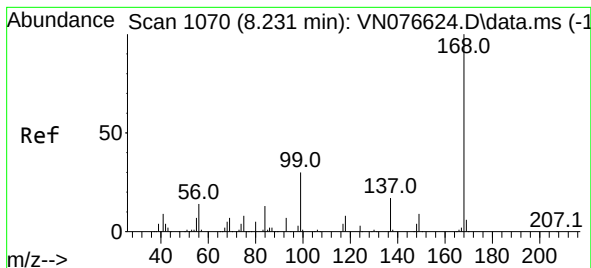
Instrument :
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Manual Integrations APPROVED

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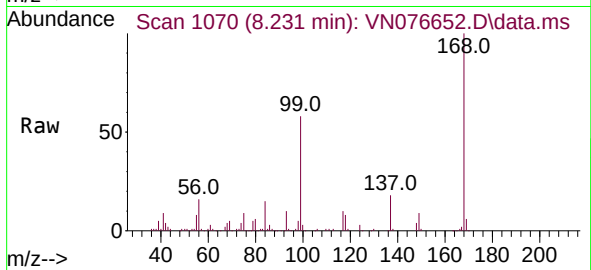
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

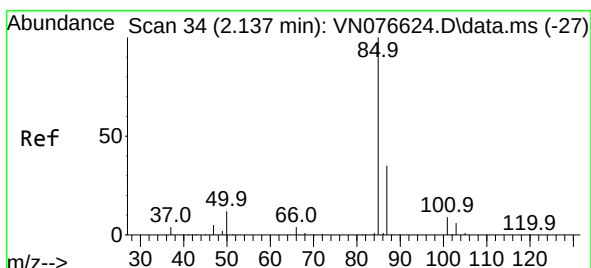
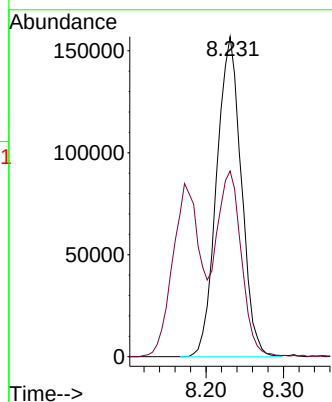
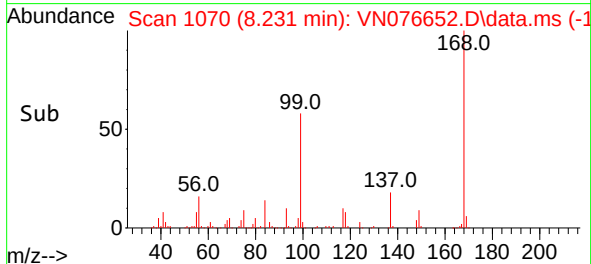
Instrument :
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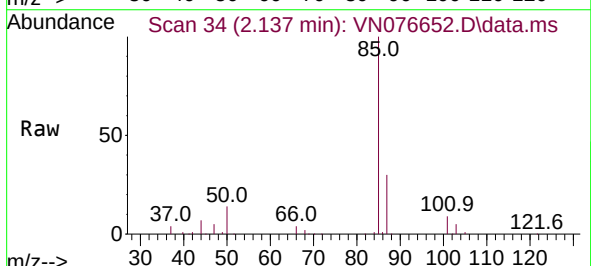
Tgt Ion:168 Resp: 346959
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2

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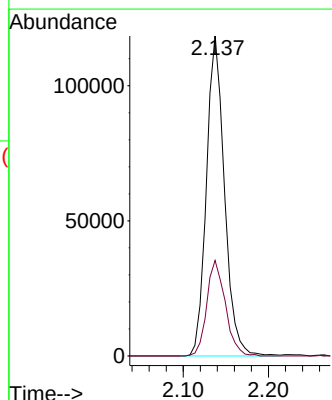
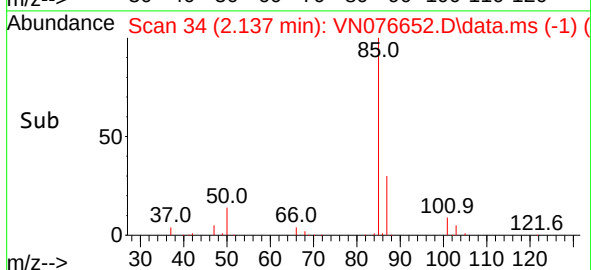
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

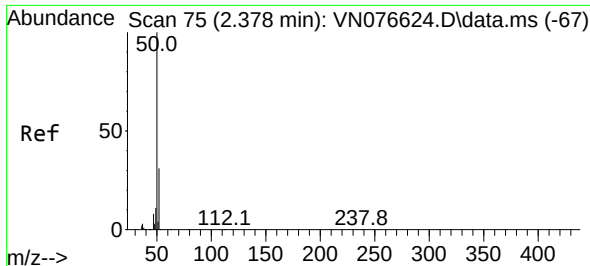


#2
Dichlorodifluoromethane
Concen: 47.260 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



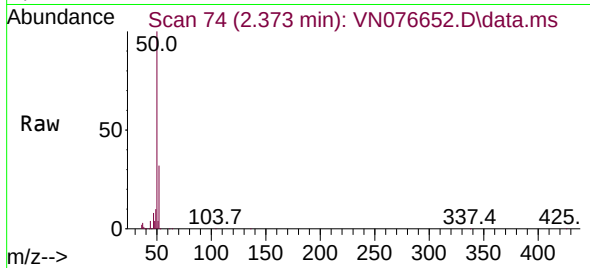
Tgt Ion: 85 Resp: 174111
Ion Ratio Lower Upper
85 100
87 29.9 17.4 52.2





#3
Chloromethane
Concen: 42.595 ug/l
RT: 2.373 min Scan# 74
Delta R.T. -0.005 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

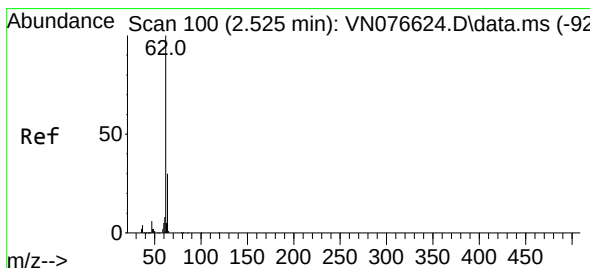
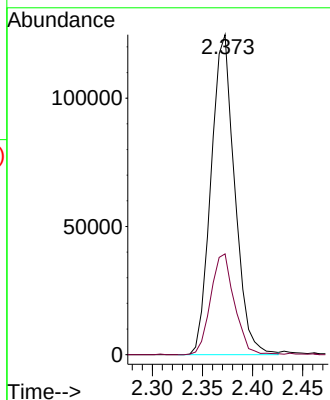
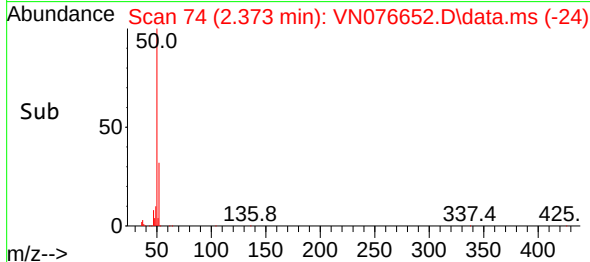
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion: 50 Resp: 204735
Ion Ratio Lower Upper
50 100
52 31.5 24.7 37.1

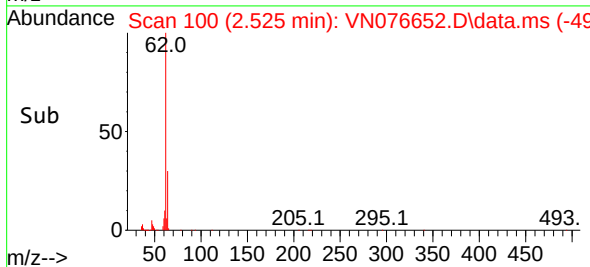
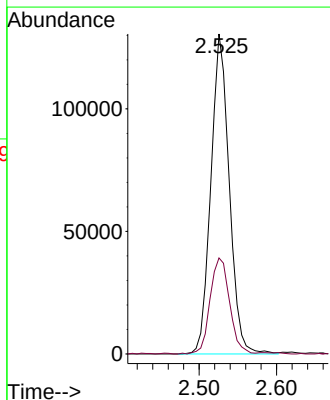
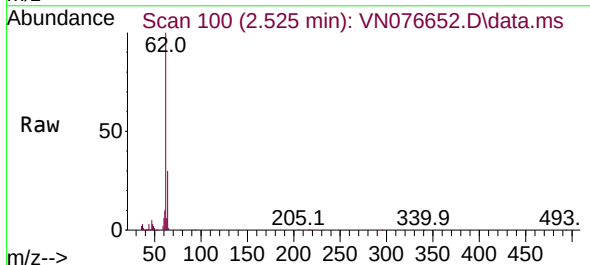
Manual Integrations
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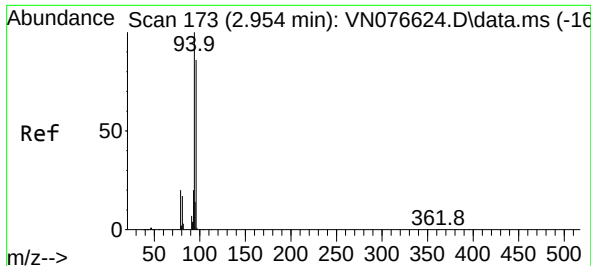
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#4
Vinyl Chloride
Concen: 45.604 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

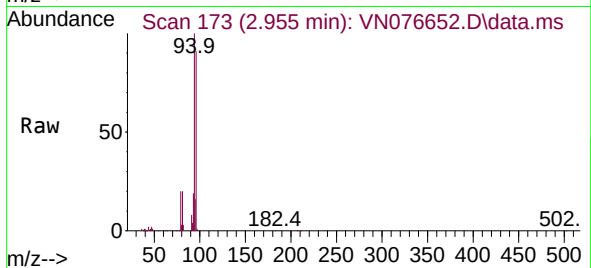
Tgt Ion: 62 Resp: 215735
Ion Ratio Lower Upper
62 100
64 30.0 23.9 35.9





#5
Bromomethane
Concen: 46.765 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

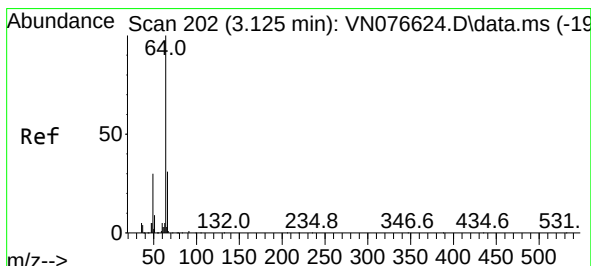
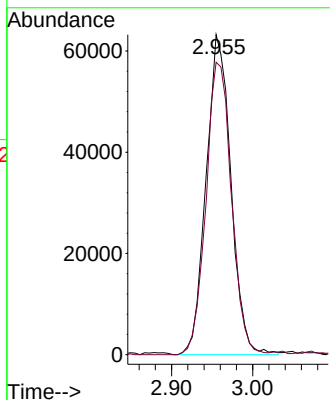
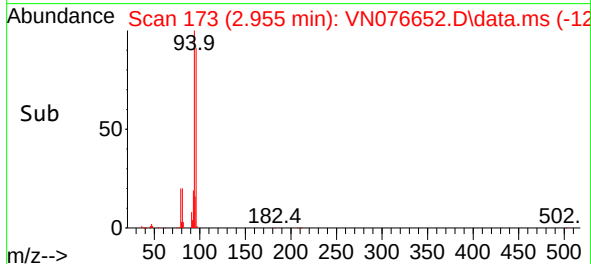
Instrument :
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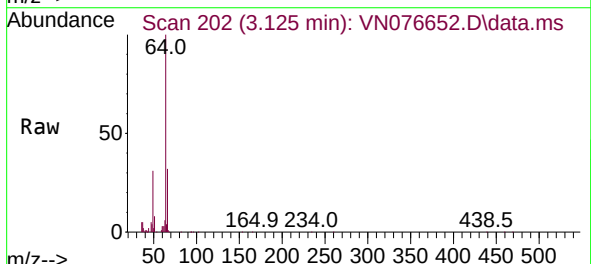
Tgt Ion: 94 Resp: 134045
Ion Ratio Lower Upper
94 100
96 91.4 69.0 103.4

Manual Integrations
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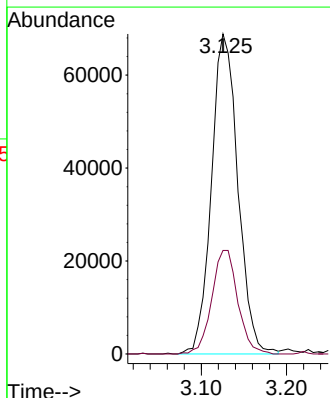
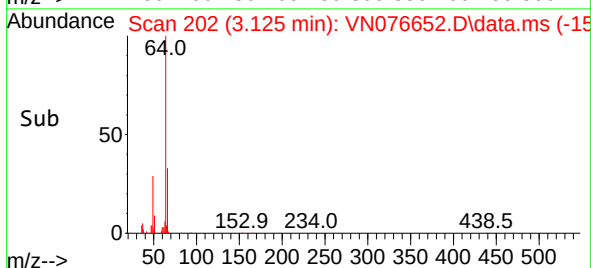
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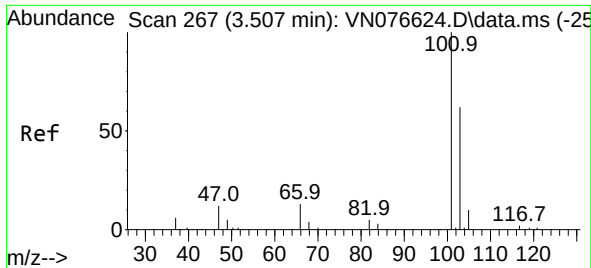


#6
Chloroethane
Concen: 49.730 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



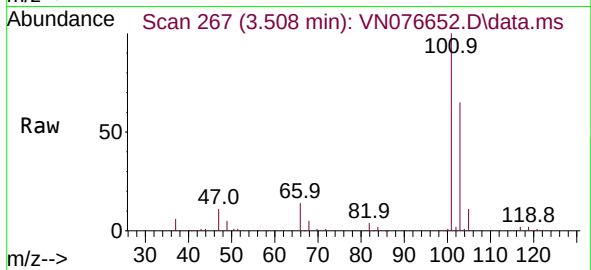
Tgt Ion: 64 Resp: 148673
Ion Ratio Lower Upper
64 100
66 32.3 24.6 37.0





#7
Trichlorofluoromethane
Concen: 45.390 ug/l
RT: 3.508 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

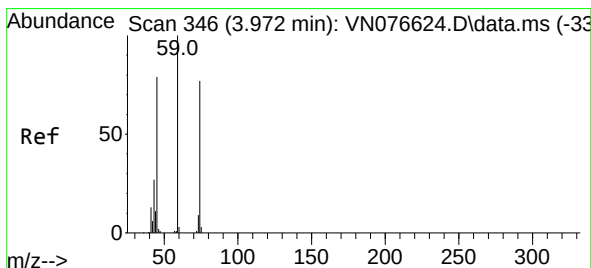
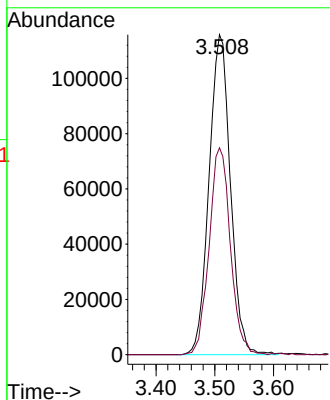
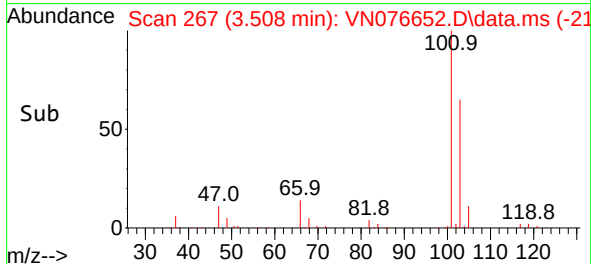
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 292150
Ion Ratio Lower Upper
101 100
103 64.6 49.4 74.2

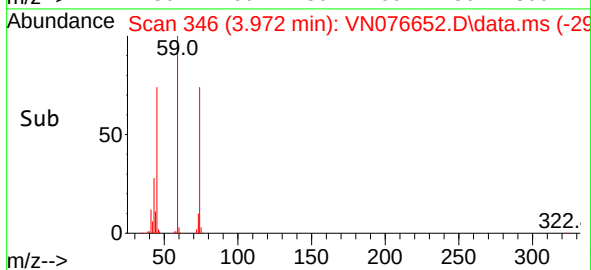
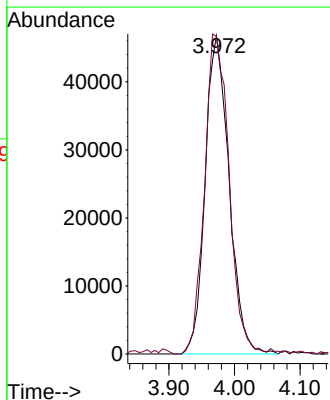
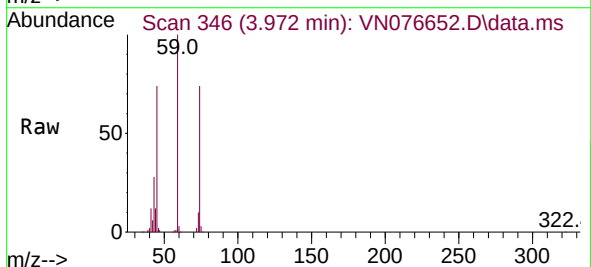
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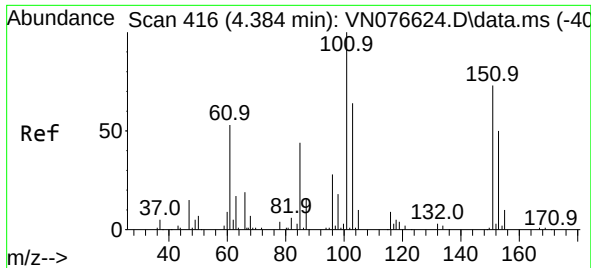
Reviewed By :John Carlone 02/14/2023
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#8
Diethyl Ether
Concen: 47.740 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
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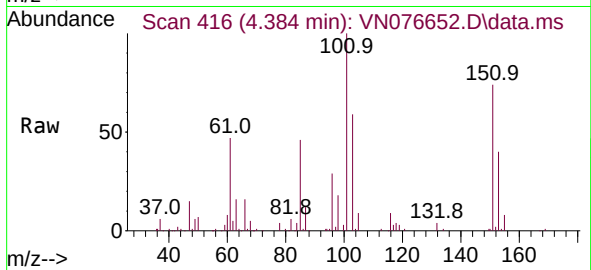
Tgt Ion: 74 Resp: 118404
Ion Ratio Lower Upper
74 100
45 103.0 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.595 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

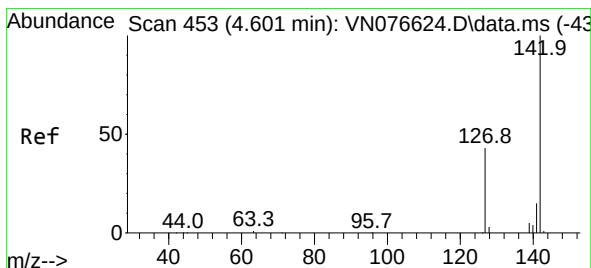
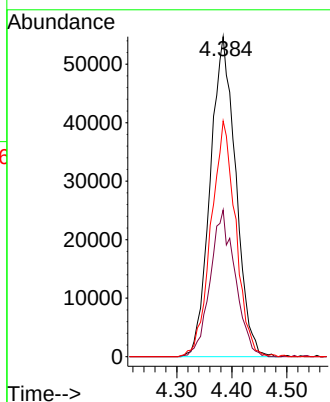
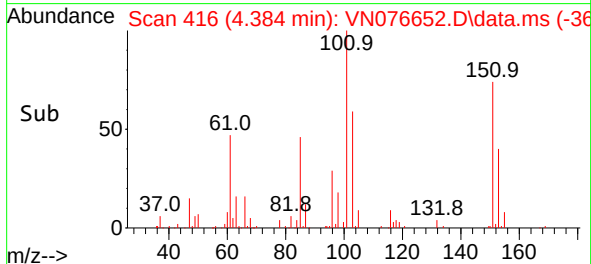
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



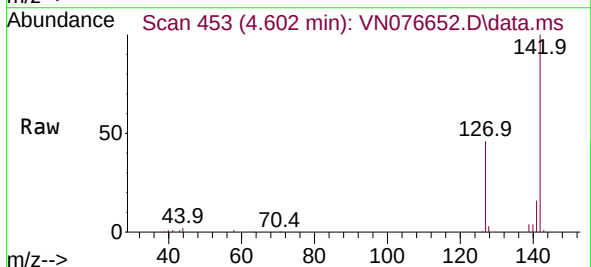
Tgt Ion:101 Resp: 17622
Ion Ratio Lower Upper
101 100
85 44.9 37.4 56.0
151 71.1 58.7 88.1

Manual Integrations
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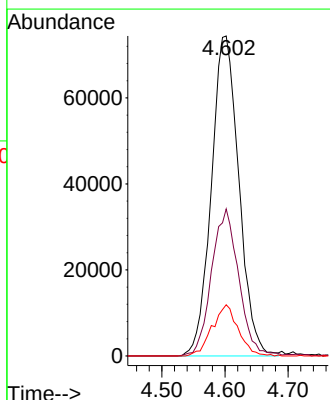
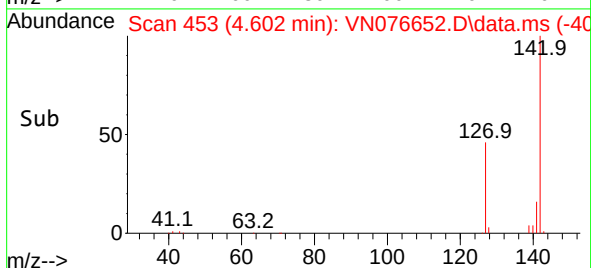
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

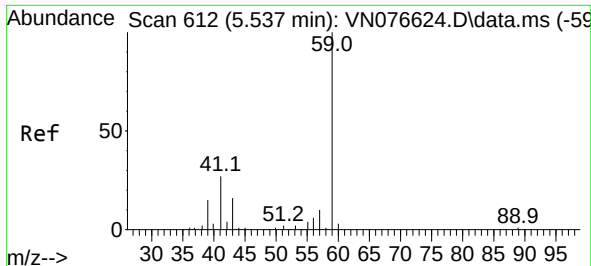


#10
Methyl Iodide
Concen: 48.314 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



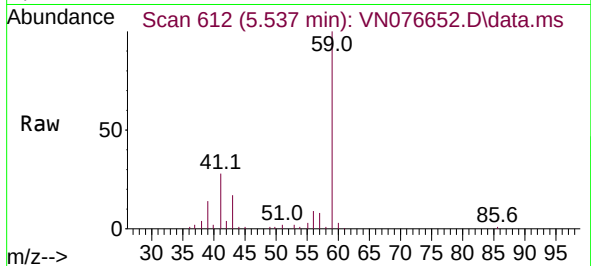
Tgt Ion:142 Resp: 225650
Ion Ratio Lower Upper
142 100
127 46.0 34.6 51.8
141 16.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 236.951 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

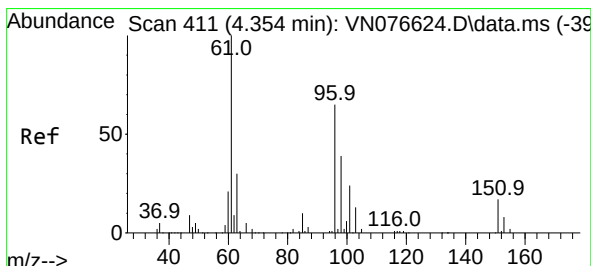
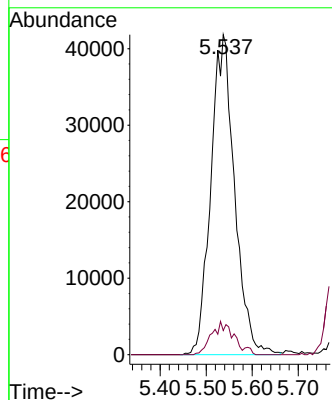
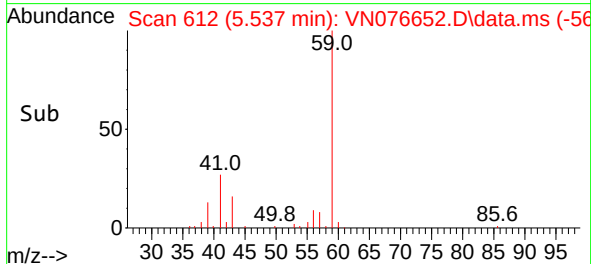
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



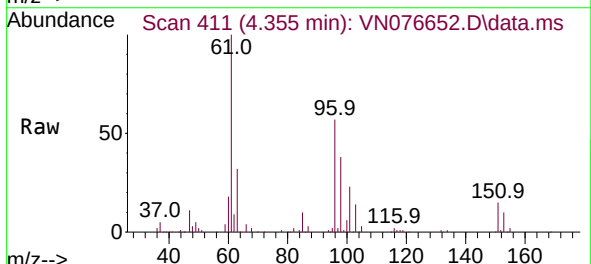
Tgt Ion: 59 Resp: 14984
Ion Ratio Lower Upper
59 100
57 9.1 8.7 13.1

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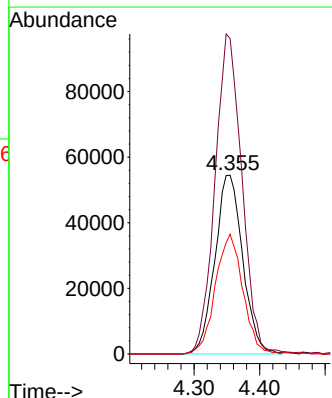
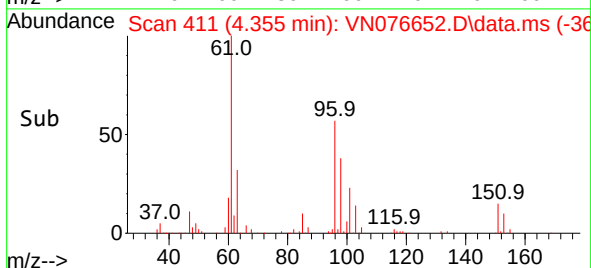
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

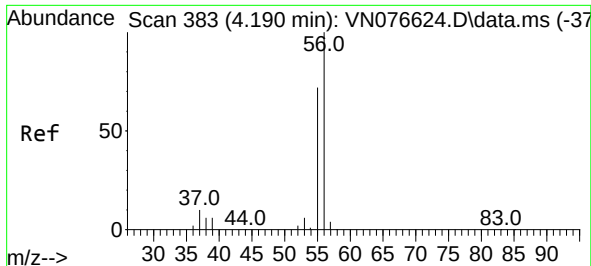


#12
1,1-Dichloroethene
Concen: 44.771 ug/l
RT: 4.355 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



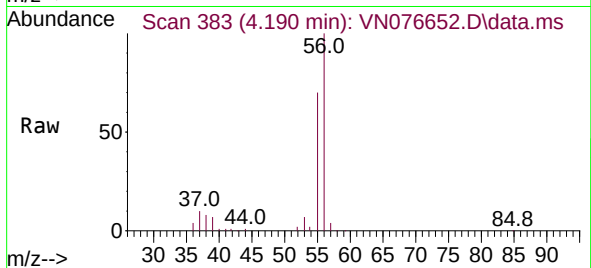
Tgt Ion: 96 Resp: 160335
Ion Ratio Lower Upper
96 100
61 176.5 123.8 185.6
98 67.0 48.4 72.6





#13
Acrolein
Concen: 238.157 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

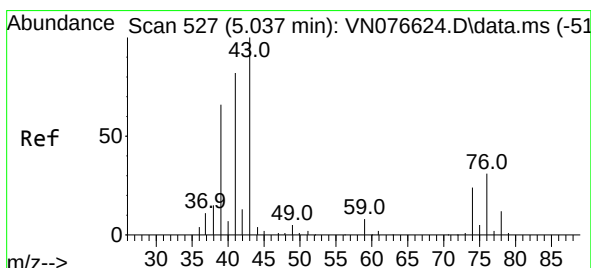
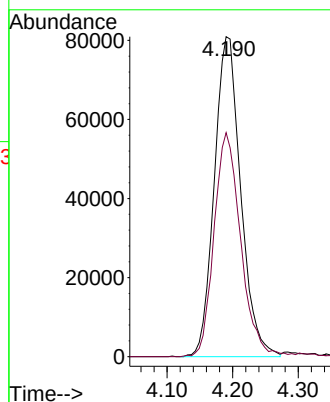
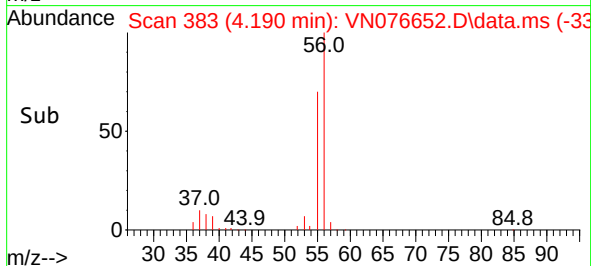
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



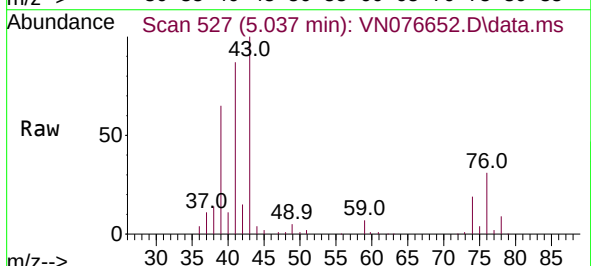
Tgt Ion: 56 Resp: 22611
Ion Ratio Lower Upper
56 100
55 70.4 56.3 84.5

Manual Integrations
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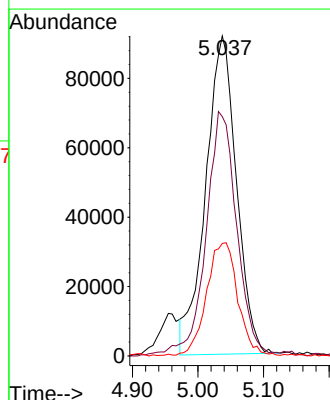
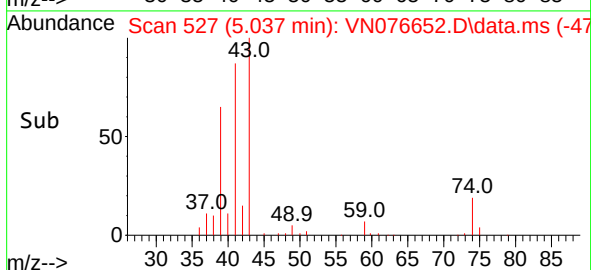
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

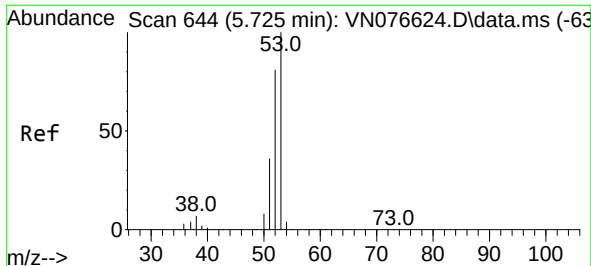


#14
Allyl chloride
Concen: 48.197 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



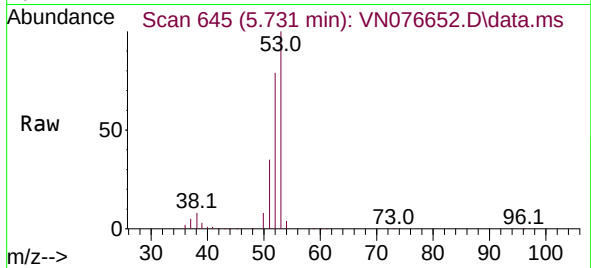
Tgt Ion: 41 Resp: 299076
Ion Ratio Lower Upper
41 100
39 77.1 62.3 93.5
76 35.5 27.0 40.6





#15
Acrylonitrile
Concen: 240.376 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

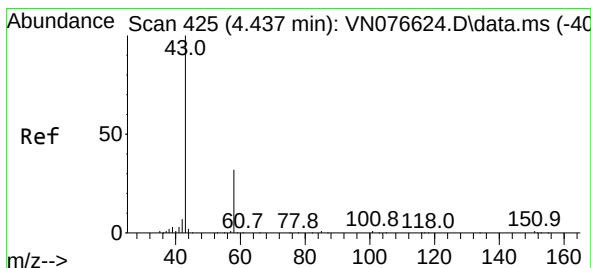
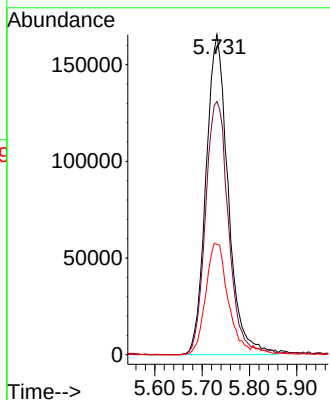
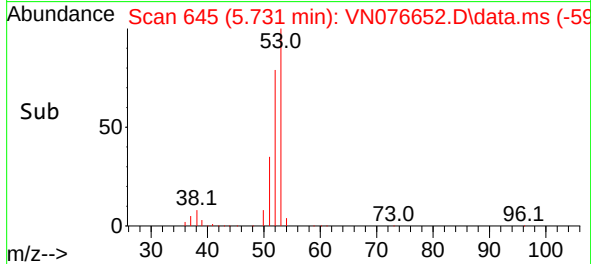
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 53948
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.0 29.2 43.8

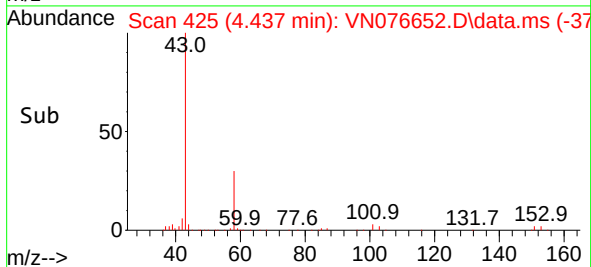
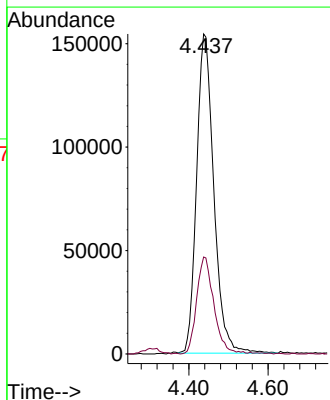
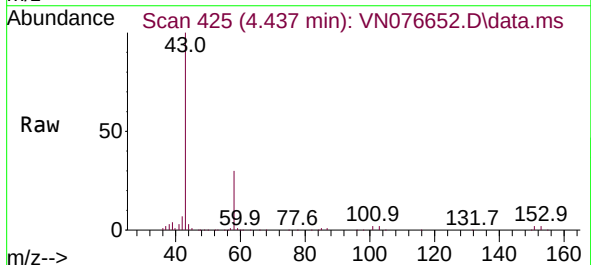
Manual Integrations
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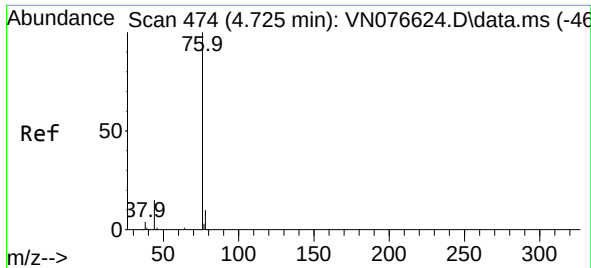
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#16
Acetone
Concen: 217.013 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

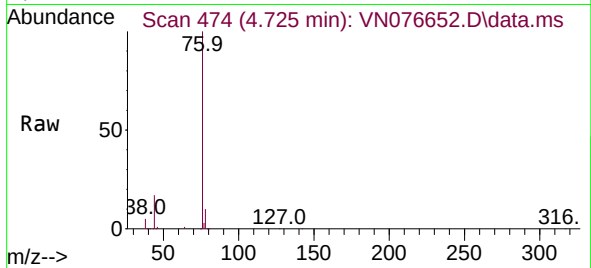
Tgt Ion: 43 Resp: 464426
Ion Ratio Lower Upper
43 100
58 30.2 25.9 38.9





#17
Carbon Disulfide
Concen: 46.469 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

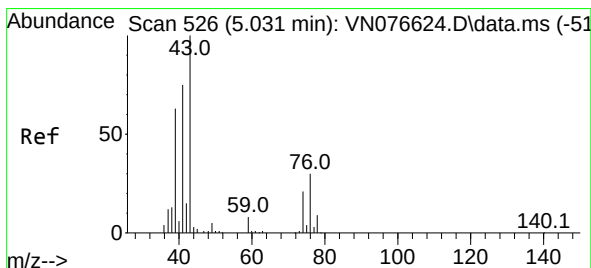
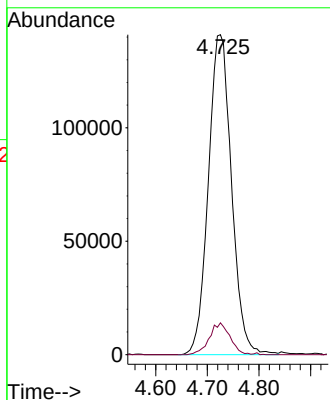
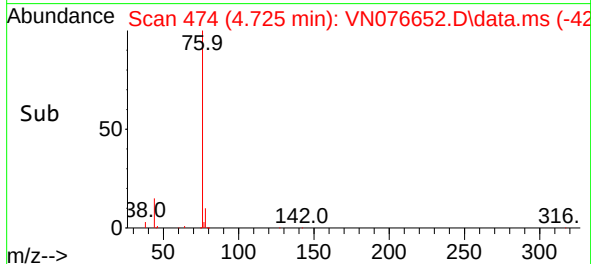
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



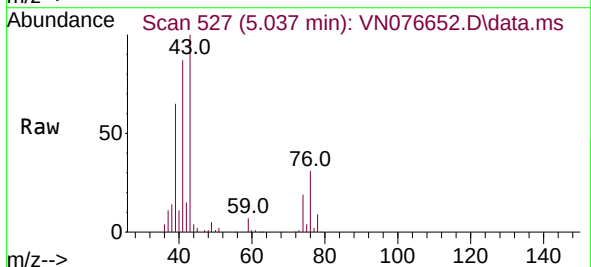
Tgt Ion: 76 Resp: 43939
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8

Manual Integrations
APPROVED

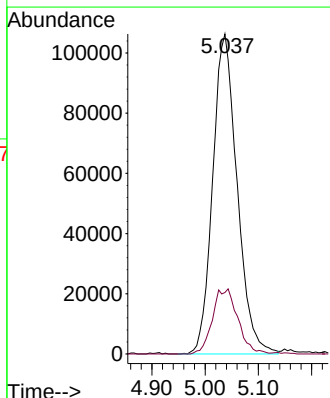
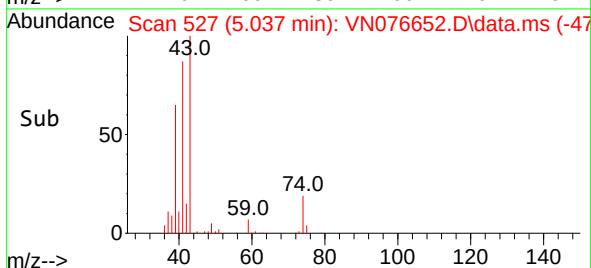
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

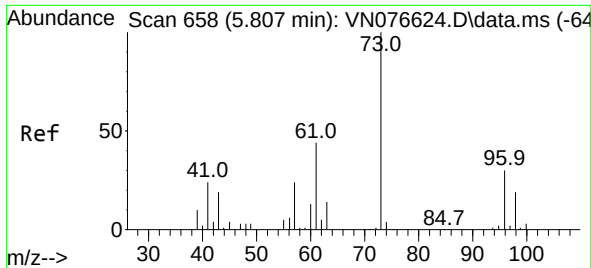


#18
Methyl Acetate
Concen: 48.405 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



Tgt Ion: 43 Resp: 338138
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5





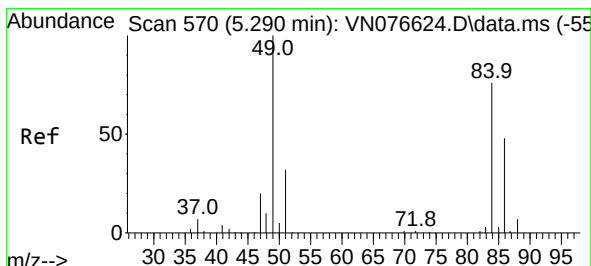
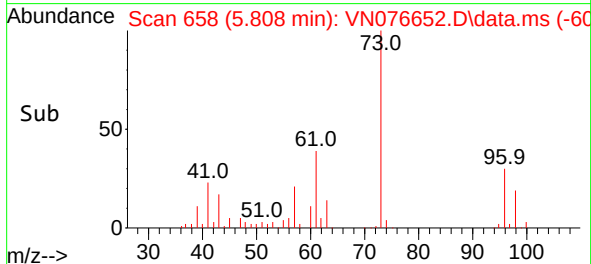
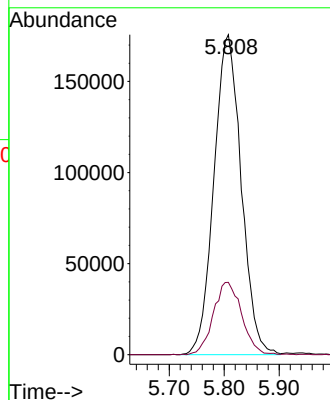
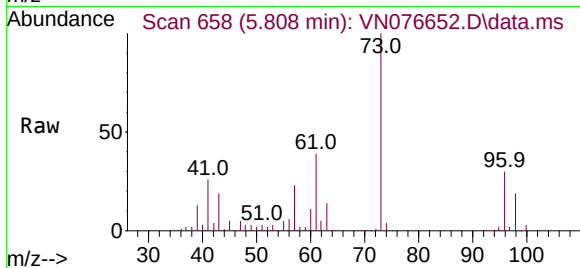
#19
Methyl tert-butyl Ether
Concen: 50.193 ug/l
RT: 5.808 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 60603
Ion Ratio Lower Upper
73 100
57 22.6 19.0 28.4

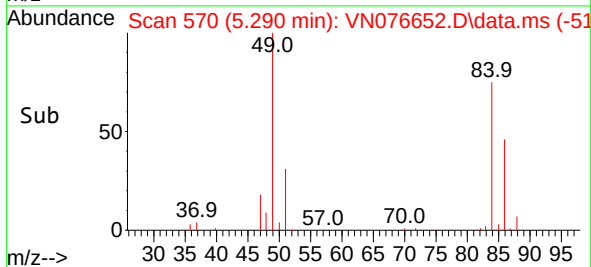
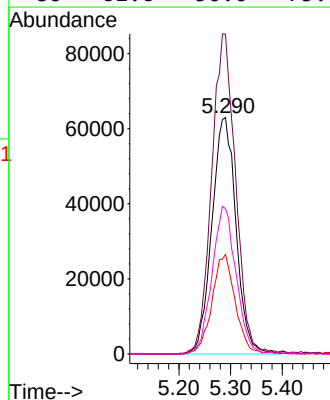
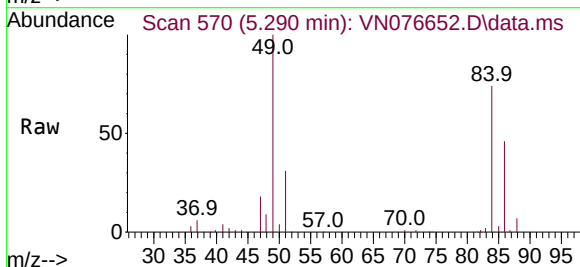
Manual Integrations
APPROVED

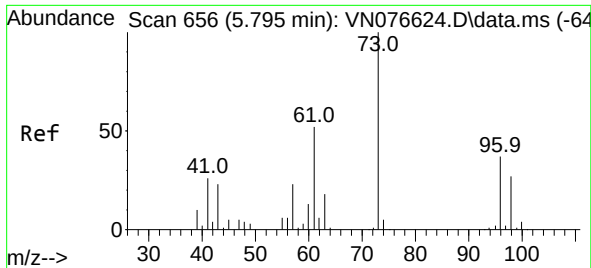
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#20
Methylene Chloride
Concen: 45.566 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

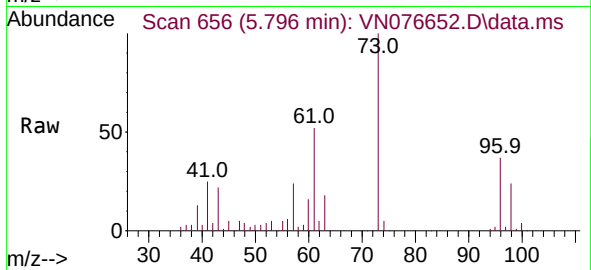
Tgt Ion: 84 Resp: 204373
Ion Ratio Lower Upper
84 100
49 134.8 104.9 157.3
51 42.1 33.8 50.8
86 61.6 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 45.875 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

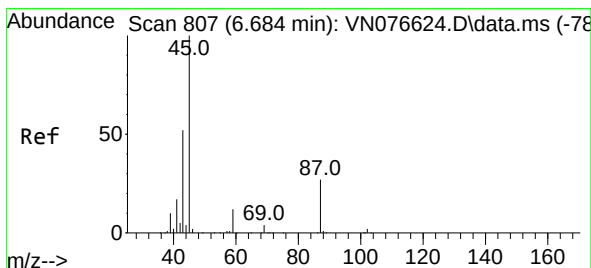
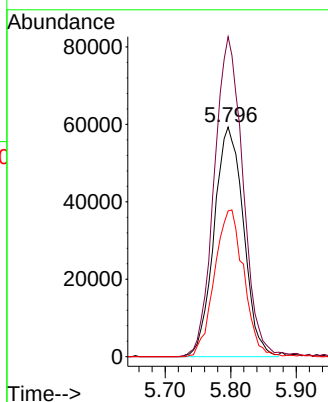
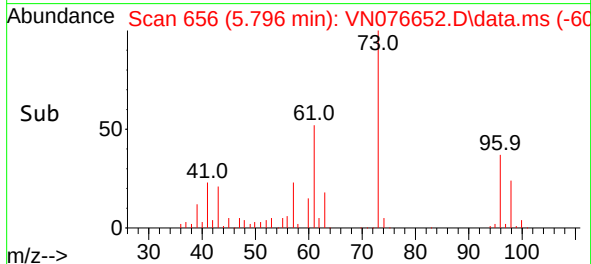
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 18493
Ion Ratio Lower Upper
96 100
61 139.4 113.9 170.9
98 63.5 59.4 89.0

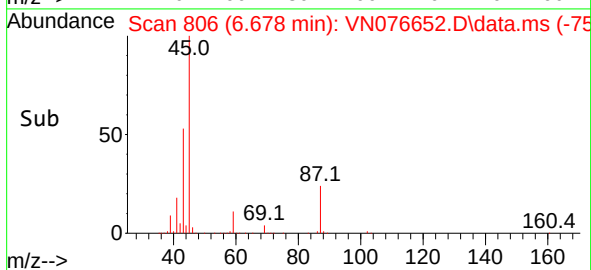
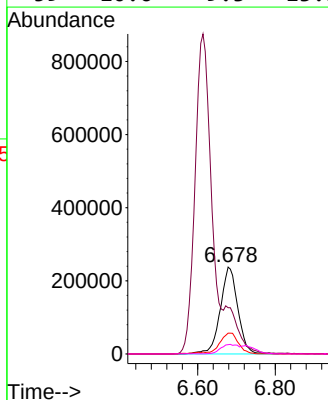
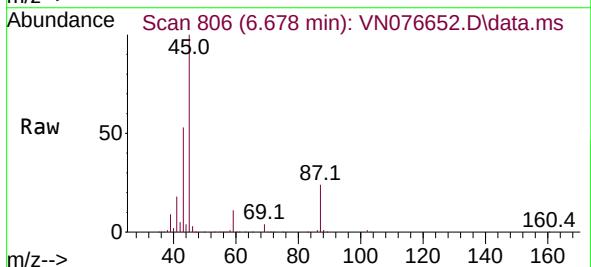
Manual Integrations
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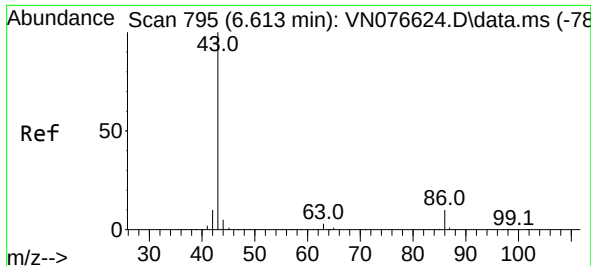
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#22
Diisopropyl ether
Concen: 51.287 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion: 45 Resp: 746439
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.6
87 23.9 21.8 32.8
59 10.6 9.3 13.9





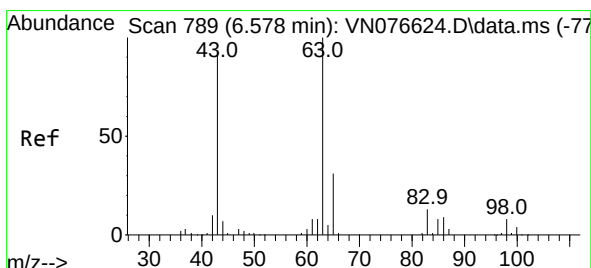
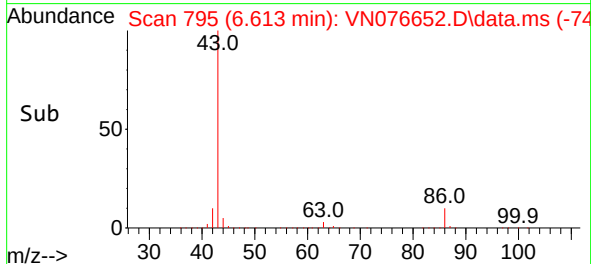
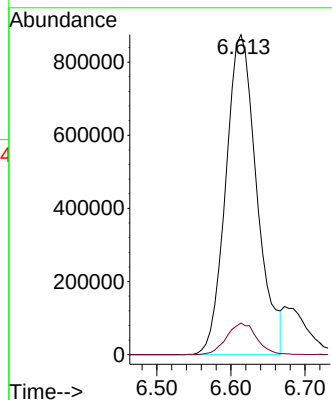
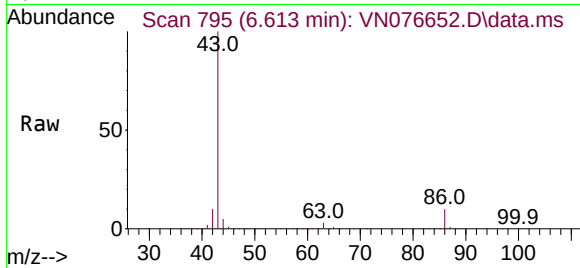
#23
 Vinyl Acetate
 Concen: 295.668 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 254606
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

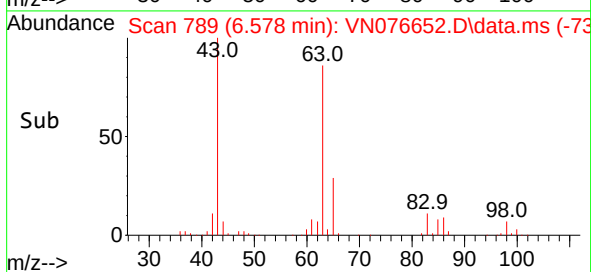
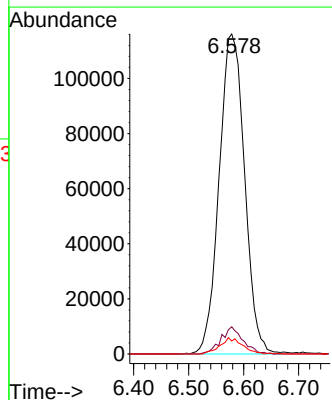
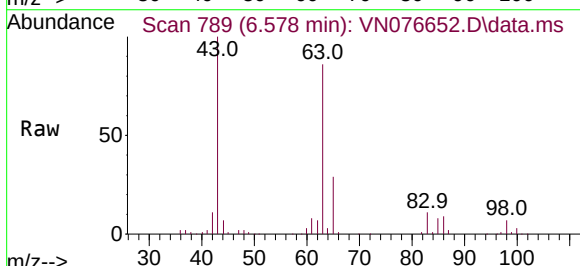
Manual Integrations
 APPROVED

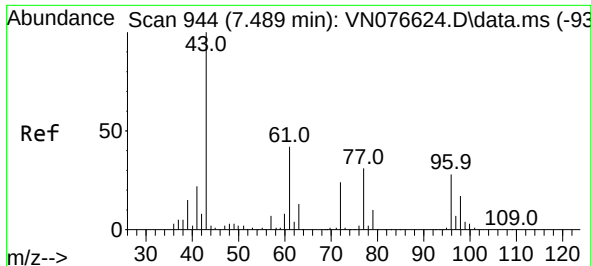
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/15/2023



#24
 1,1-Dichloroethane
 Concen: 46.814 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52

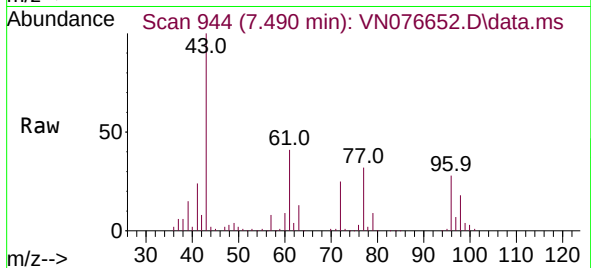
Tgt Ion: 63 Resp: 373409
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.1 12.3
 100 4.1 2.0 5.8





#25
2-Butanone
Concen: 239.944 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

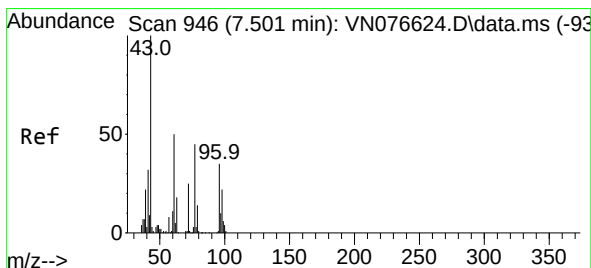
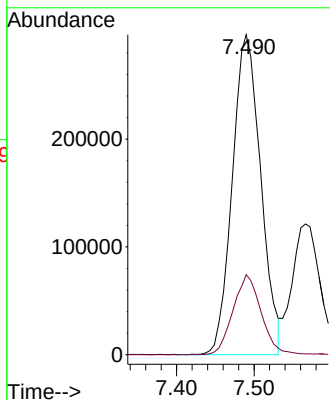
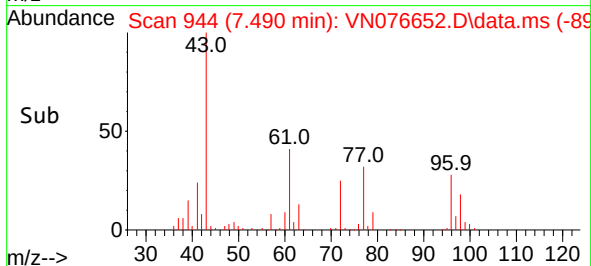
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



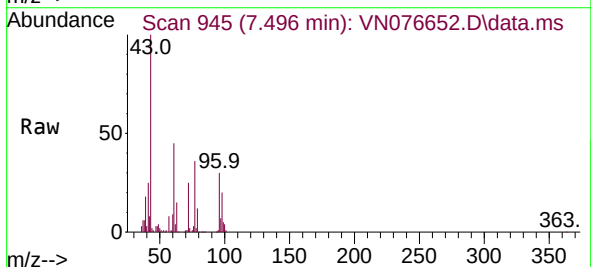
Tgt Ion: 43 Resp: 757450
Ion Ratio Lower Upper
43 100
72 25.0 19.4 29.2

Manual Integrations
APPROVED

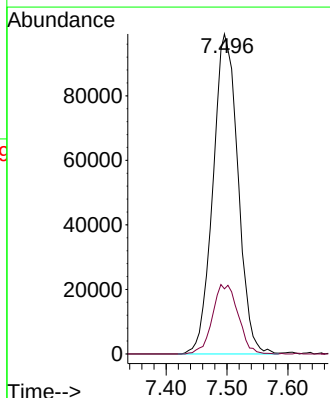
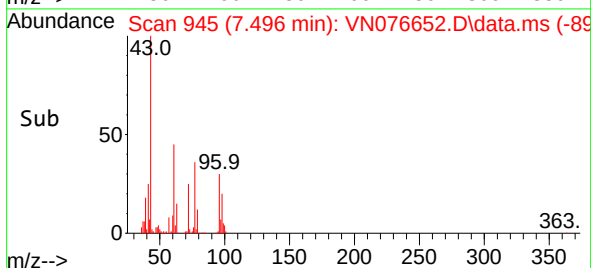
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

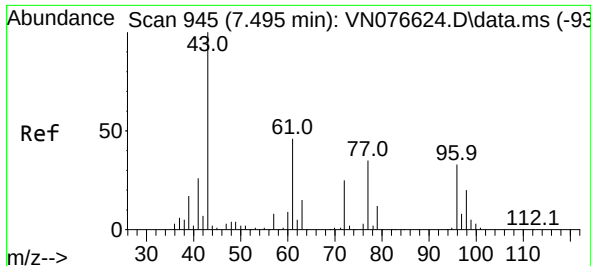


#26
2,2-Dichloropropane
Concen: 49.123 ug/l
RT: 7.496 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



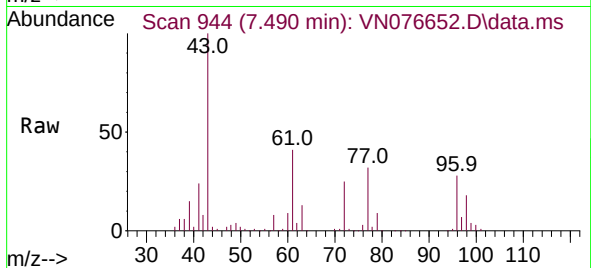
Tgt Ion: 77 Resp: 282624
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 46.957 ug/l
 RT: 7.490 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52

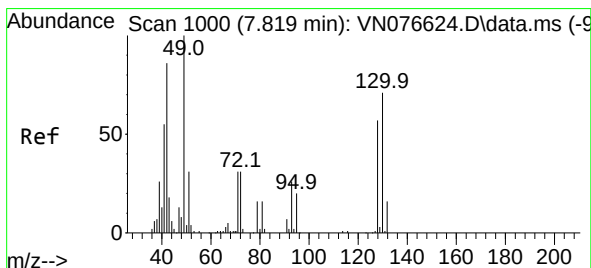
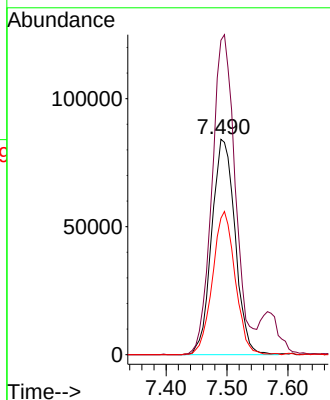
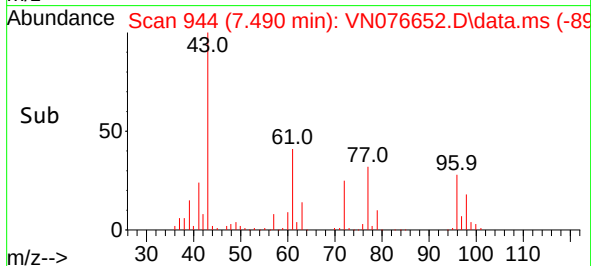
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 22452
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 286.8
 98 64.5 0.0 124.0

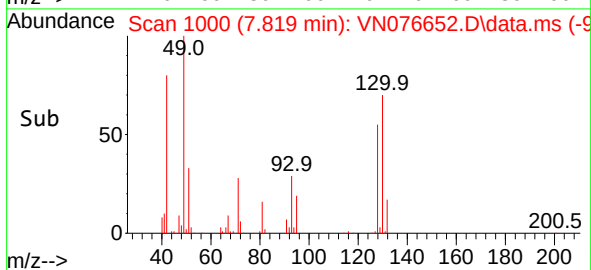
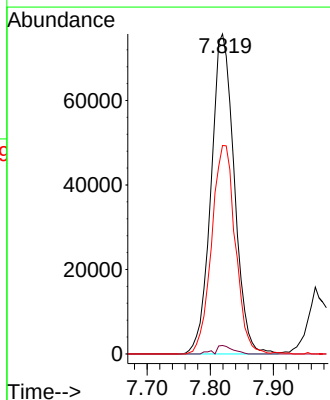
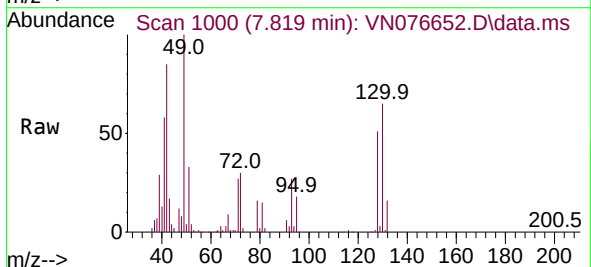
Manual Integrations
 APPROVED

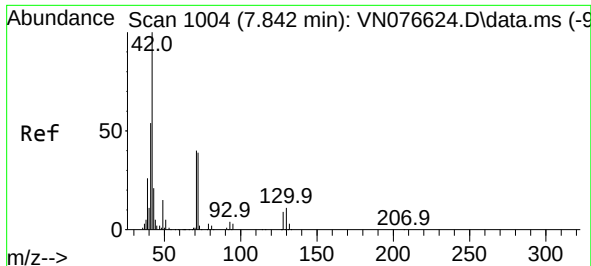
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/15/2023



#28
 Bromochloromethane
 Concen: 50.899 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52

Tgt Ion: 49 Resp: 193233
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 66.5 57.8 86.8





#29

Tetrahydrofuran

Concen: 248.875 ug/l

RT: 7.843 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

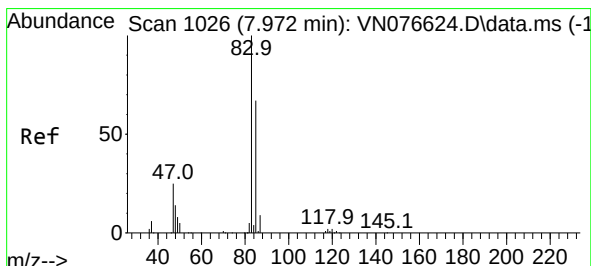
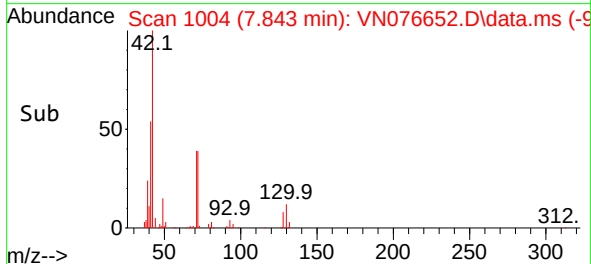
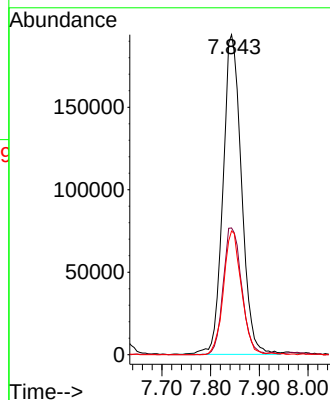
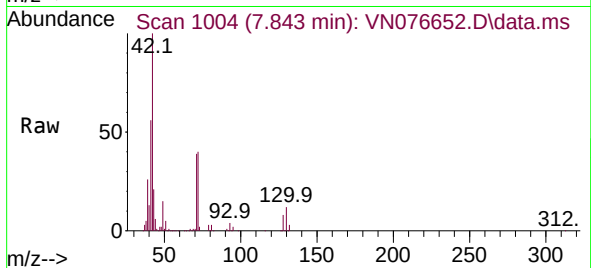
Tgt Ion:	42	Resp:	51330
Ion Ratio	Lower	Upper	
42	100		
72	39.6	31.5	47.3
71	37.6	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#30

Chloroform

Concen: 48.386 ug/l

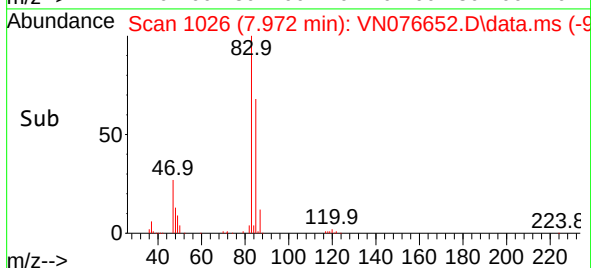
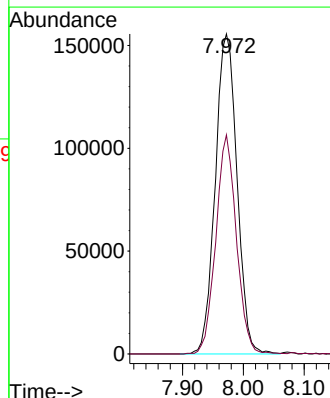
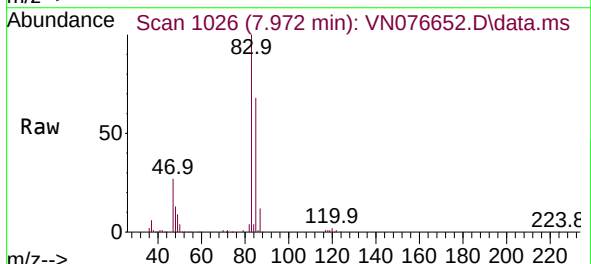
RT: 7.972 min Scan# 1026

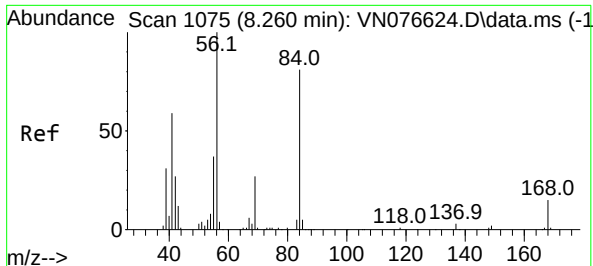
Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

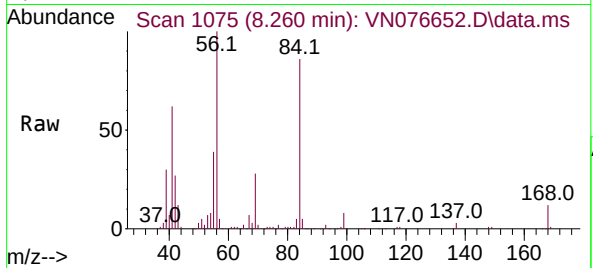
Tgt Ion:	83	Resp:	385619
Ion Ratio	Lower	Upper	
83	100		
85	68.4	53.5	80.3





#31
Cyclohexane
Concen: 45.902 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

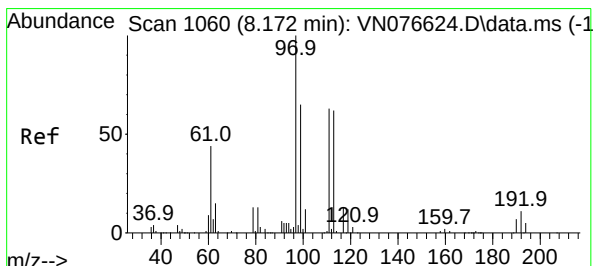
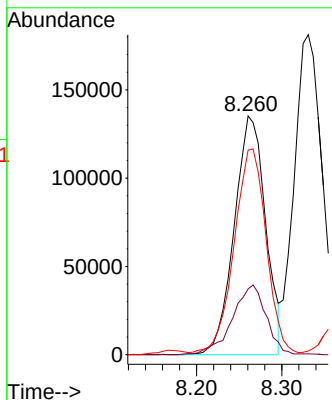
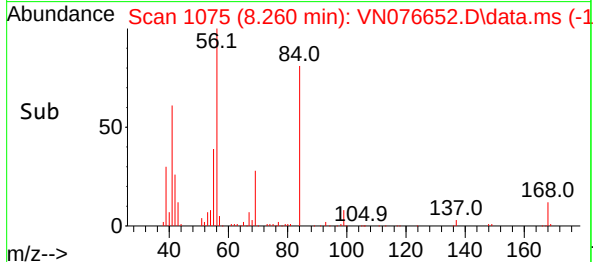
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



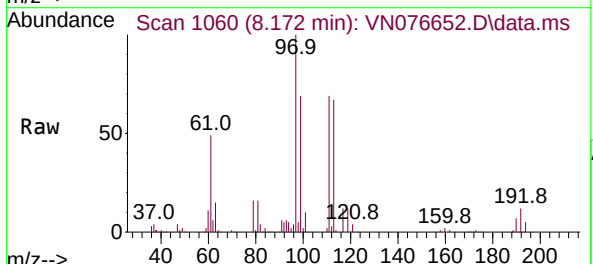
Tgt Ion: 56 Resp: 344969
Ion Ratio Lower Upper
56 100
69 27.5 21.6 32.4
84 84.0 65.1 97.7

Manual Integrations
APPROVED

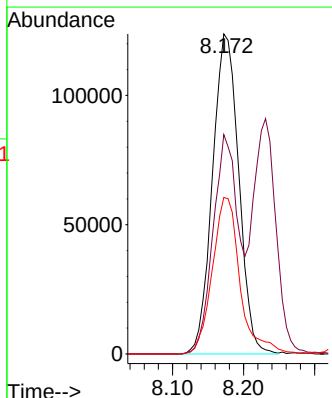
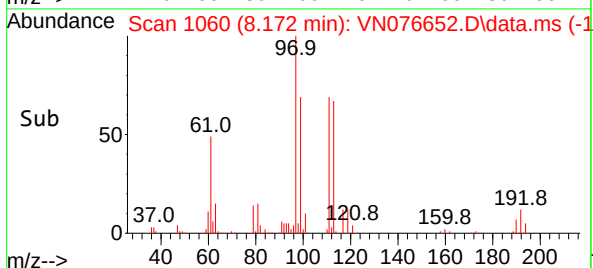
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

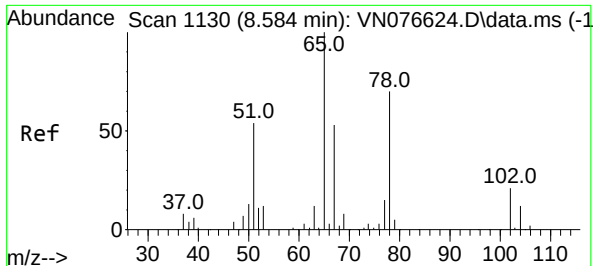


#32
1,1,1-Trichloroethane
Concen: 47.420 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



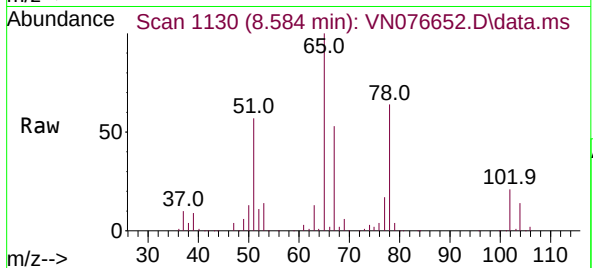
Tgt Ion: 97 Resp: 317752
Ion Ratio Lower Upper
97 100
99 65.6 51.2 76.8
61 51.7 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 50.962 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

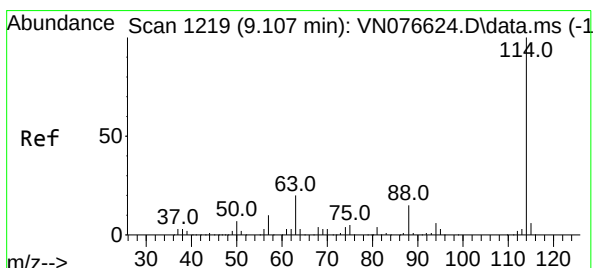
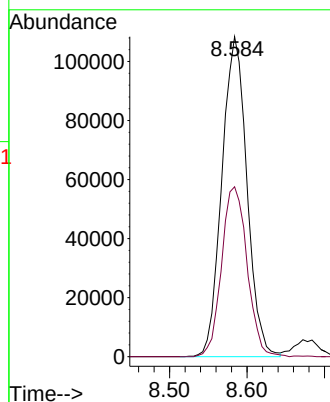
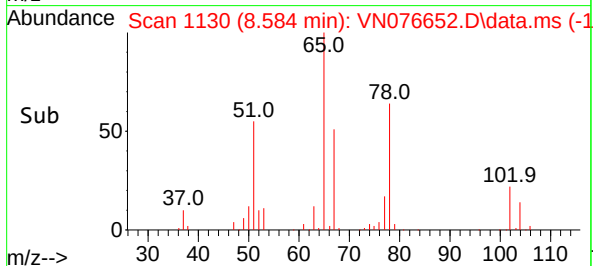
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



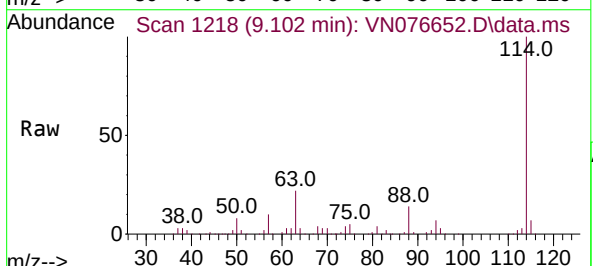
Tgt Ion: 65 Resp: 244159
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.6

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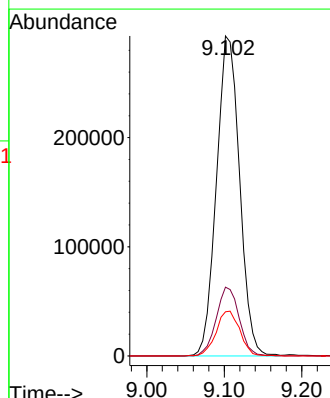
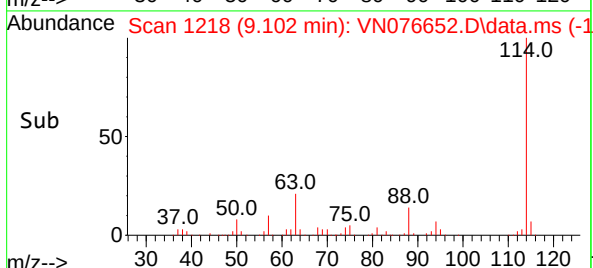
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

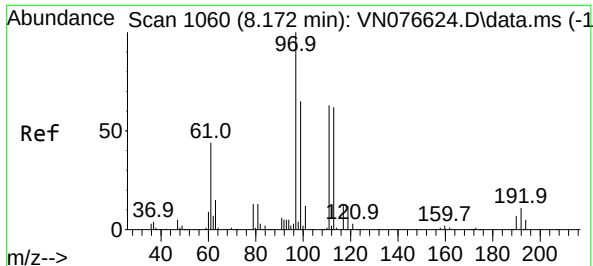


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.102 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



Tgt Ion:114 Resp: 607799
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 13.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.479 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 196940

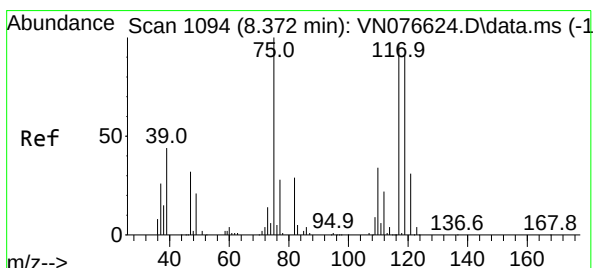
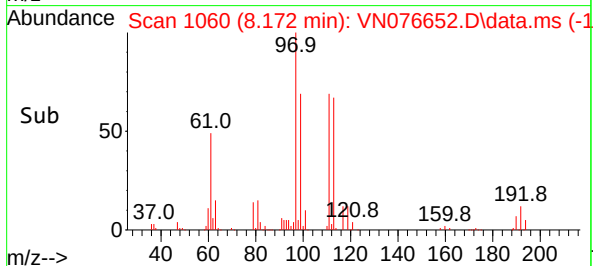
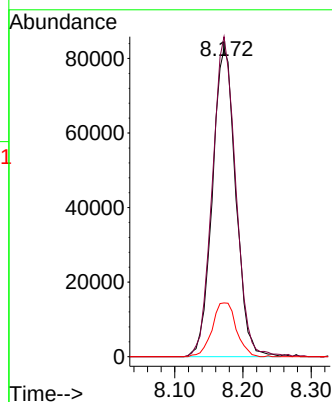
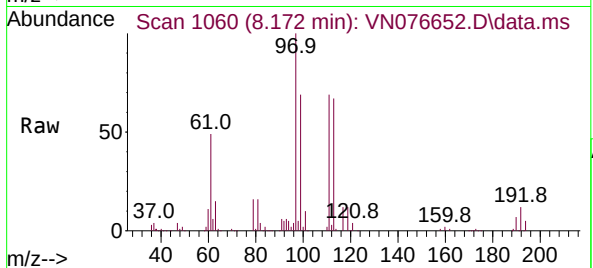
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.1	124.7
192	18.0	15.6	23.4

Manual Integrations

APPROVED

Reviewed By : John Carlone 02/14/2023

Supervised By : Mahesh Dadoda 02/15/2023



#36

1,1-Dichloropropene

Concen: 48.471 ug/l

RT: 8.378 min Scan# 1095

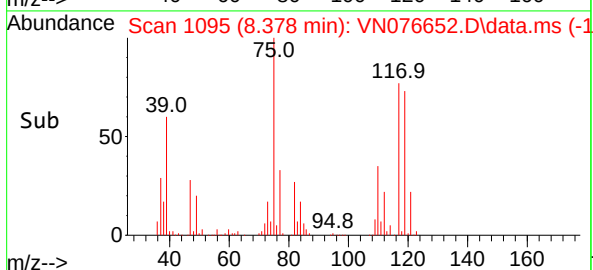
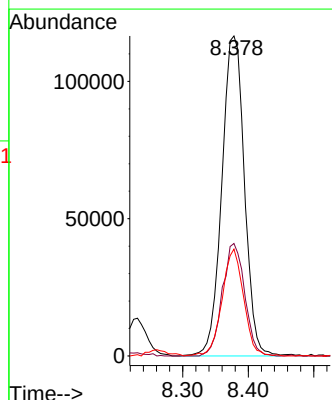
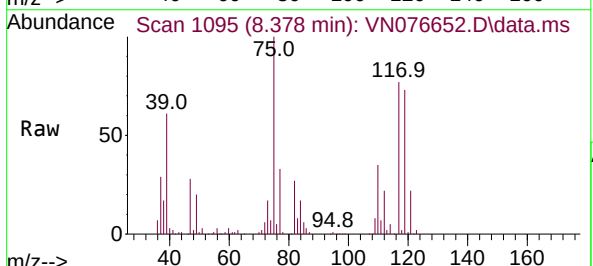
Delta R.T. 0.006 min

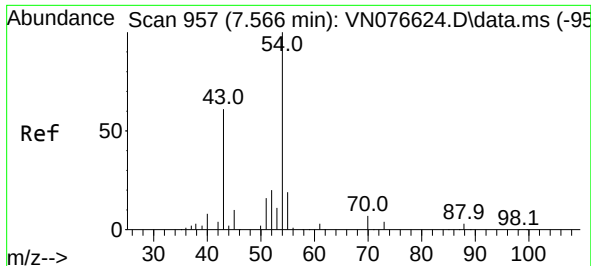
Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Tgt Ion: 75 Resp: 278753

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.5	52.5
77	31.9	24.5	36.7





#37

Ethyl Acetate

Concen: 50.220 ug/l

RT: 7.566 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

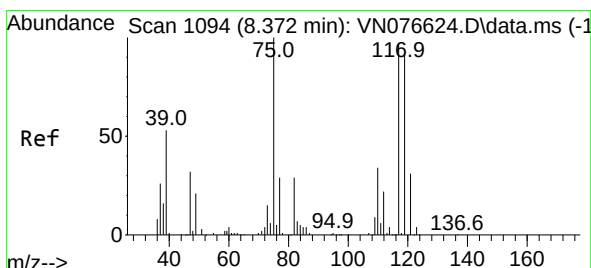
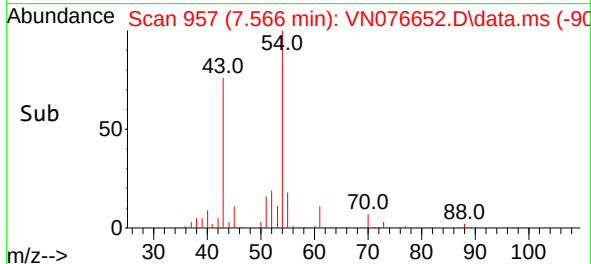
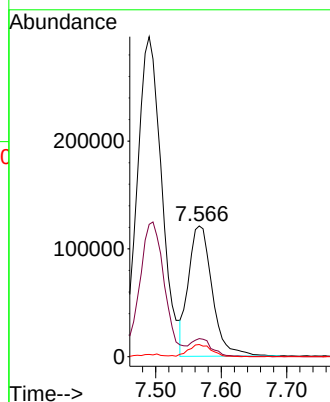
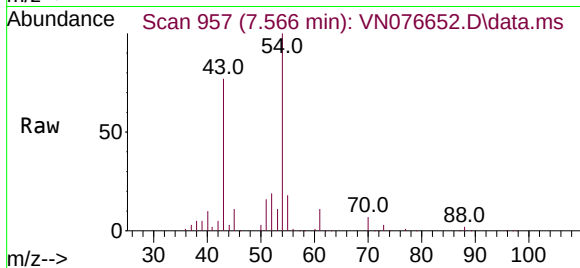
VSTDCCC050

Tgt Ion: 43 Resp: 30387

Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.9	14.9
70	9.2	7.8	11.6

Manual Integrations
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Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#38

Carbon Tetrachloride

Concen: 47.774 ug/l

RT: 8.366 min Scan# 1093

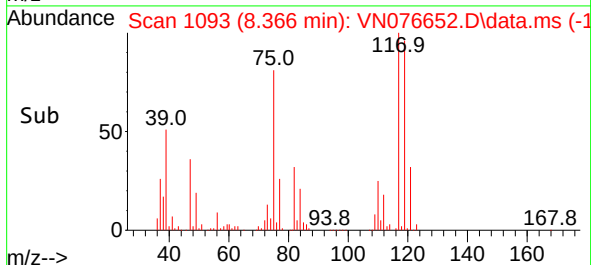
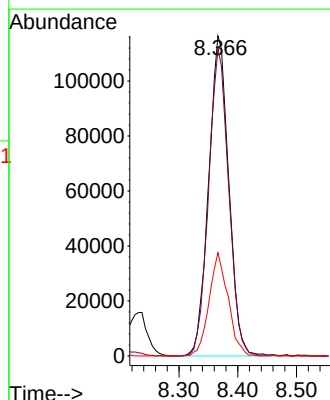
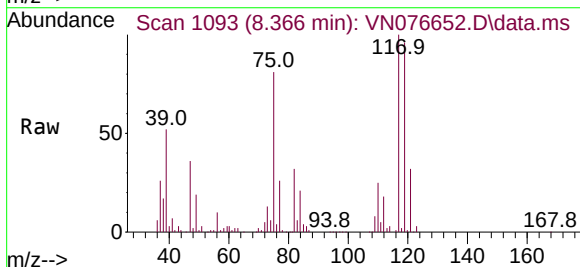
Delta R.T. -0.006 min

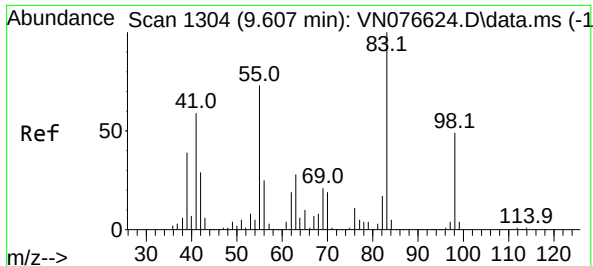
Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Tgt Ion:117 Resp: 277157

Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.4	113.0
121	32.3	26.0	39.0





#39

Methylcyclohexane

Concen: 52.540 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

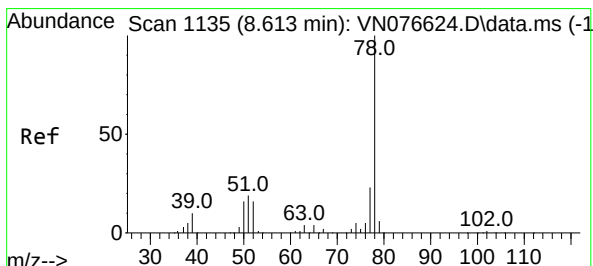
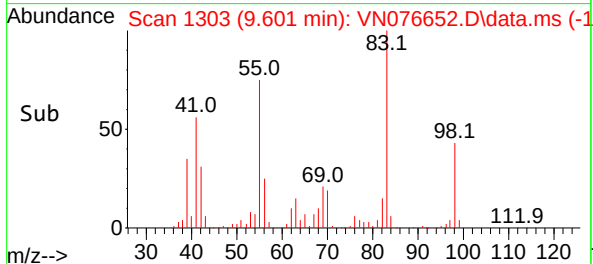
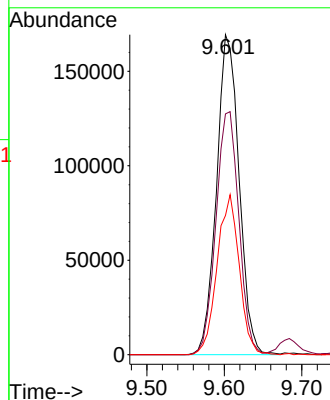
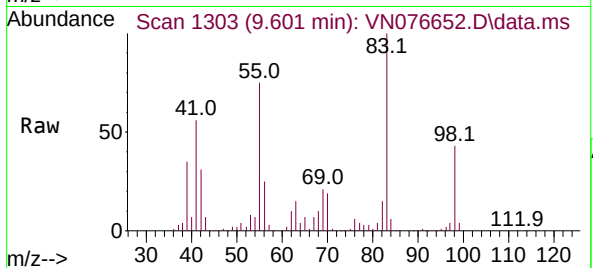
Tgt Ion: 83 Resp: 343450
 Ion Ratio Lower Upper
 83 100
 55 75.2 58.6 88.0
 98 43.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#40

Benzene

Concen: 49.419 ug/l

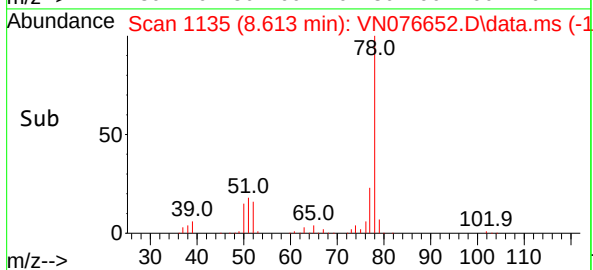
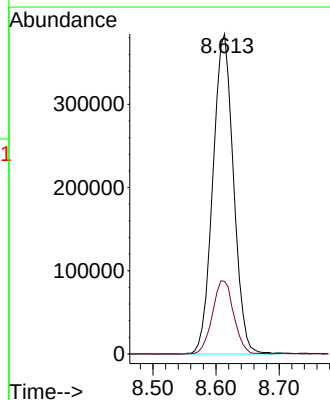
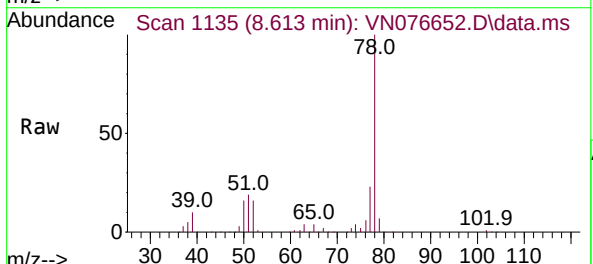
RT: 8.613 min Scan# 1135

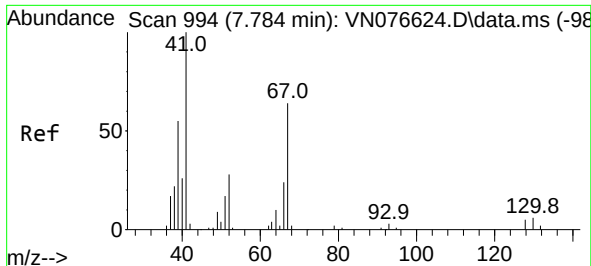
Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

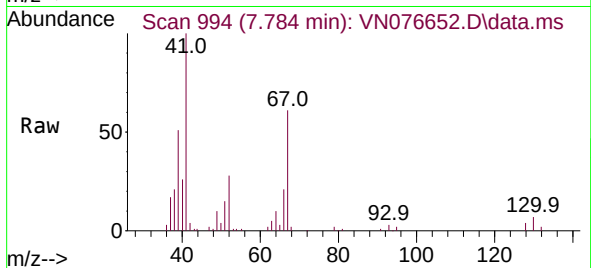
Tgt Ion: 78 Resp: 872779
 Ion Ratio Lower Upper
 78 100
 77 22.7 18.2 27.4





#41
Methacrylonitrile
Concen: 52.221 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

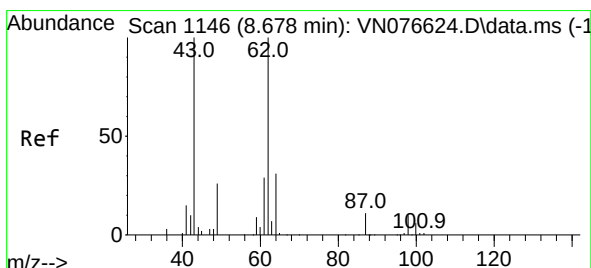
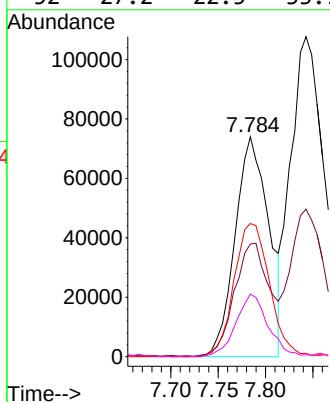
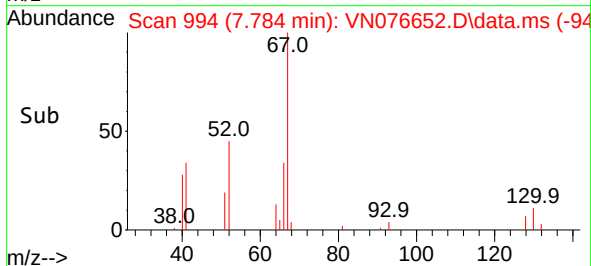
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 18305
Ion Ratio Lower Upper
41 100
39 54.0 42.6 63.8
67 63.9 51.4 77.0
52 27.2 22.5 33.7

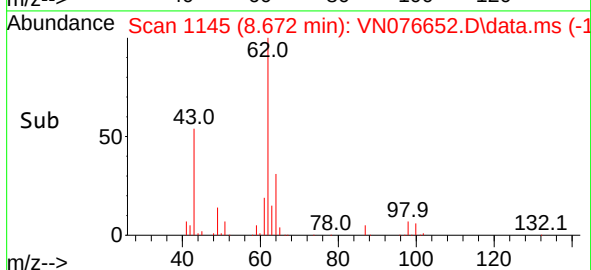
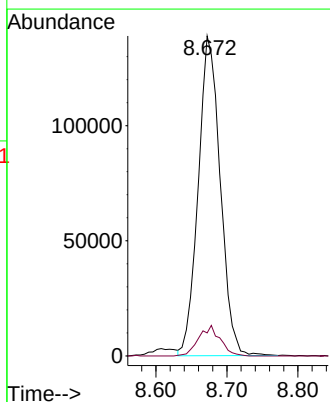
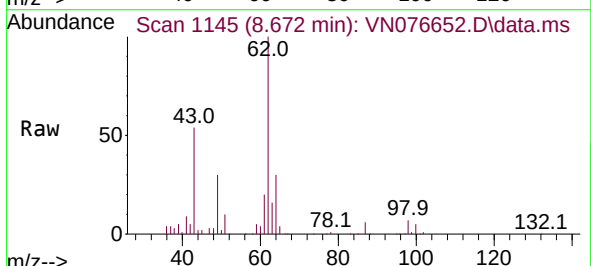
Manual Integrations
APPROVED

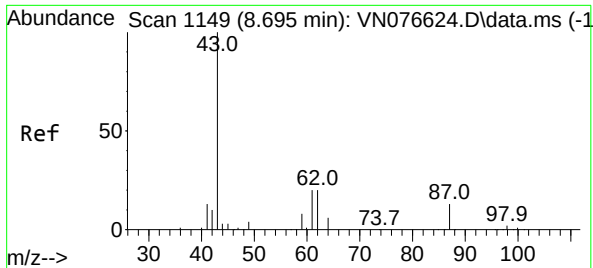
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#42
1,2-Dichloroethane
Concen: 48.643 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

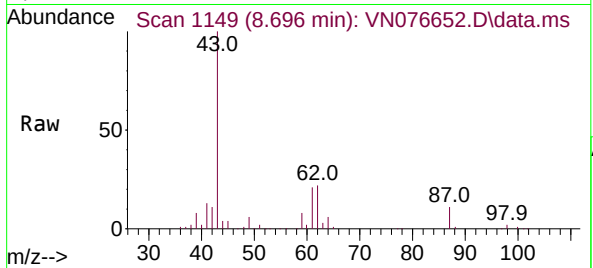
Tgt Ion: 62 Resp: 299618
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.2





#43
Isopropyl Acetate
Concen: 55.414 ug/l
RT: 8.696 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

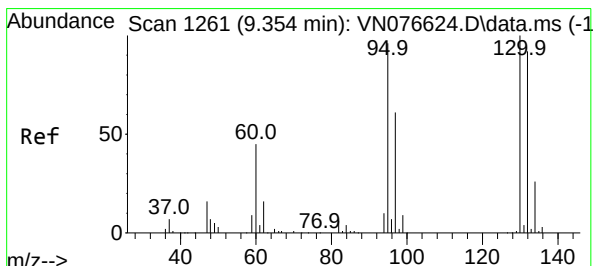
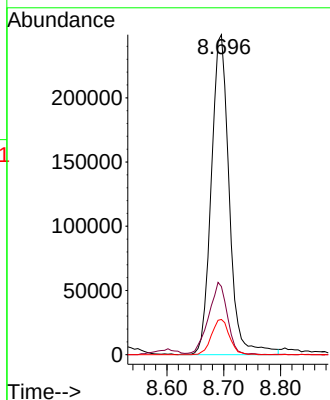
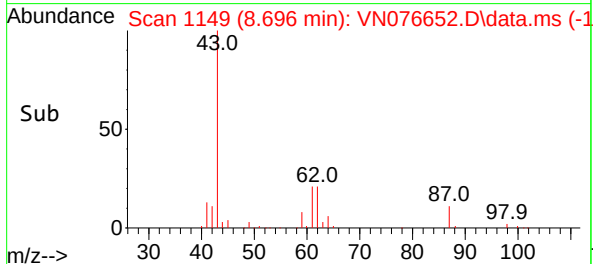
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



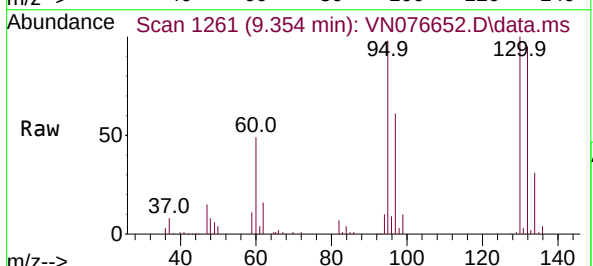
Tgt Ion: 43 Resp: 545608
Ion Ratio Lower Upper
43 100
61 23.0 20.0 30.0
87 11.0 9.9 14.9

Manual Integrations
APPROVED

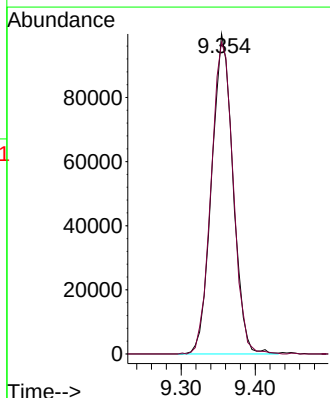
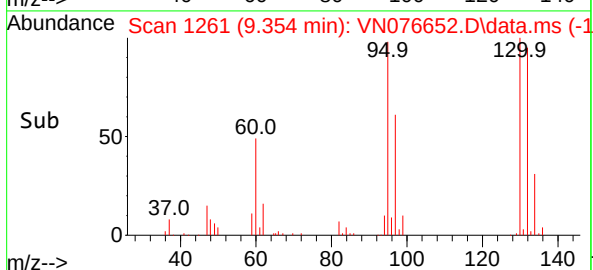
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

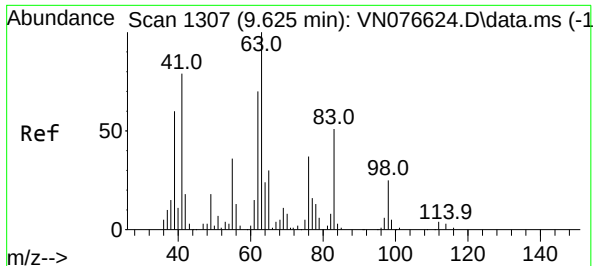


#44
Trichloroethene
Concen: 47.770 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



Tgt Ion:130 Resp: 199367
Ion Ratio Lower Upper
130 100
95 97.5 0.0 191.4





#45

1,2-Dichloropropane

Concen: 48.724 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 227792

Ion Ratio Lower Upper

63 100

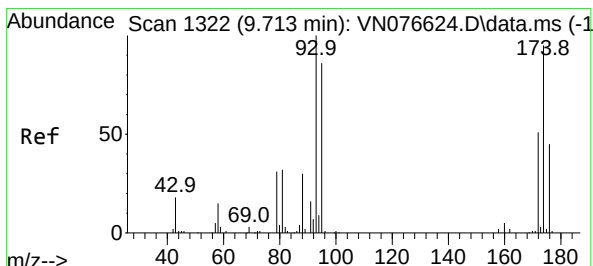
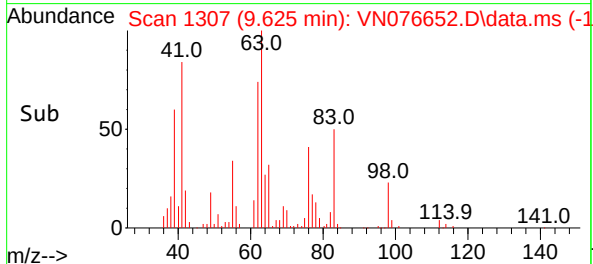
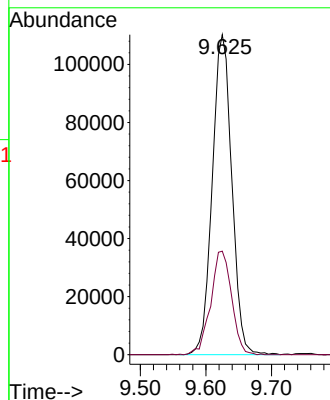
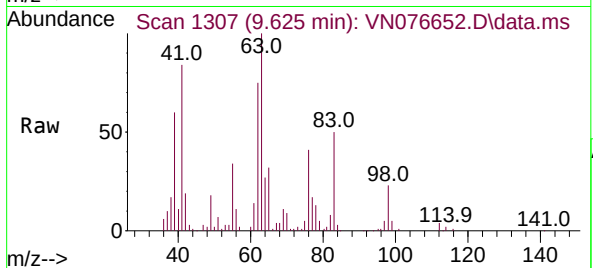
65 32.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#46

Dibromomethane

Concen: 50.119 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

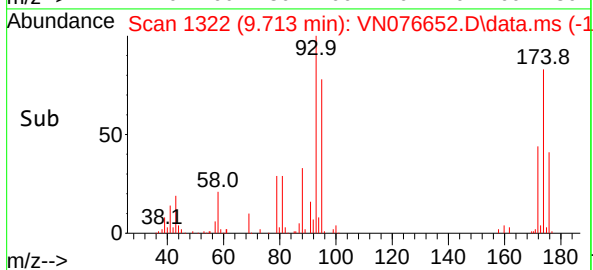
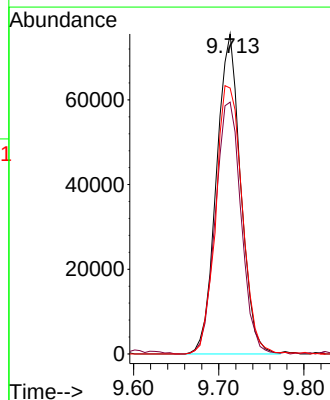
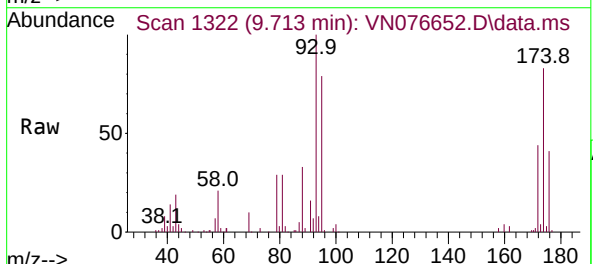
Tgt Ion: 93 Resp: 149799

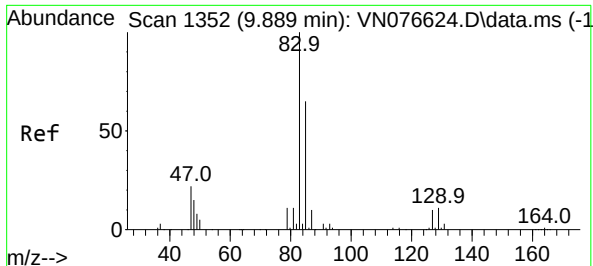
Ion Ratio Lower Upper

93 100

95 83.5 66.0 99.0

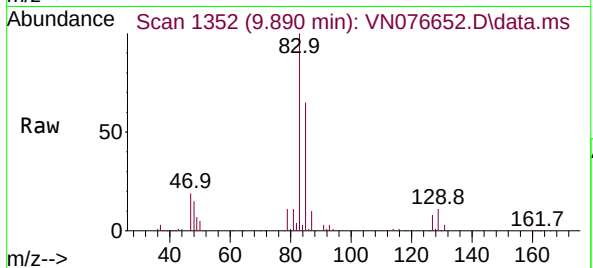
174 91.6 75.8 113.8





#47
Bromodichloromethane
Concen: 51.197 ug/l
RT: 9.890 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

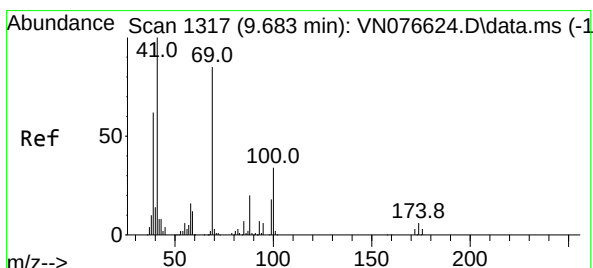
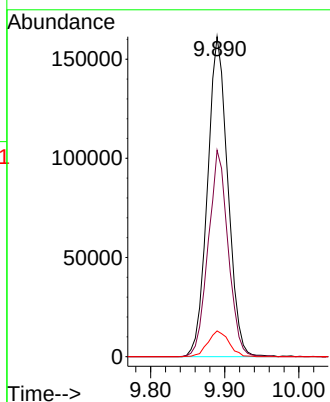
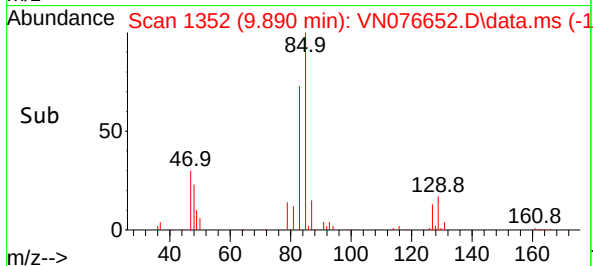
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 306780
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6
127 8.1 7.9 11.9

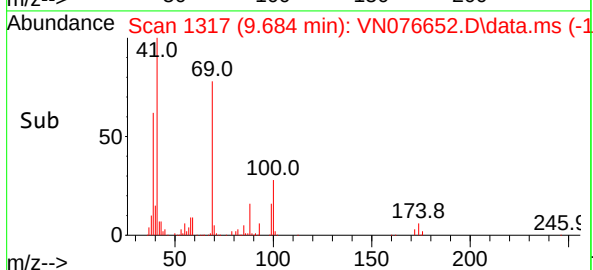
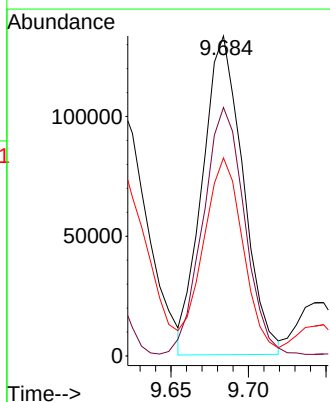
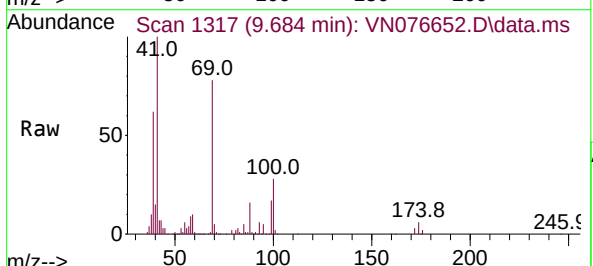
Manual Integrations
APPROVED

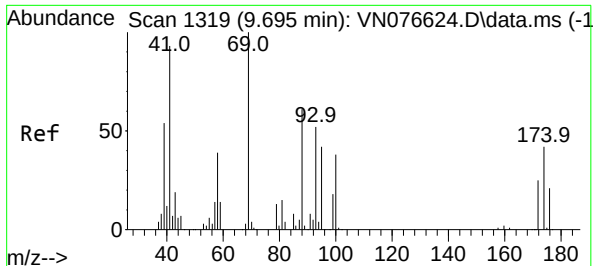
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#48
Methyl methacrylate
Concen: 51.851 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion: 41 Resp: 242256
Ion Ratio Lower Upper
41 100
69 79.7 65.4 98.0
39 61.3 49.3 73.9





#49

1,4-Dioxane

Concen: 1037.923 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 8388

Ion Ratio Lower Upper

88 100

43 28.8 22.6 33.8

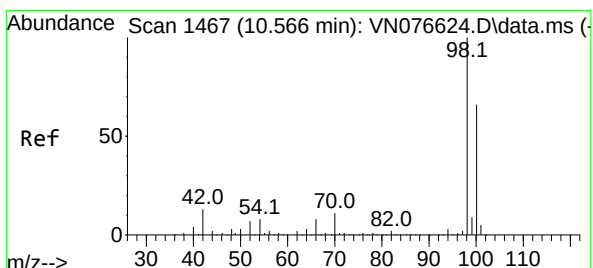
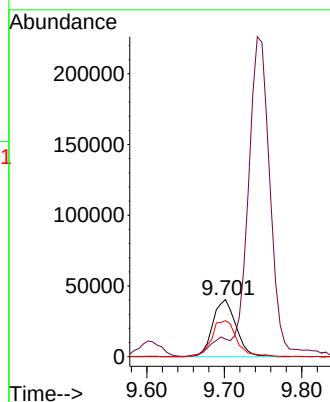
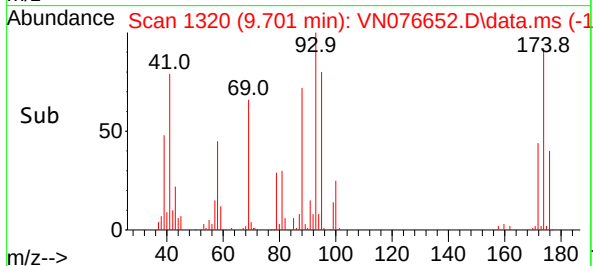
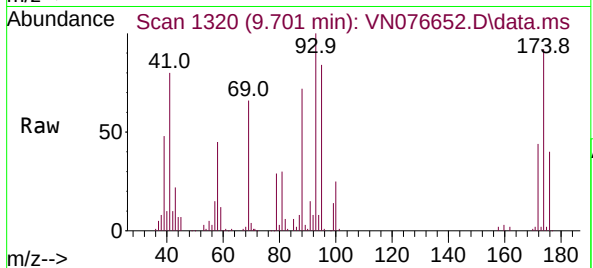
58 68.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#50

Toluene-d8

Concen: 53.030 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN076652.D

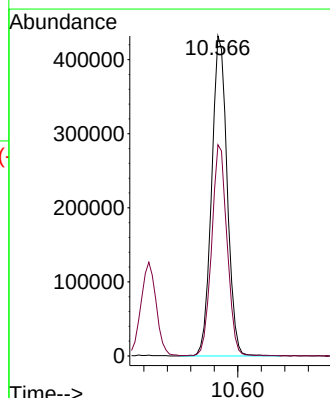
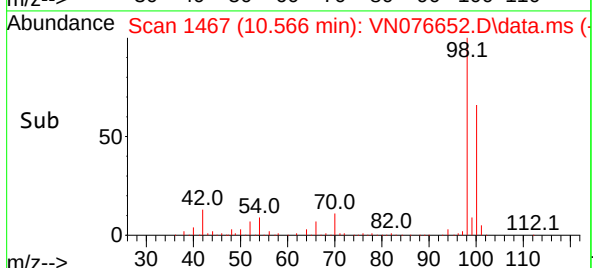
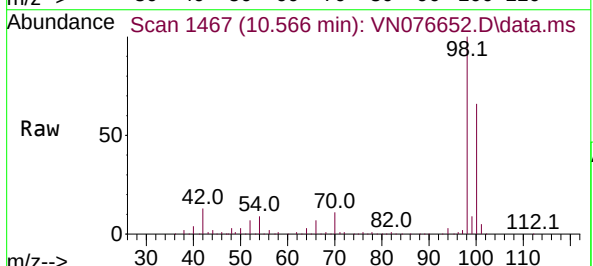
Acq: 14 Feb 2023 10:52

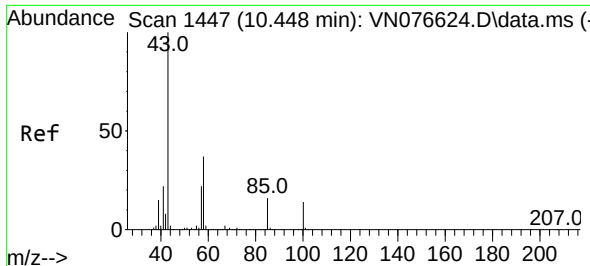
Tgt Ion: 98 Resp: 788282

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3





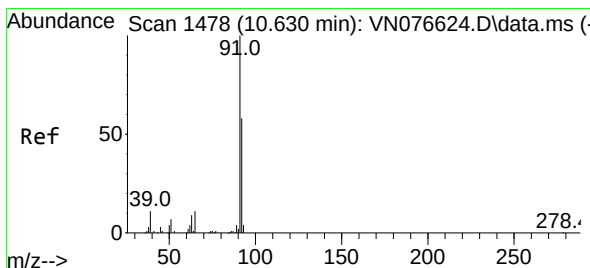
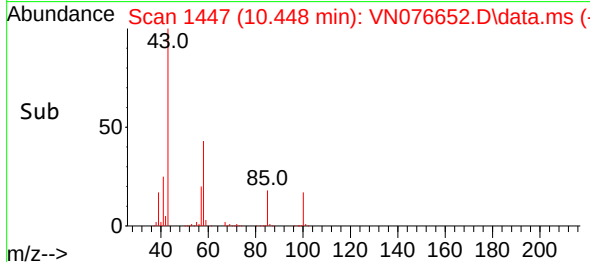
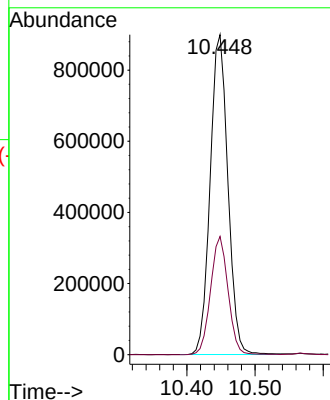
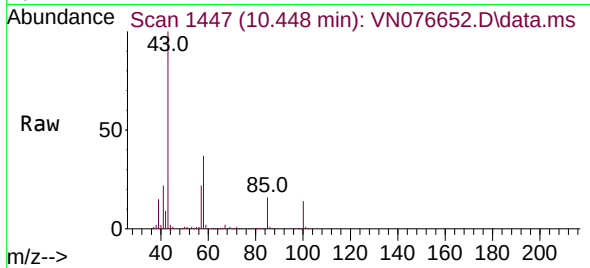
#51
4-Methyl-2-Pentanone
Concen: 260.106 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1629439
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

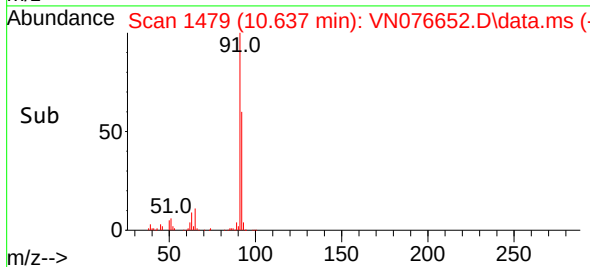
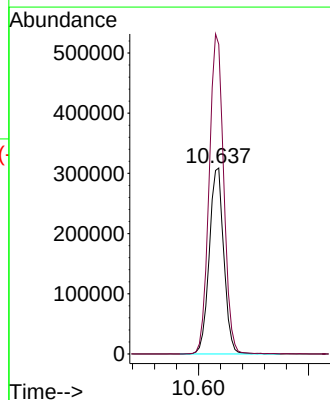
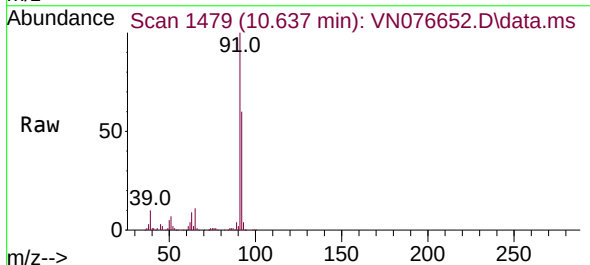
Manual Integrations
APPROVED

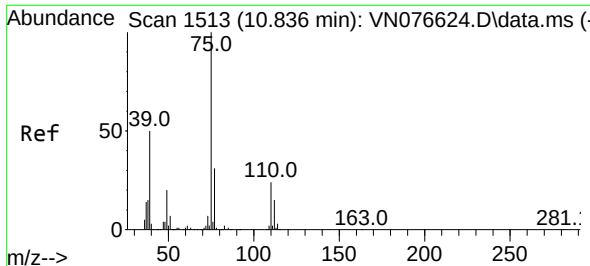
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#52
Toluene
Concen: 53.107 ug/l
RT: 10.637 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

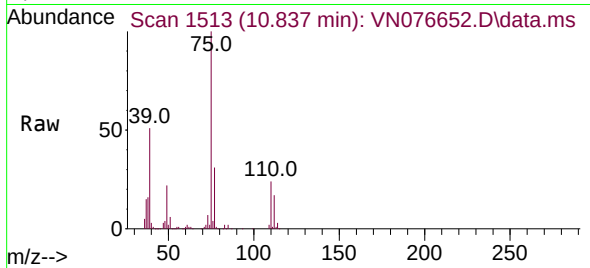
Tgt Ion: 92 Resp: 566259
Ion Ratio Lower Upper
92 100
91 172.6 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 54.775 ug/l
RT: 10.837 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

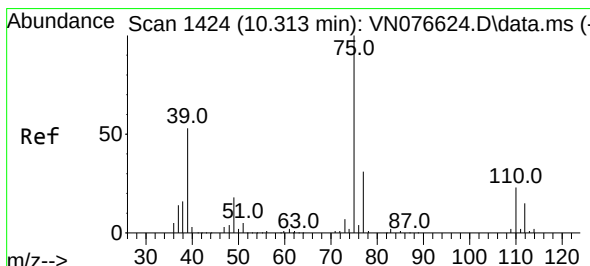
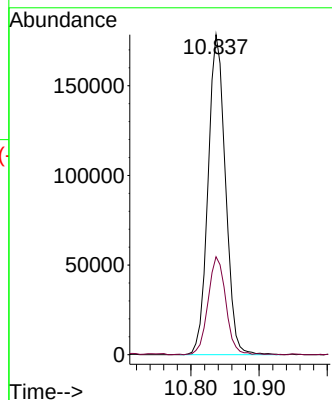
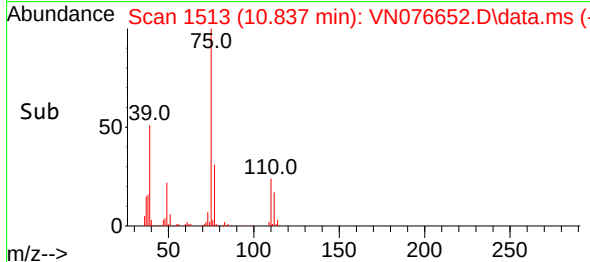
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 31680
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

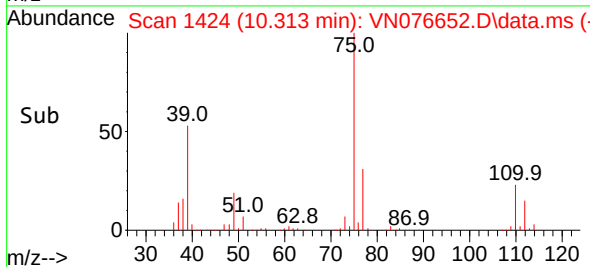
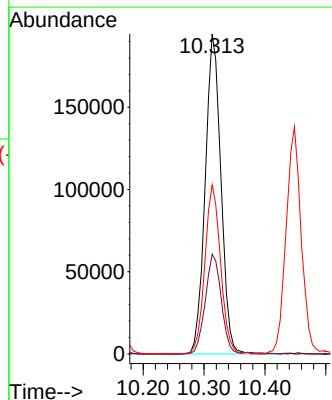
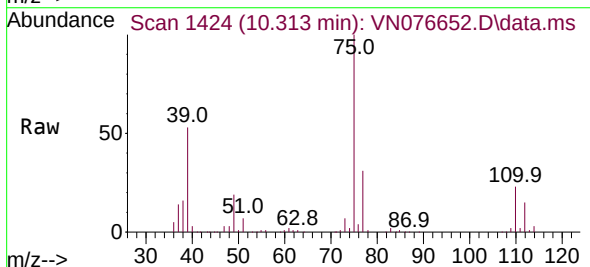
Manual Integrations
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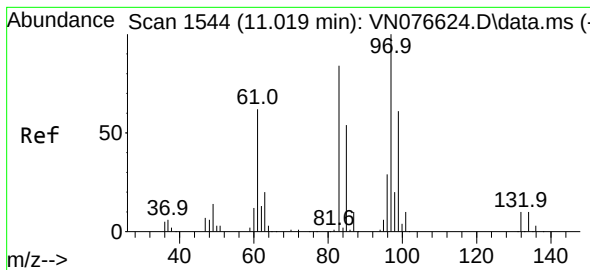
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#54
cis-1,3-Dichloropropene
Concen: 52.424 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

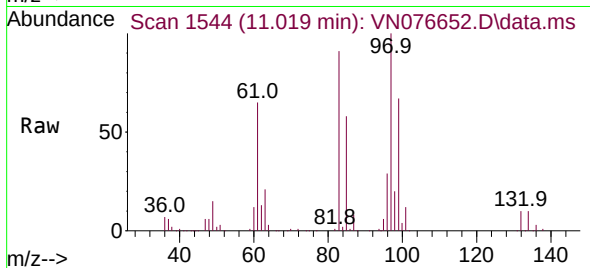
Tgt Ion: 75 Resp: 349744
Ion Ratio Lower Upper
75 100
77 31.2 25.1 37.7
39 52.7 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 50.424 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

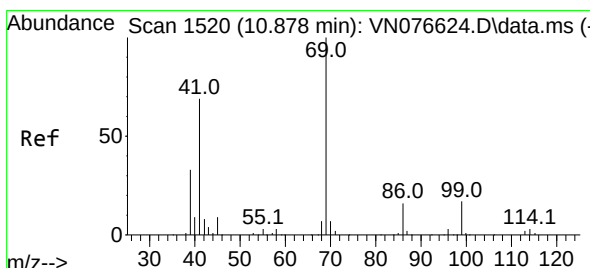
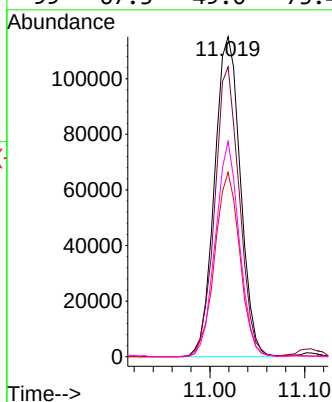
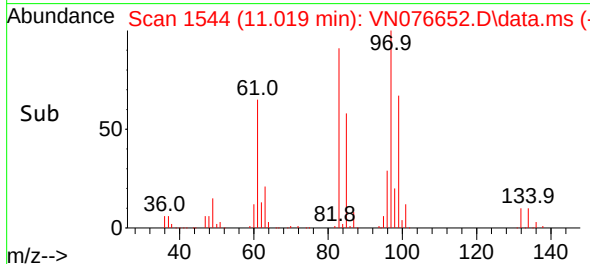
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



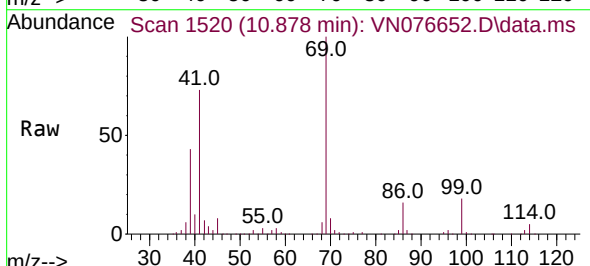
Tgt Ion: 97 Resp: 218620
Ion Ratio Lower Upper
97 100
83 90.6 67.3 100.9
85 57.6 43.2 64.8
99 67.3 49.0 73.4

Manual Integrations
APPROVED

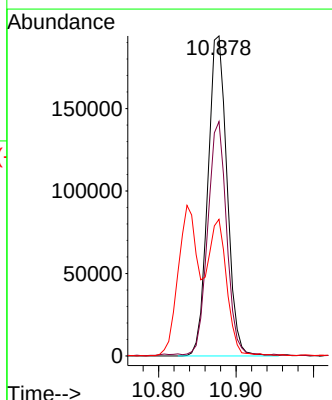
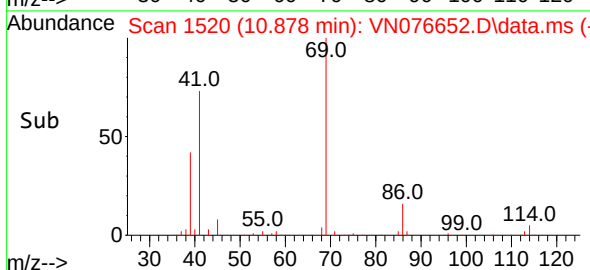
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

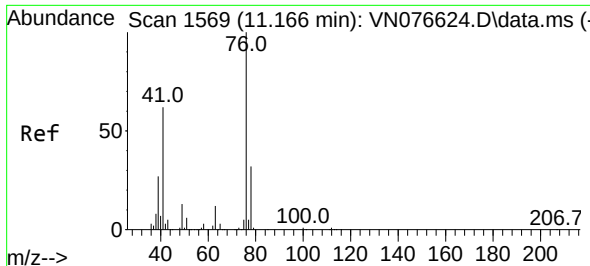


#56
Ethyl methacrylate
Concen: 54.472 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



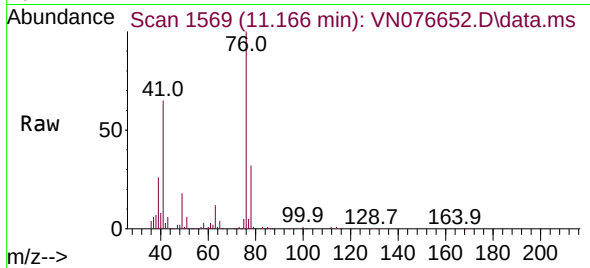
Tgt Ion: 69 Resp: 332436
Ion Ratio Lower Upper
69 100
41 72.9 55.1 82.7
39 42.6 30.7 46.1





#57
1,3-Dichloropropane
Concen: 50.783 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

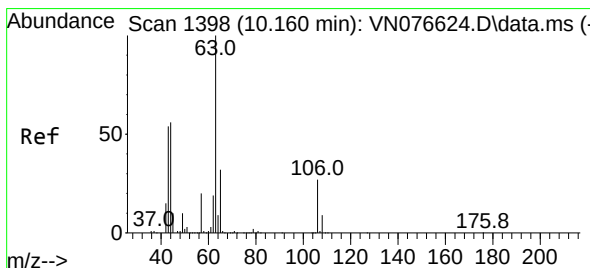
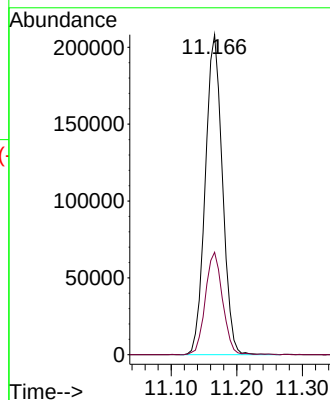
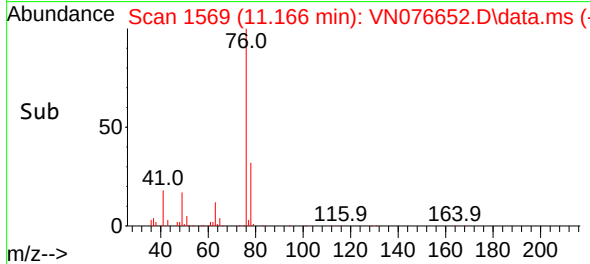
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 37828
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

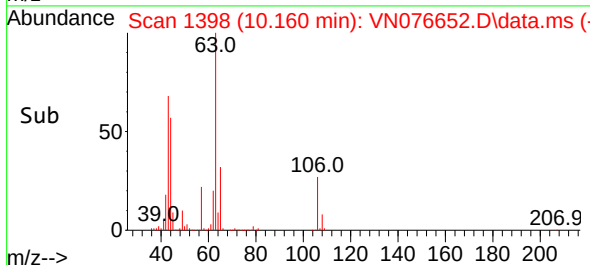
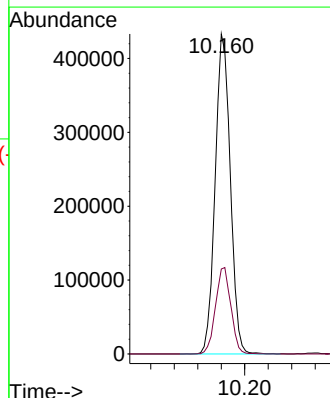
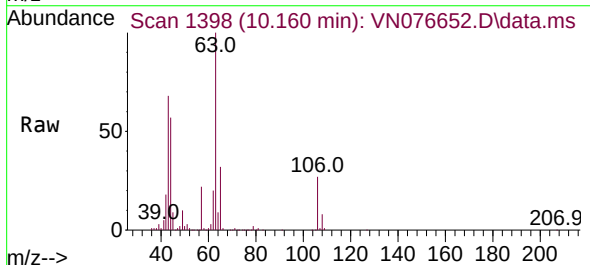
Manual Integrations
APPROVED

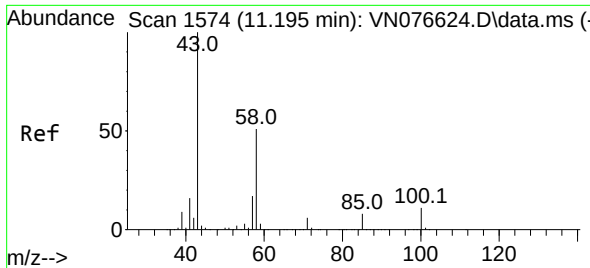
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 276.698 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

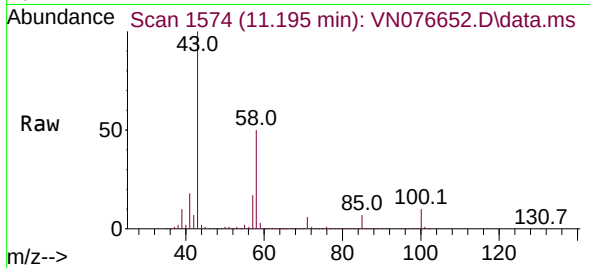
Tgt Ion: 63 Resp: 773367
Ion Ratio Lower Upper
63 100
106 27.4 22.3 33.5





#59
2-Hexanone
Concen: 262.451 ug/l
RT: 11.195 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

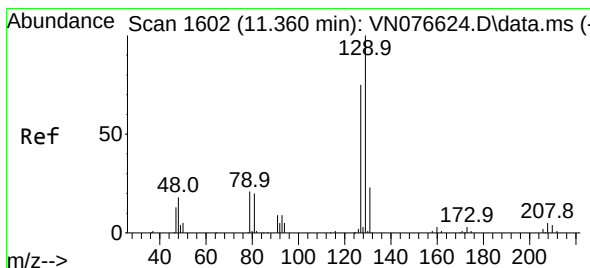
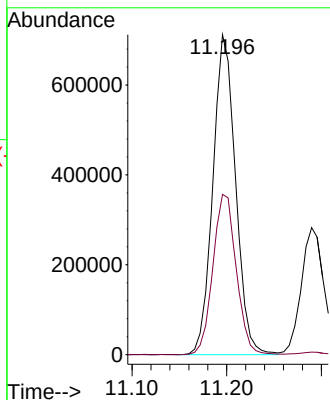
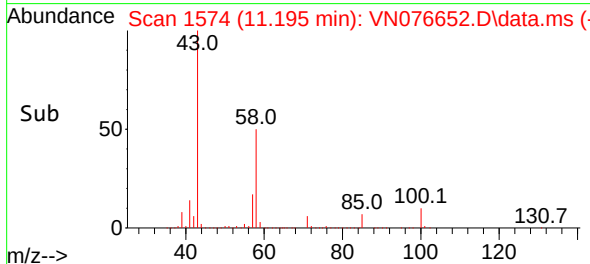
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1185470
Ion Ratio Lower Upper
43 100
58 51.5 25.4 76.0

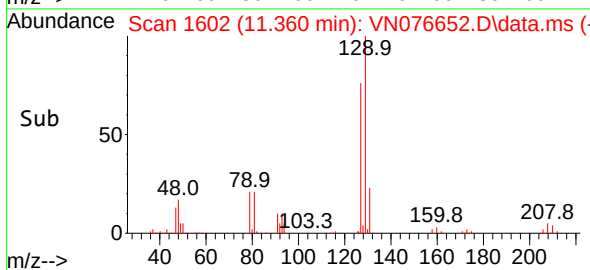
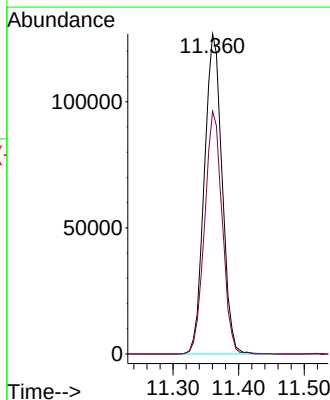
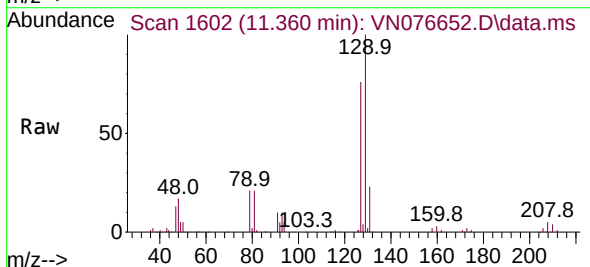
Manual Integrations
APPROVED

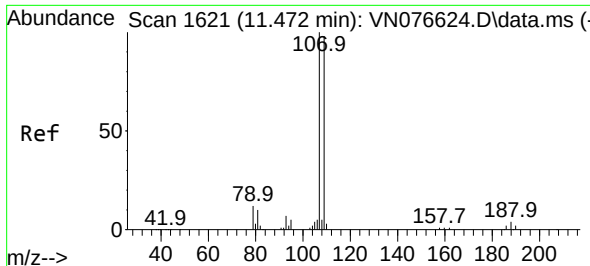
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#60
Dibromochloromethane
Concen: 52.237 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

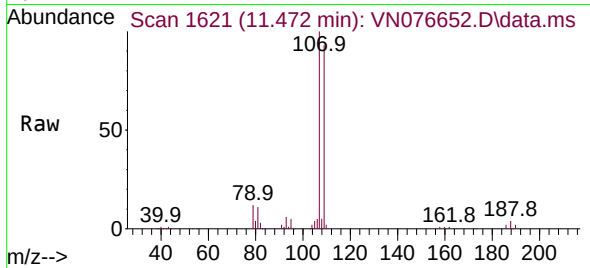
Tgt Ion:129 Resp: 238699
Ion Ratio Lower Upper
129 100
127 75.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.725 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

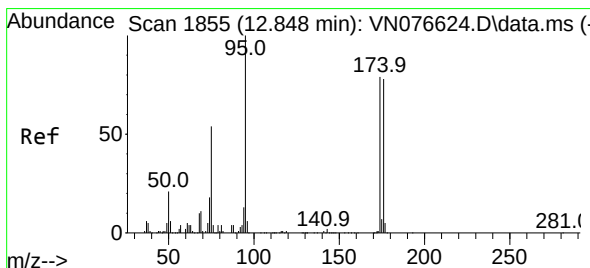
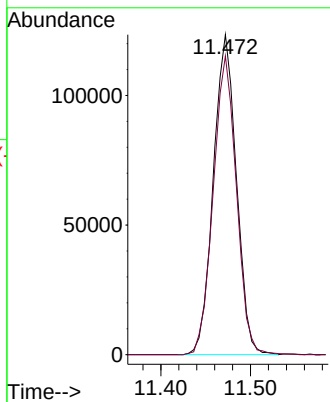
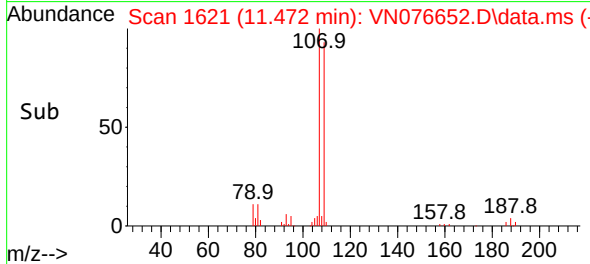
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



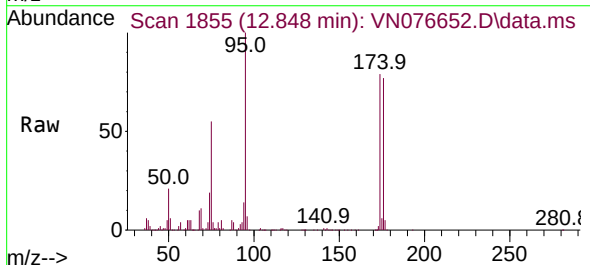
Tgt Ion:107 Resp: 22013
Ion Ratio Lower Upper
107 100
109 94.0 76.8 115.2

Manual Integrations
APPROVED

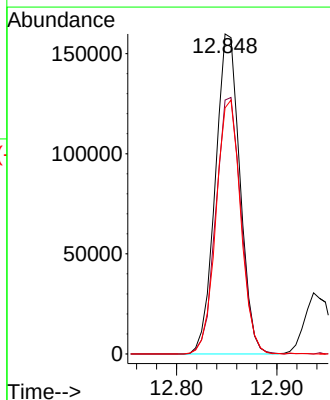
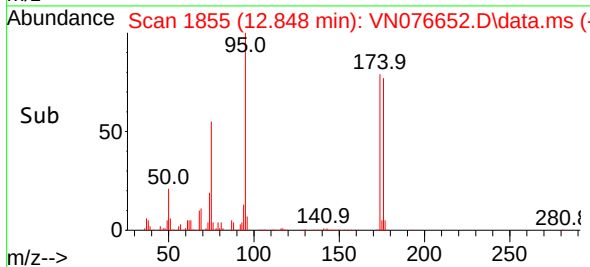
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

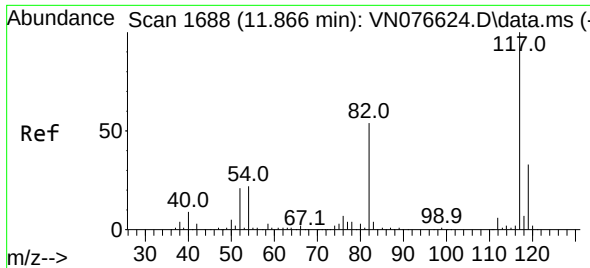


#62
4-Bromofluorobenzene
Concen: 55.303 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



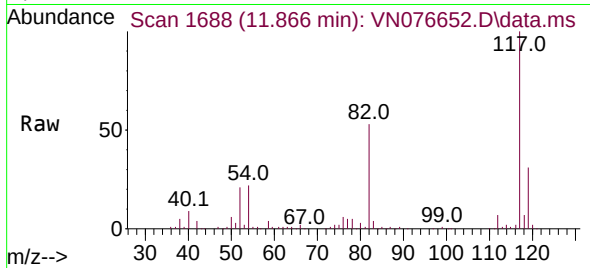
Tgt Ion: 95 Resp: 272272
Ion Ratio Lower Upper
95 100
174 81.5 0.0 169.2
176 79.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

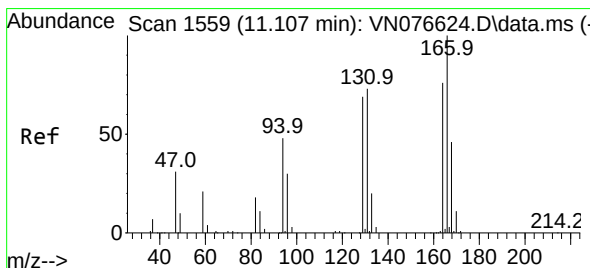
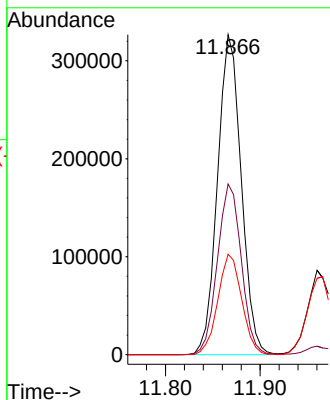
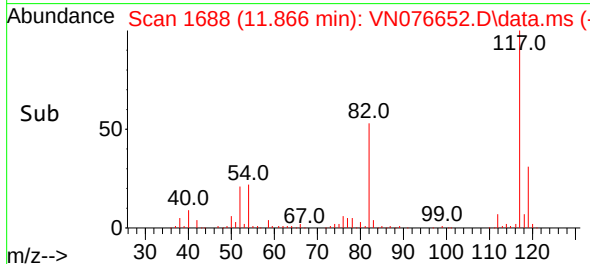
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



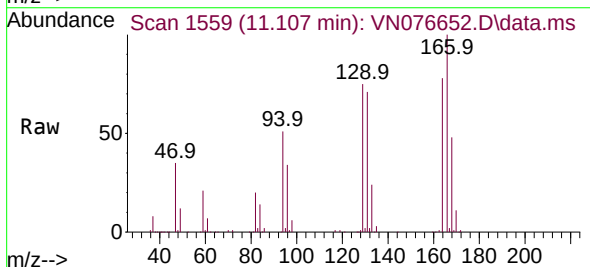
Tgt Ion:117 Resp: 56929
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.2
119 31.4 26.1 39.1

Manual Integrations
APPROVED

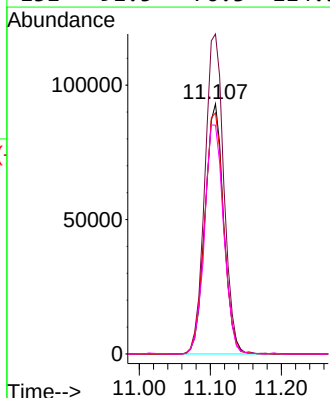
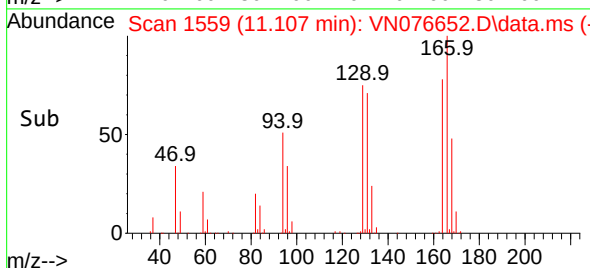
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

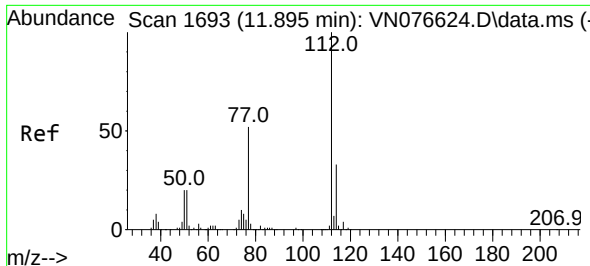


#64
Tetrachloroethene
Concen: 47.215 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



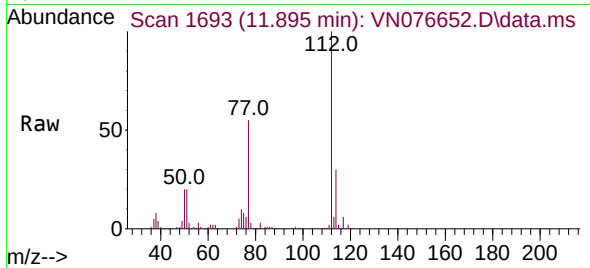
Tgt Ion:164 Resp: 169389
Ion Ratio Lower Upper
164 100
166 128.0 104.8 157.2
129 96.4 72.2 108.2
131 91.5 76.3 114.5





#65
Chlorobenzene
Concen: 48.481 ug/l
RT: 11.895 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

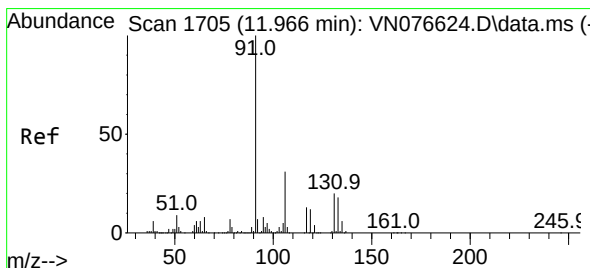
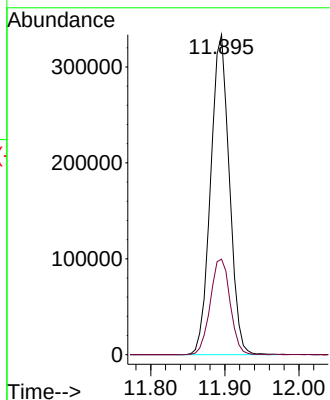
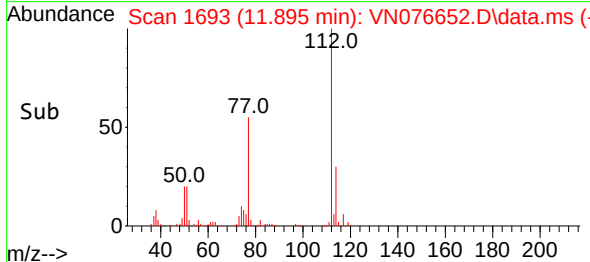
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 58492
Ion Ratio Lower Upper
112 100
114 29.9 26.4 39.6

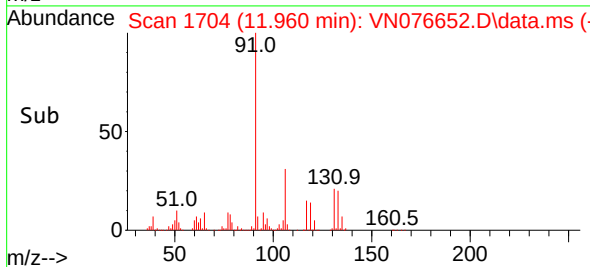
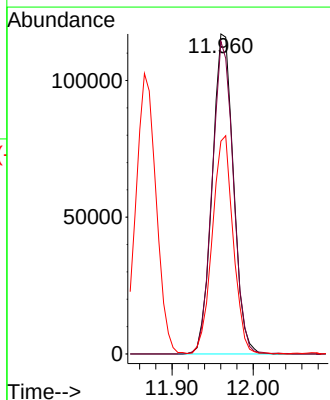
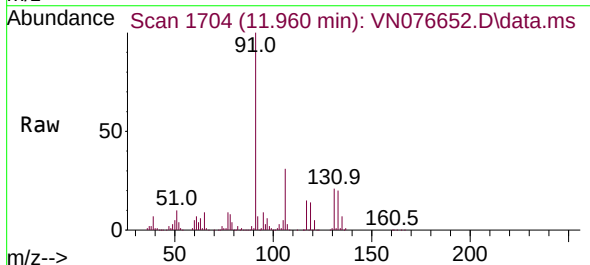
Manual Integrations
APPROVED

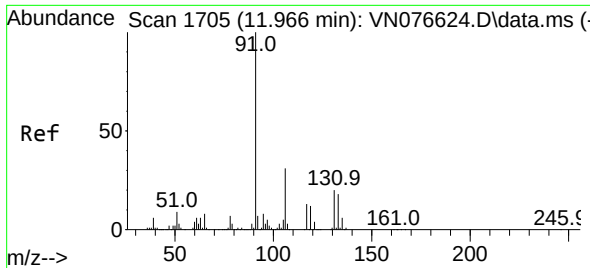
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.460 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion:131 Resp: 212364
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.0
119 67.2 32.3 96.8





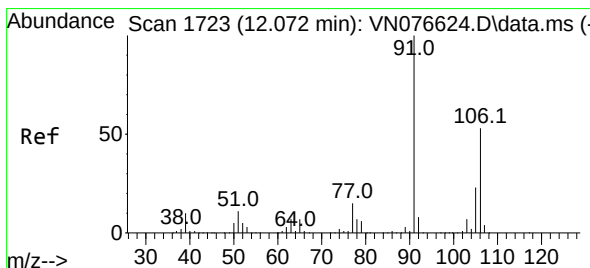
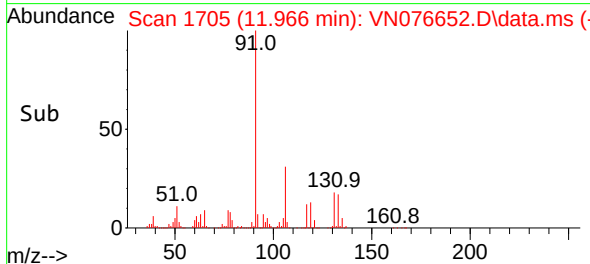
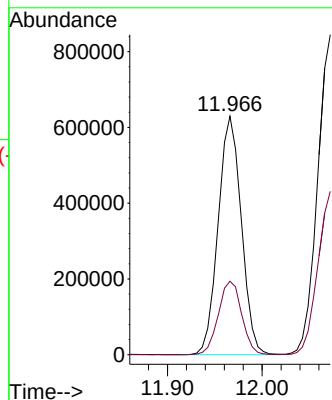
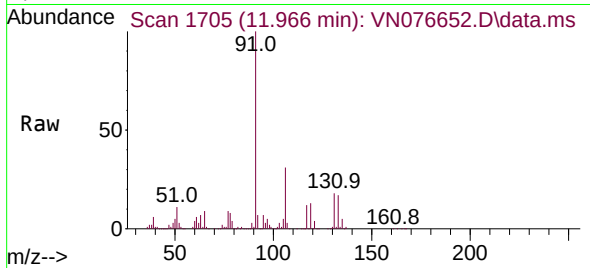
#67
Ethyl Benzene
Concen: 52.113 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1071170
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

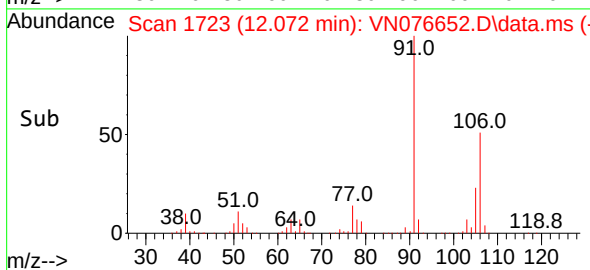
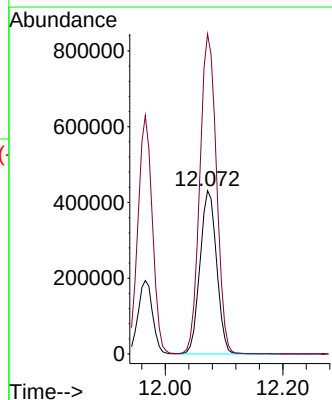
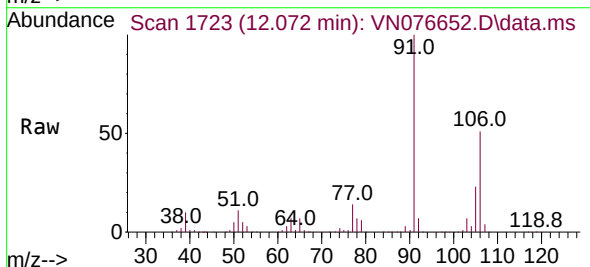
Manual Integrations
APPROVED

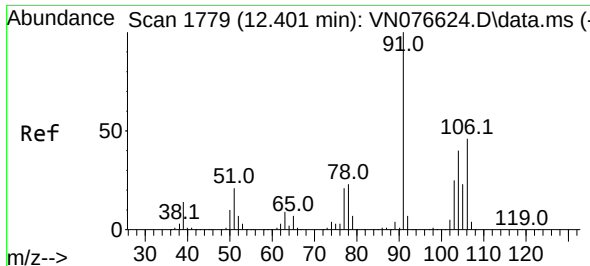
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#68
m/p-Xylenes
Concen: 106.483 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion:106 Resp: 843651
Ion Ratio Lower Upper
106 100
91 196.1 154.7 232.1





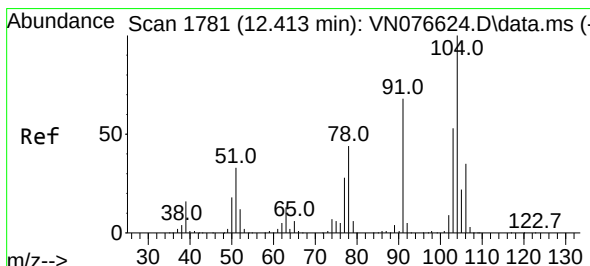
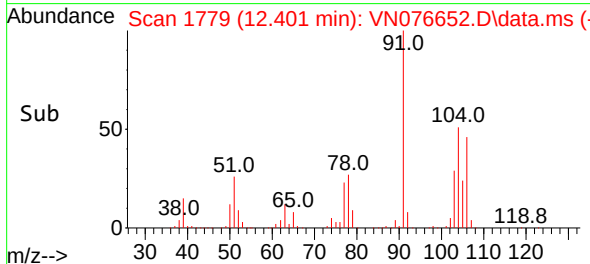
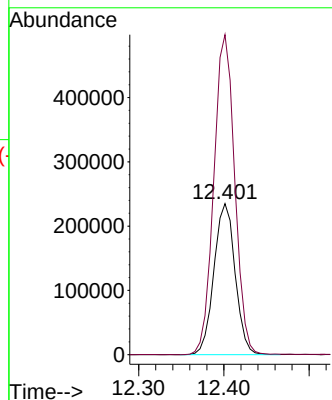
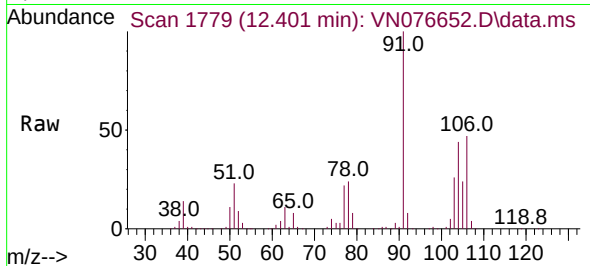
#69
o-Xylene
Concen: 52.561 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 40614
Ion Ratio Lower Upper
106 100
91 209.6 105.8 317.4

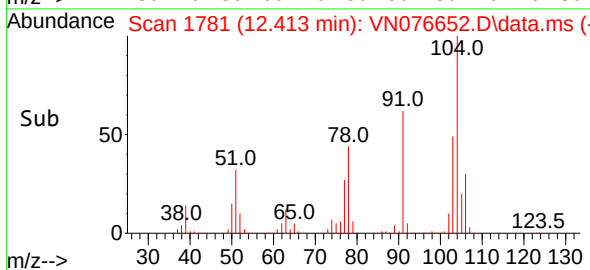
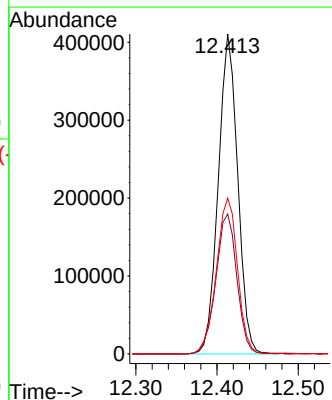
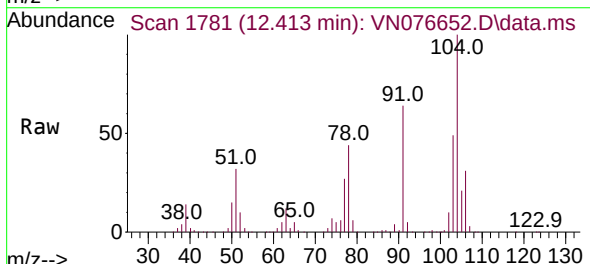
Manual Integrations
APPROVED

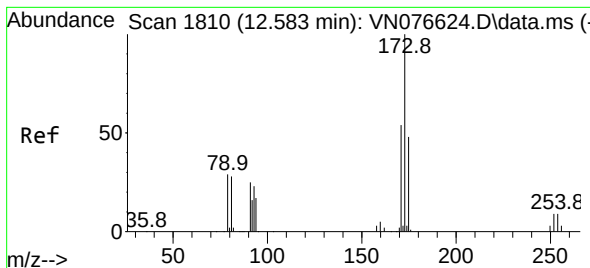
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#70
Styrene
Concen: 54.749 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion:104 Resp: 684103
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.4
103 52.9 44.2 66.4





#71

Bromoform

Concen: 51.902 ug/l

RT: 12.584 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 16683

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.7

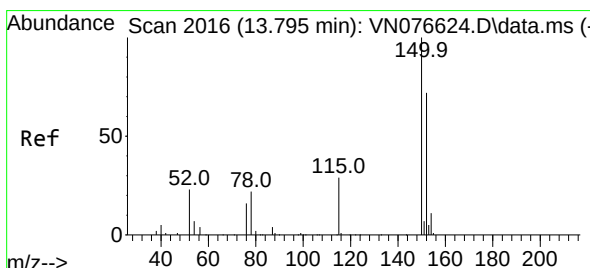
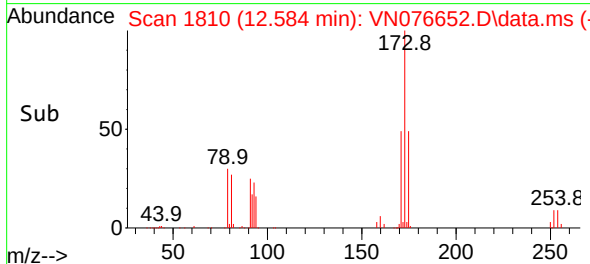
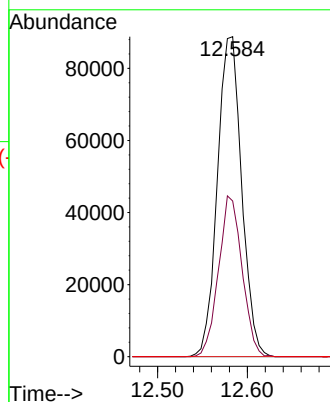
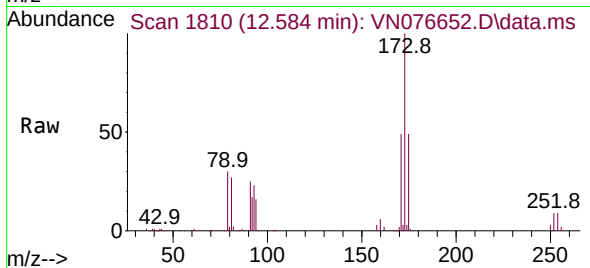
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076652.D

Acq: 14 Feb 2023 10:52

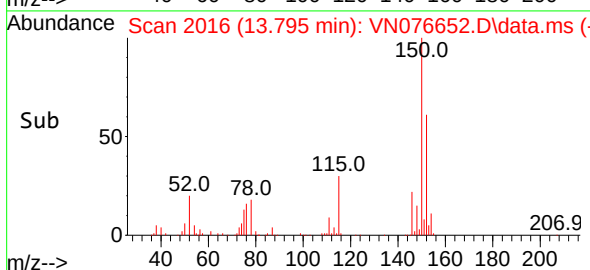
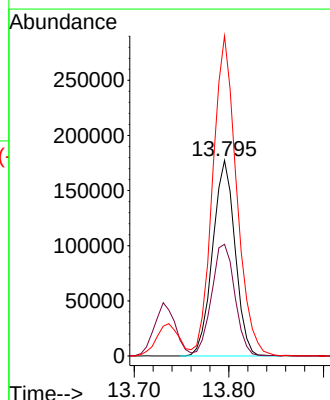
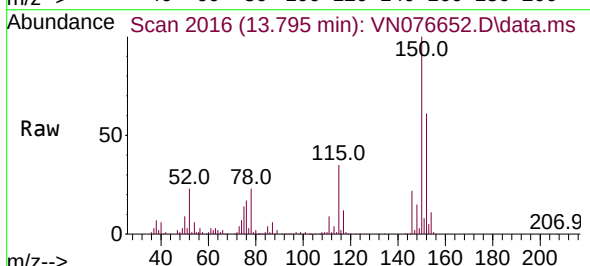
Tgt Ion:152 Resp: 290719

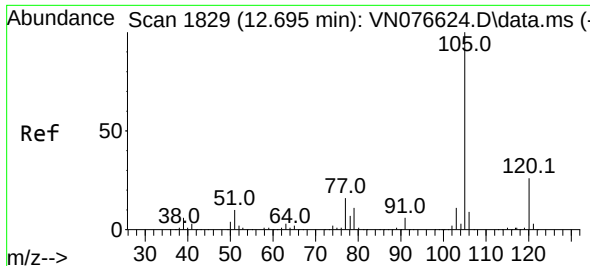
Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.9

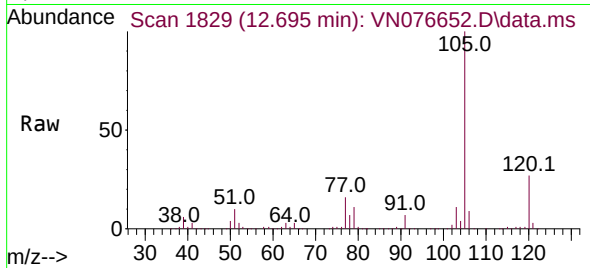
150 174.6 0.0 349.8





#73
Isopropylbenzene
Concen: 50.221 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

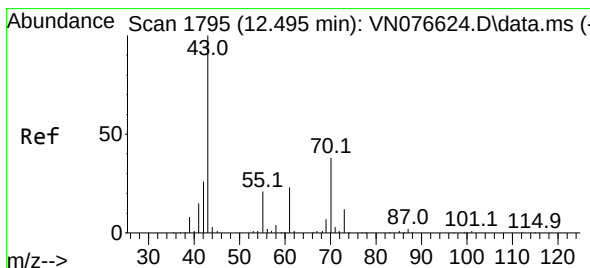
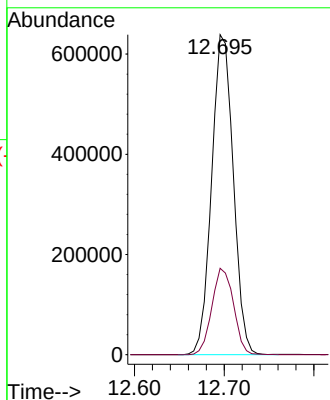
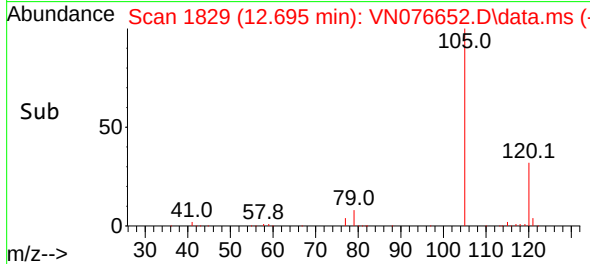
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



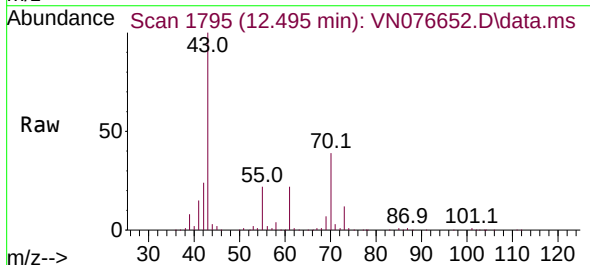
Tgt Ion:105 Resp: 1070130
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0

Manual Integrations
APPROVED

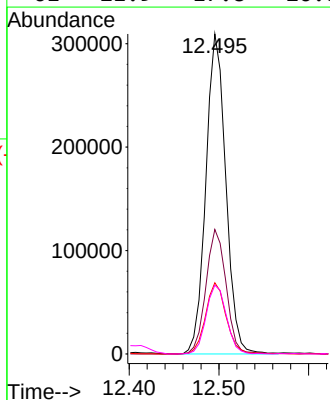
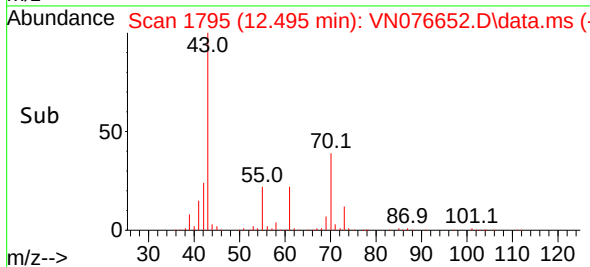
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

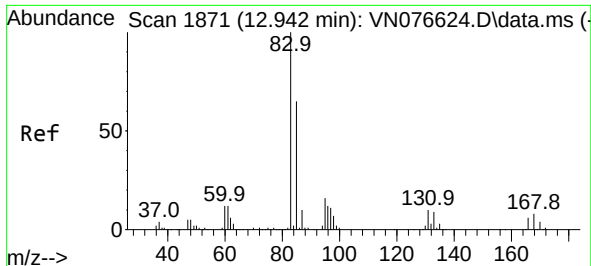


#74
N-ethyl acetate
Concen: 49.779 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



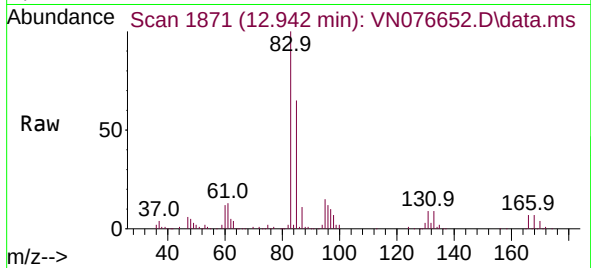
Tgt Ion: 43 Resp: 478110
Ion Ratio Lower Upper
43 100
70 39.5 30.5 45.7
55 23.1 17.8 26.8
61 21.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.025 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

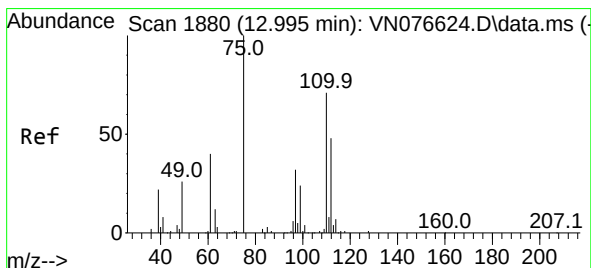
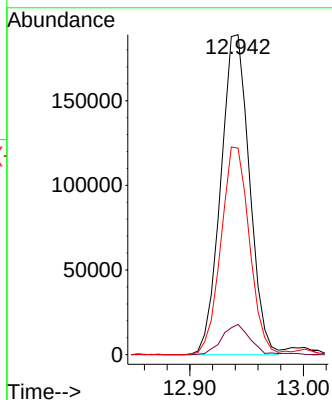
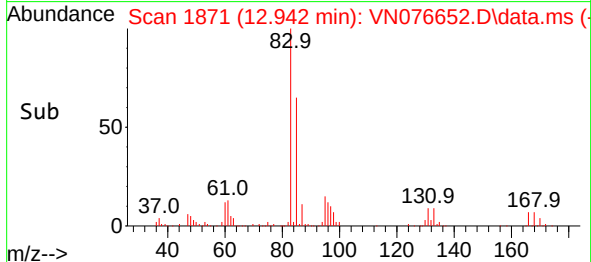
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



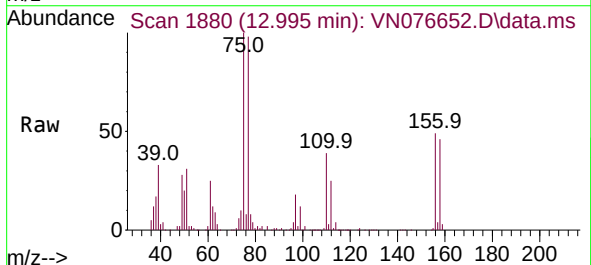
Tgt Ion: 83 Resp: 331860
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.8 31.8 95.3

Manual Integrations
APPROVED

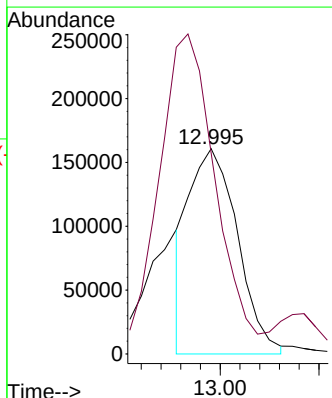
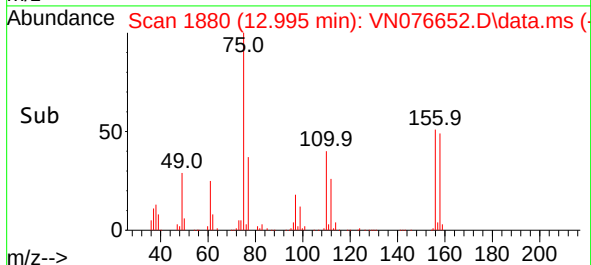
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

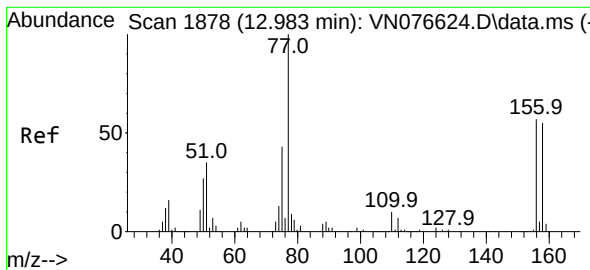


#76
1,2,3-Trichloropropane
Concen: 46.865 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



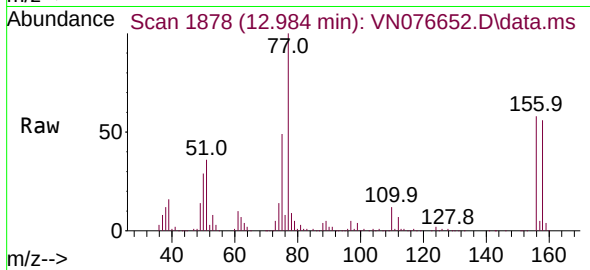
Tgt Ion: 75 Resp: 275448
Ion Ratio Lower Upper
75 100
77 181.8 93.1 279.3





#77
Bromobenzene
Concen: 46.756 ug/l
RT: 12.984 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

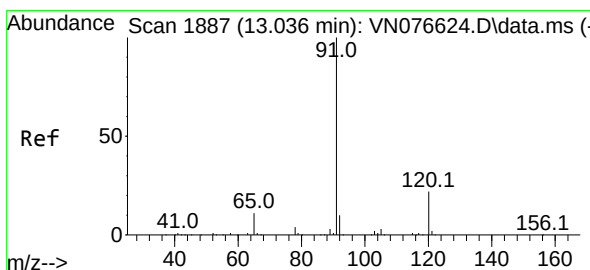
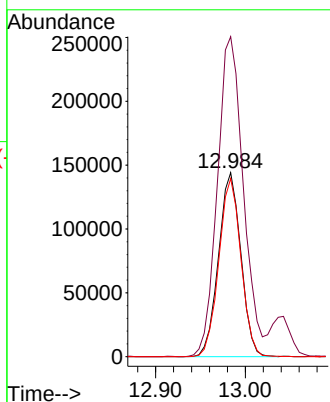
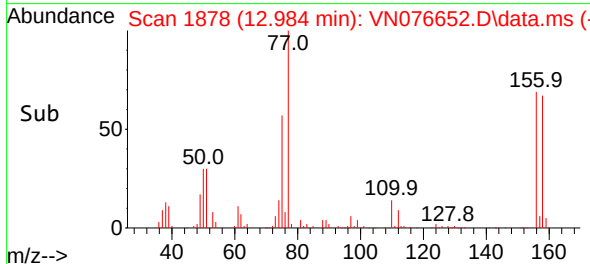
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 248579
Ion Ratio Lower Upper
156 100
77 201.4 102.8 308.4
158 96.0 48.9 146.6

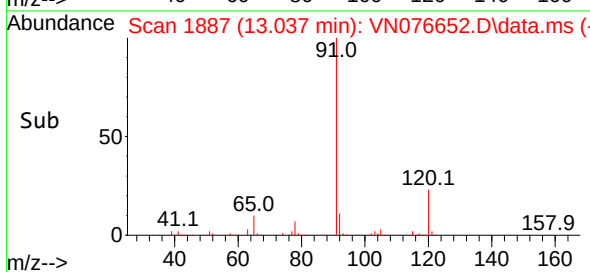
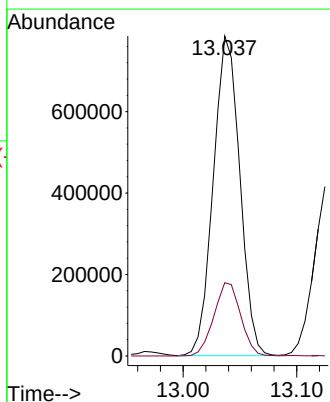
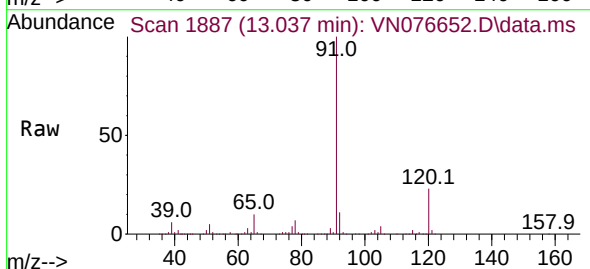
Manual Integrations
APPROVED

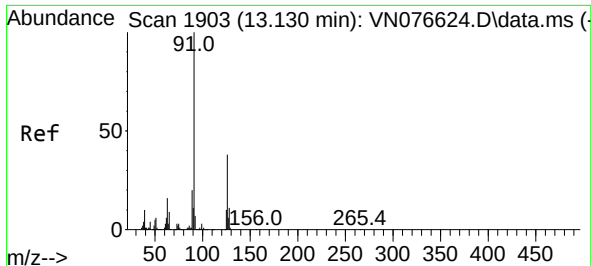
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#78
n-propylbenzene
Concen: 50.881 ug/l
RT: 13.037 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion: 91 Resp: 1273136
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





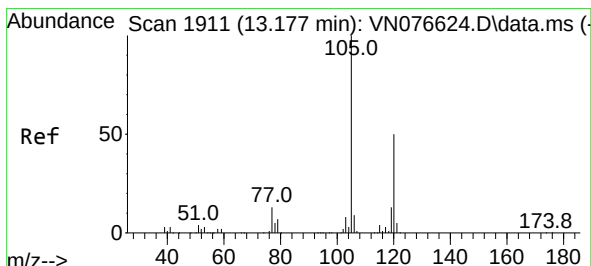
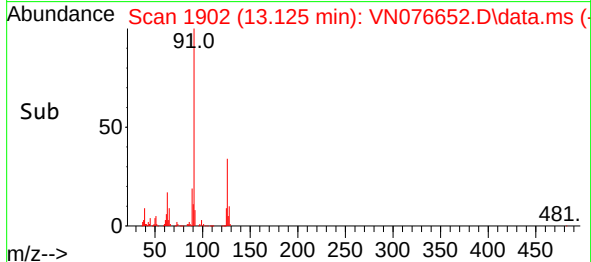
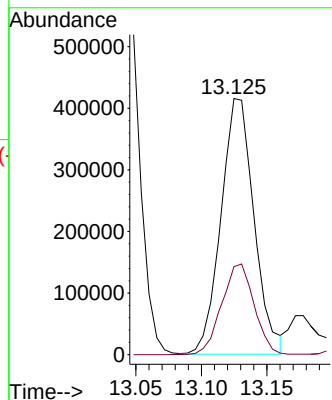
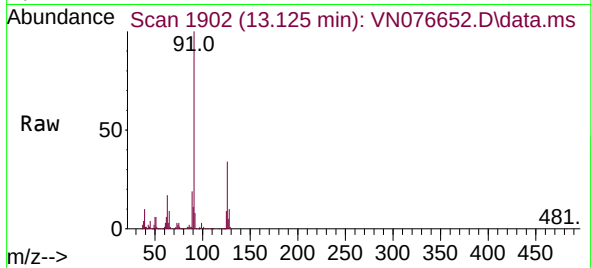
#79
2-Chlorotoluene
Concen: 47.568 ug/l
RT: 13.125 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 728780
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1

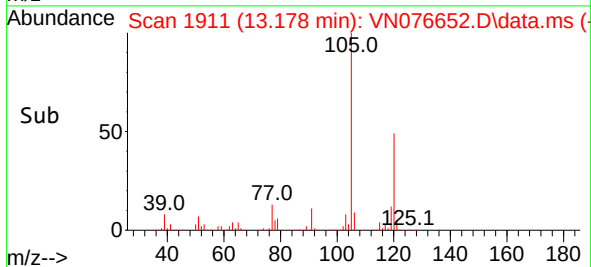
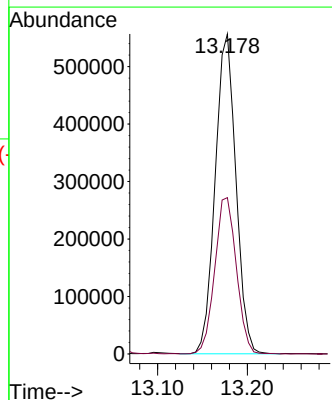
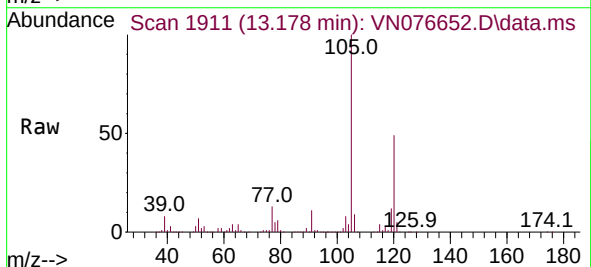
Manual Integrations
APPROVED

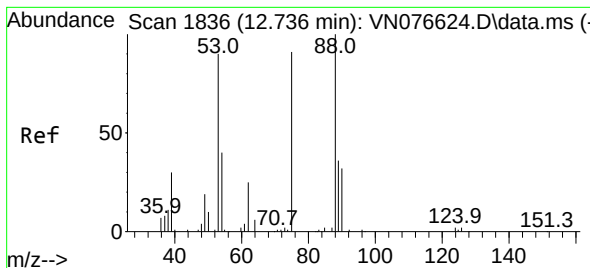
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.681 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

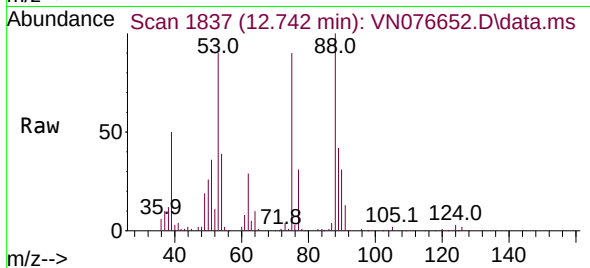
Tgt Ion:105 Resp: 892501
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 48.337 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

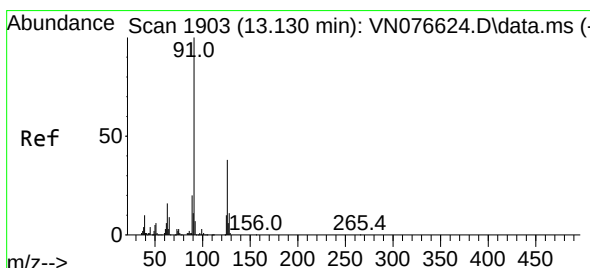
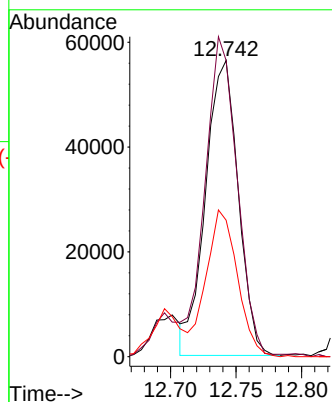
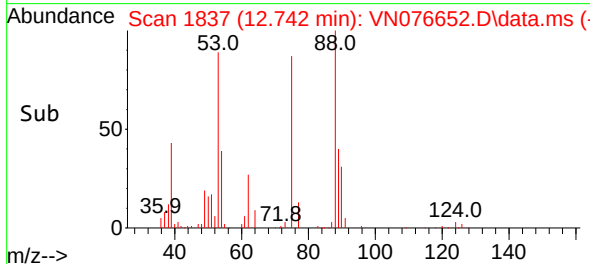
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 9754
Ion Ratio Lower Upper
75 100
53 105.6 92.1 138.1
89 47.6 37.5 56.3

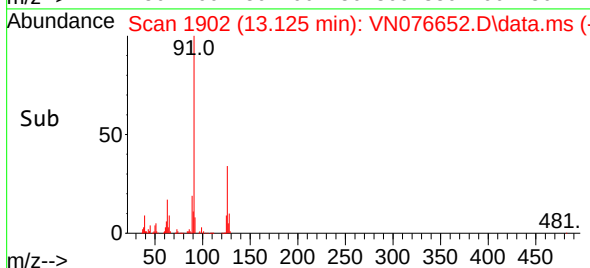
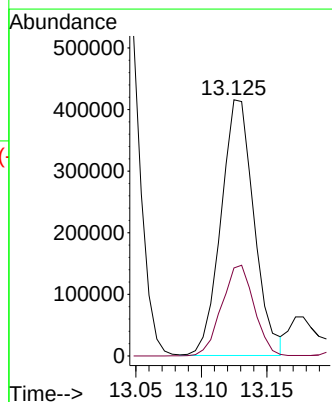
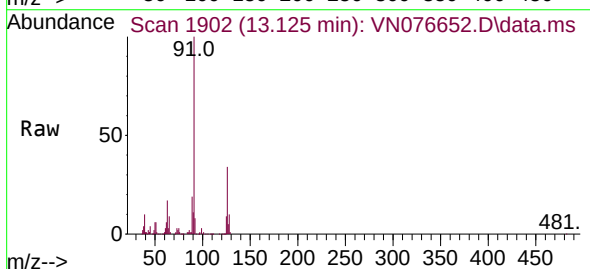
Manual Integrations
APPROVED

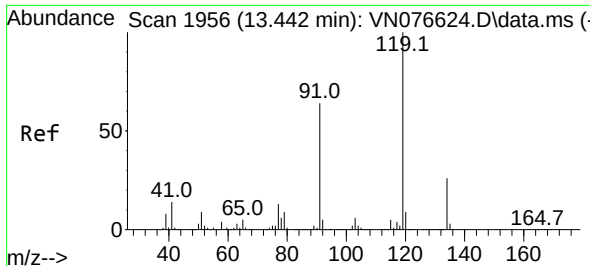
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#82
4-Chlorotoluene
Concen: 47.568 ug/l
RT: 13.125 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Tgt Ion: 91 Resp: 728780
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





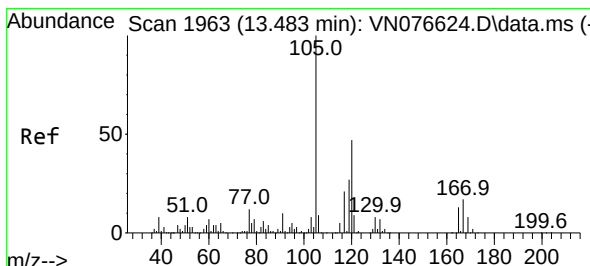
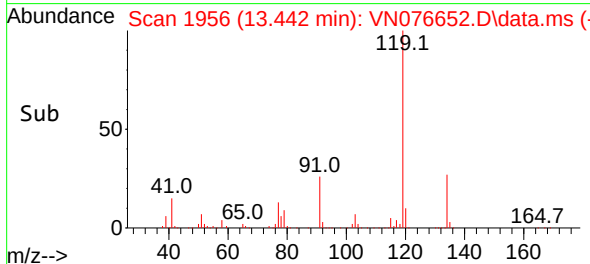
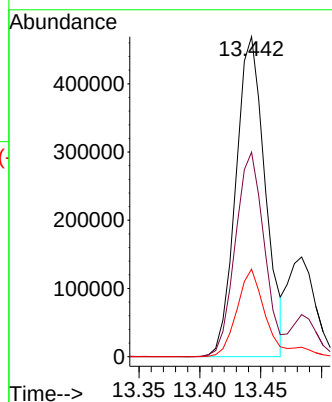
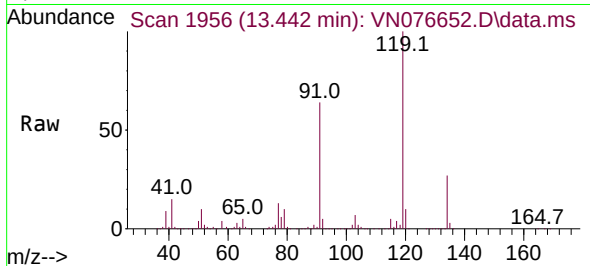
#83
tert-Butylbenzene
Concen: 49.392 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 78686
Ion Ratio Lower Upper
119 100
91 64.4 32.0 96.2
134 27.8 13.8 41.4

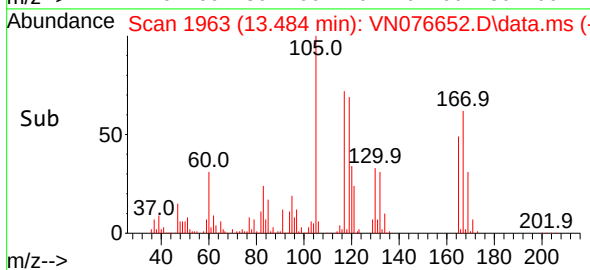
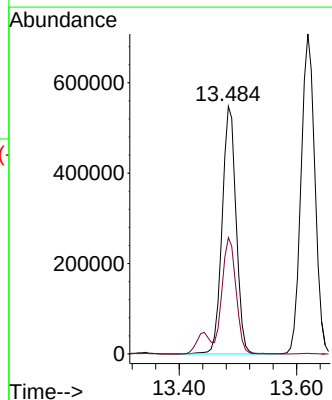
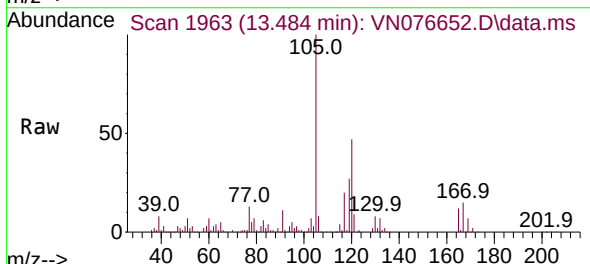
Manual Integrations
APPROVED

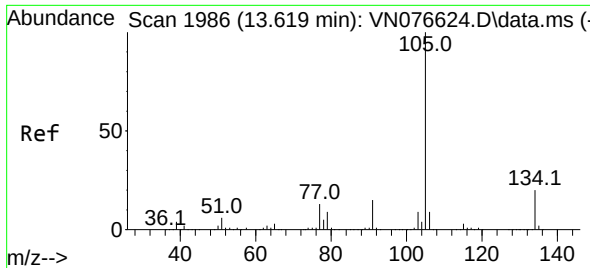
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.252 ug/l
RT: 13.484 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

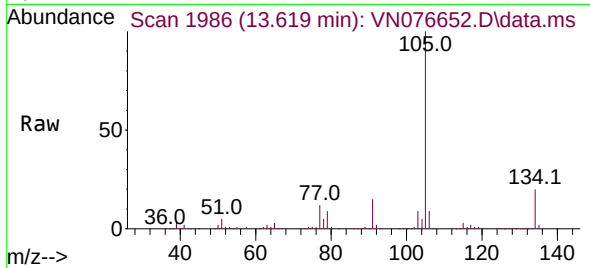
Tgt Ion:105 Resp: 899503
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 51.912 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52

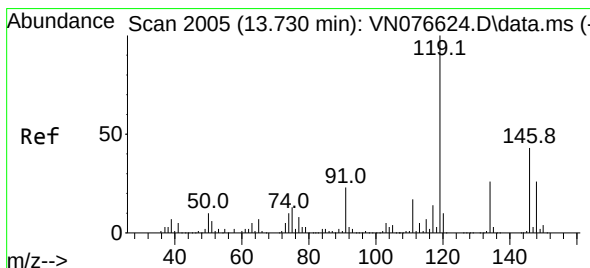
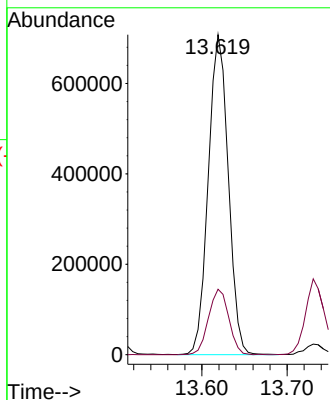
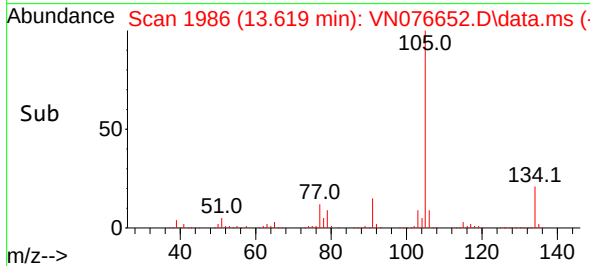
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



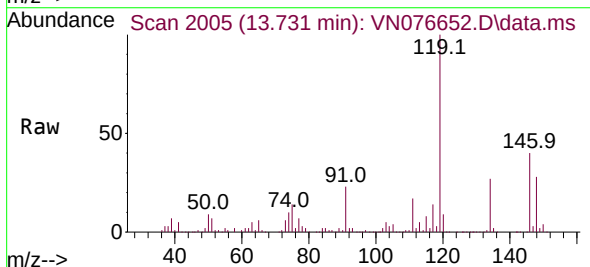
Tgt Ion:105 Resp: 1154629
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

Manual Integrations
 APPROVED

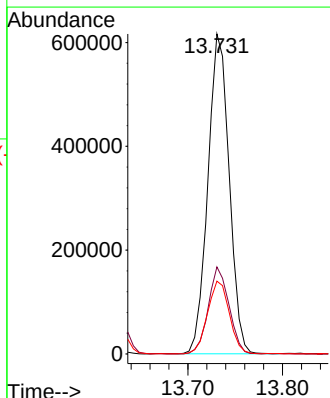
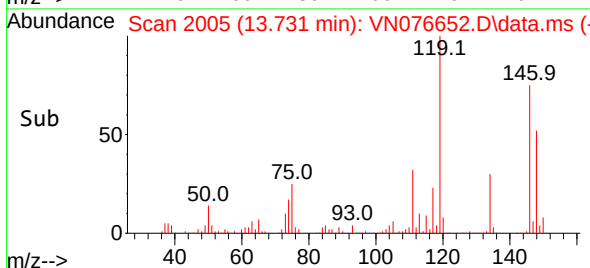
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/15/2023

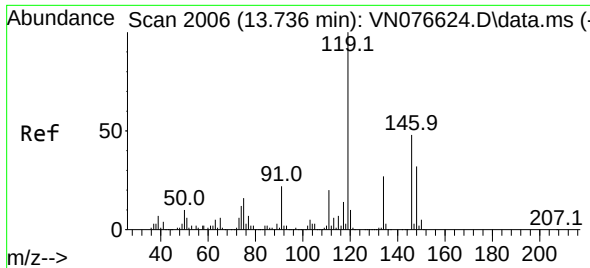


#86
 p-Isopropyltoluene
 Concen: 54.080 ug/l
 RT: 13.731 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076652.D
 Acq: 14 Feb 2023 10:52



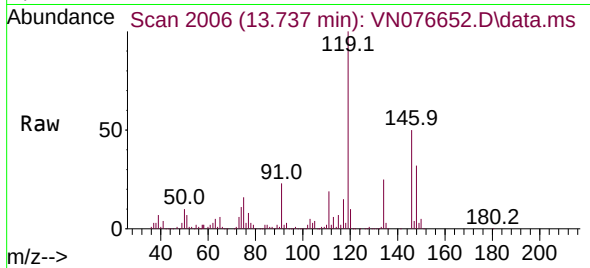
Tgt Ion:119 Resp: 960515
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.3 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 47.390 ug/l
RT: 13.737 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

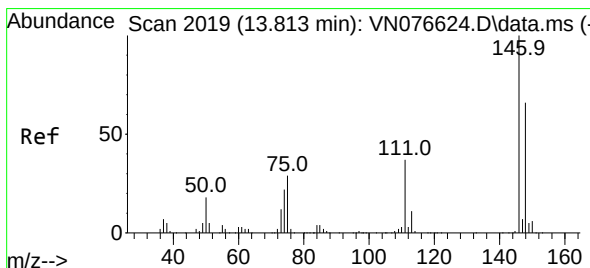
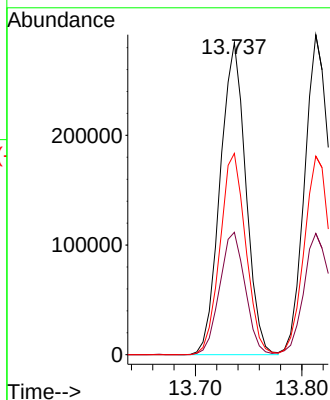
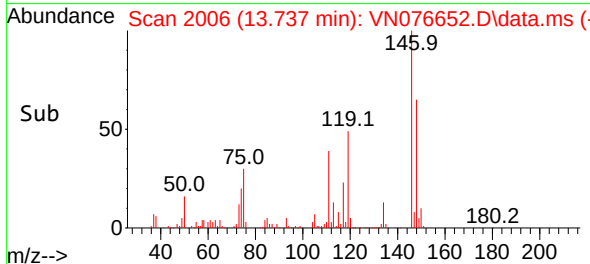
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



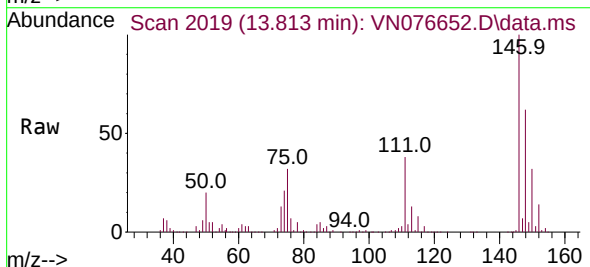
Tgt Ion:146 Resp: 476252
Ion Ratio Lower Upper
146 100
111 39.0 19.8 59.4
148 64.5 32.0 96.2

Manual Integrations
APPROVED

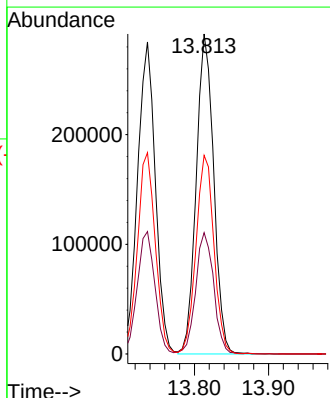
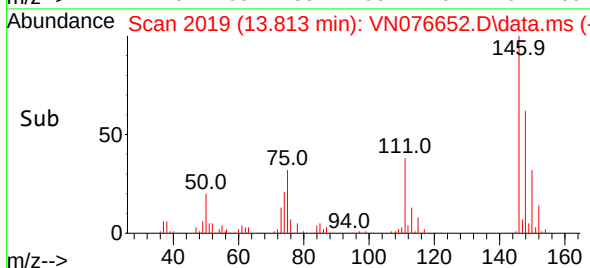
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

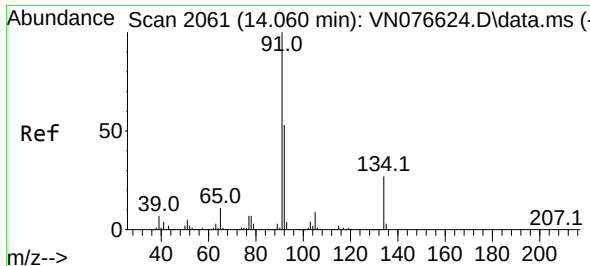


#88
1,4-Dichlorobenzene
Concen: 47.734 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



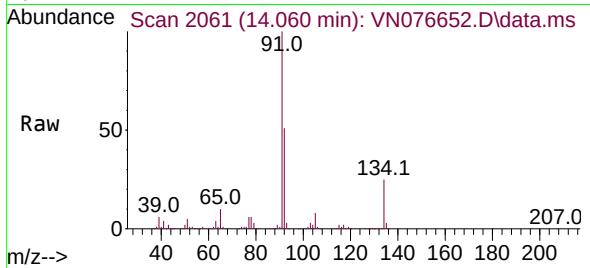
Tgt Ion:146 Resp: 477707
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.1
148 63.5 32.7 98.1





#89
n-Butylbenzene
Concen: 55.748 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

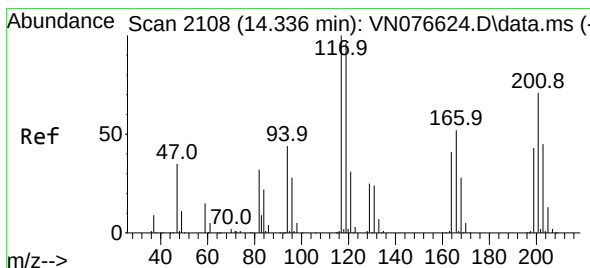
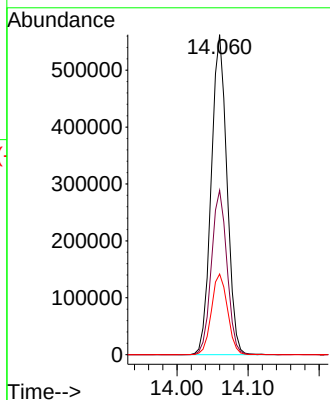
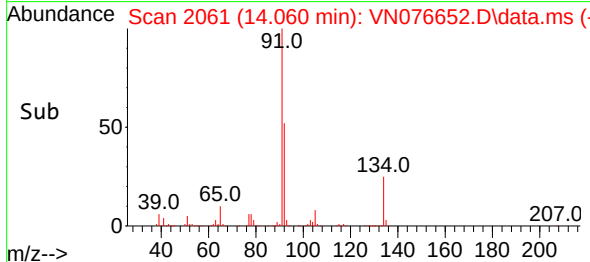
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 861172
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.9 13.2 39.5

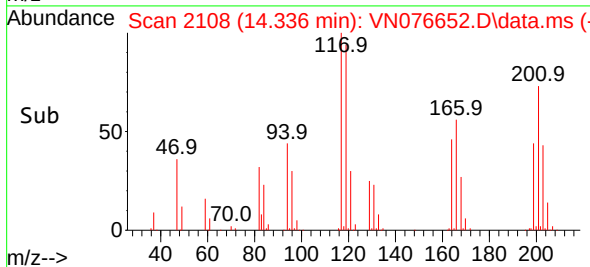
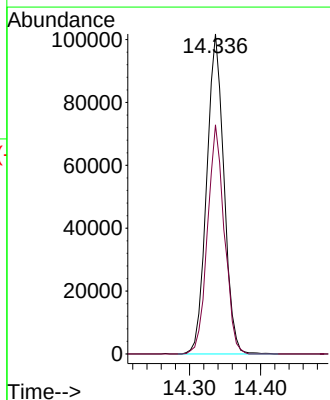
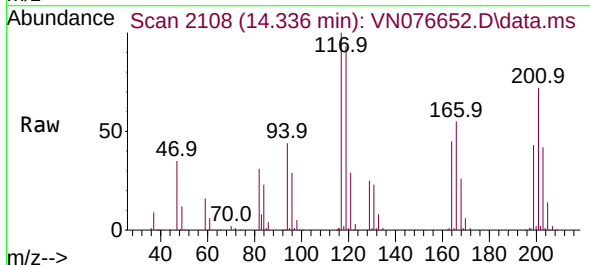
Manual Integrations
APPROVED

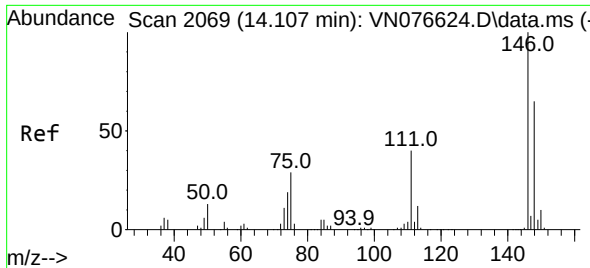
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#90
Hexachloroethane
Concen: 46.216 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

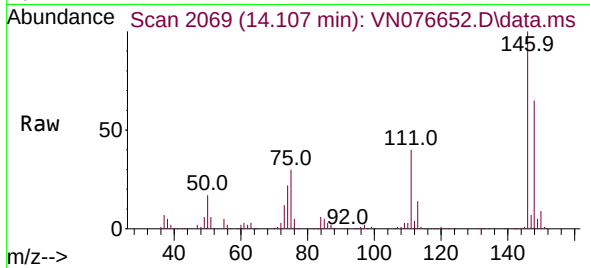
Tgt Ion:117 Resp: 171868
Ion Ratio Lower Upper
117 100
201 69.9 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 46.798 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

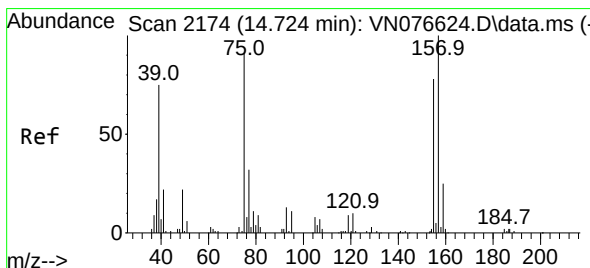
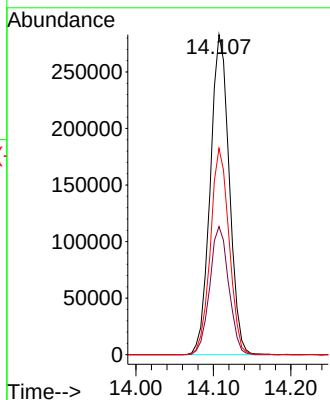
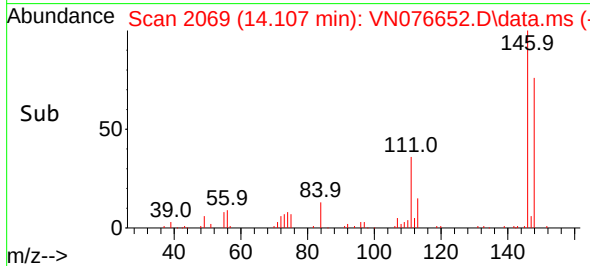
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



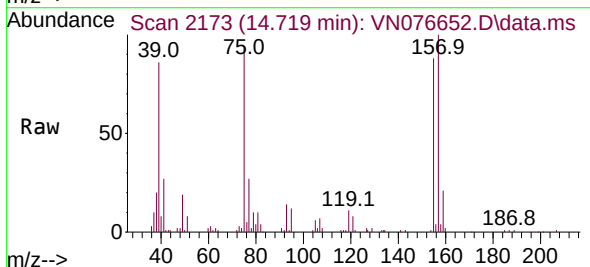
Tgt Ion:146 Resp: 48215
Ion Ratio Lower Upper
146 100
111 40.1 20.0 59.9
148 63.5 32.4 97.2

Manual Integrations
APPROVED

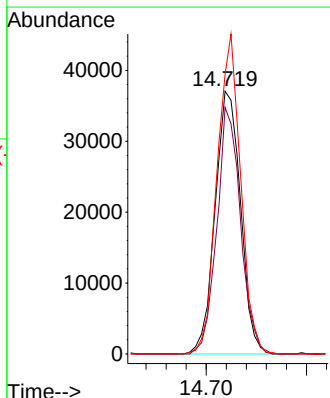
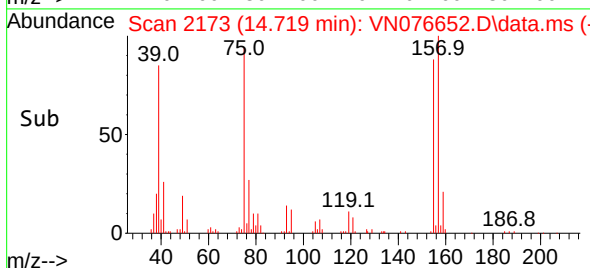
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

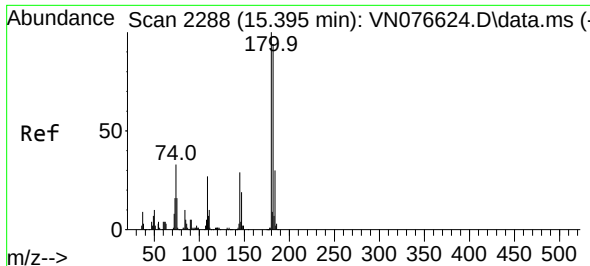


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.592 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



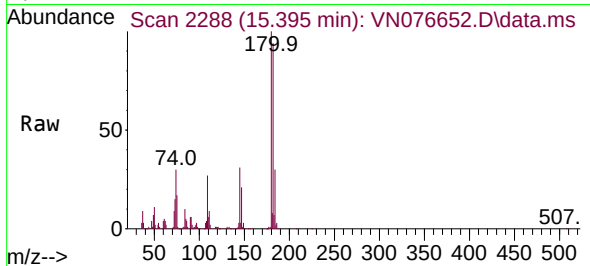
Tgt Ion: 75 Resp: 65142
Ion Ratio Lower Upper
75 100
155 87.1 43.4 130.2
157 112.7 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 56.137 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

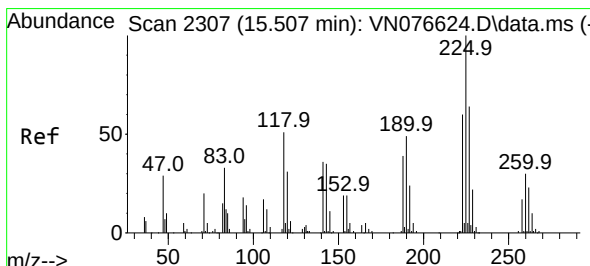
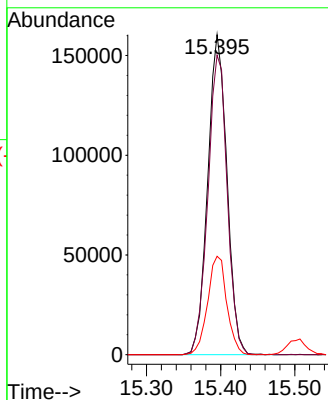
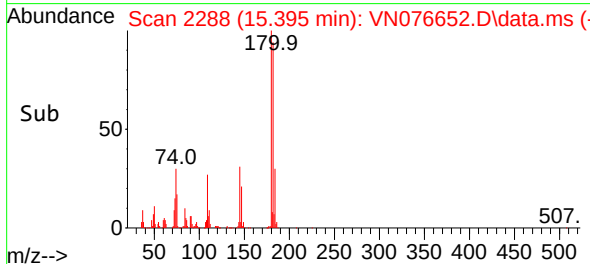
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



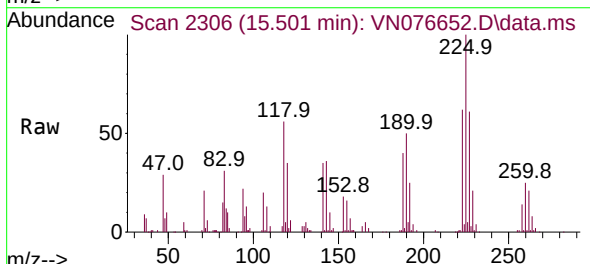
Tgt Ion:180 Resp: 28850
Ion Ratio Lower Upper
180 100
182 94.5 48.0 144.0
145 30.8 15.2 45.6

Manual Integrations
APPROVED

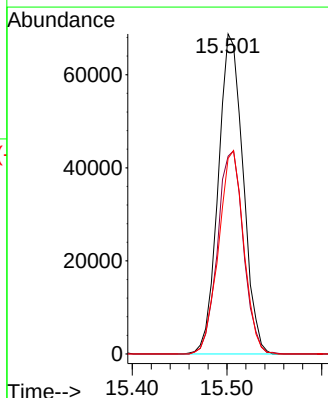
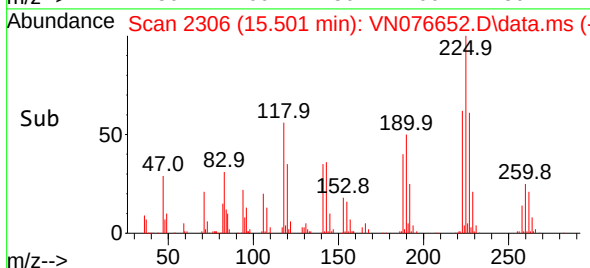
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023

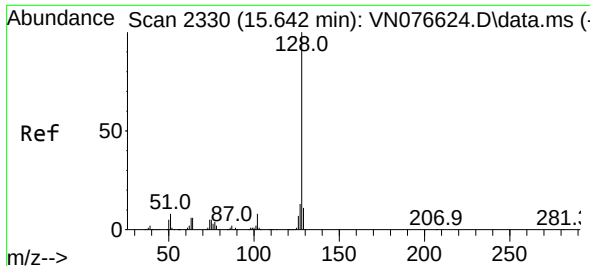


#94
Hexachlorobutadiene
Concen: 49.806 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



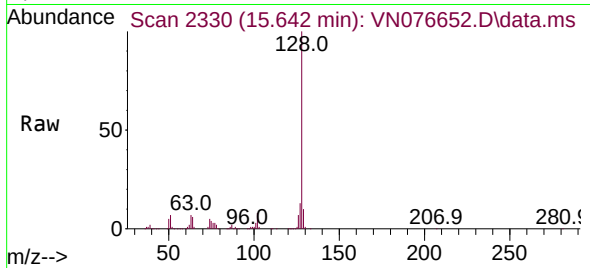
Tgt Ion:225 Resp: 125454
Ion Ratio Lower Upper
225 100
223 65.8 31.6 95.0
227 64.1 31.3 93.9





#95
Naphthalene
Concen: 59.288 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52

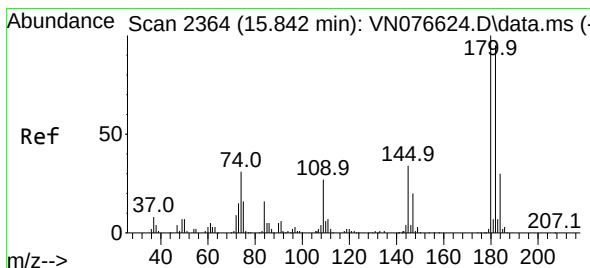
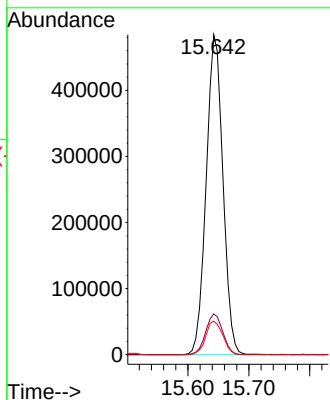
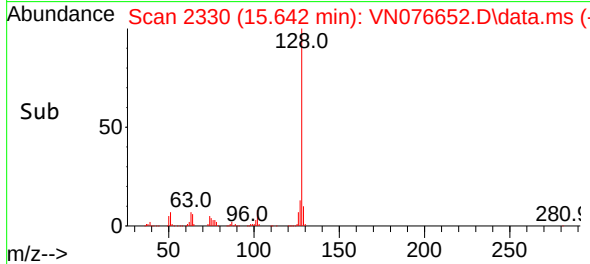
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



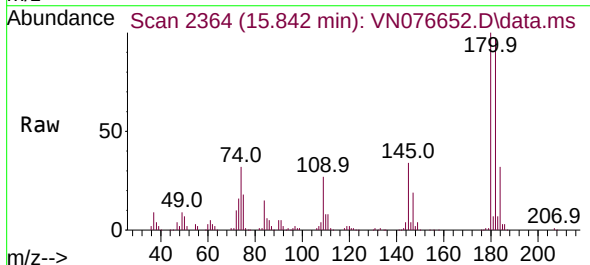
Tgt Ion:128 Resp: 92462
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 57.364 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN076652.D
Acq: 14 Feb 2023 10:52



Tgt Ion:180 Resp: 285618
Ion Ratio Lower Upper
180 100
182 93.5 46.7 140.1
145 32.0 16.0 47.9

