

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076814.D
 Acq On : 27 Feb 2023 09:42
 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 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:49:23 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	289096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	505554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	489734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	264135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	213923	53.588	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.180%			
35) Dibromofluoromethane	8.172	113	166847	50.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.800%			
50) Toluene-d8	10.566	98	678476	54.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.740%			
62) 4-Bromofluorobenzene	12.848	95	245876	60.042	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	125503	40.884	ug/l	100
3) Chloromethane	2.378	50	162038	40.459	ug/l	99
4) Vinyl Chloride	2.531	62	169850	43.091	ug/l	98
5) Bromomethane	2.954	94	105117	44.013	ug/l	99
6) Chloroethane	3.125	64	123968	49.766	ug/l	95
7) Trichlorofluoromethane	3.507	101	230460	42.972	ug/l	93
8) Diethyl Ether	3.978	74	96705	46.795	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	146252	46.411	ug/l	97
10) Methyl Iodide	4.596	142	187529	48.189	ug/l	99
11) Tert butyl alcohol	5.531	59	123951	235.232	ug/l	99
12) 1,1-Dichloroethene	4.354	96	128424	43.038	ug/l	92
13) Acrolein	4.190	56	147812	186.847	ug/l	97
14) Allyl chloride	5.037	41	243922	47.177	ug/l	98
15) Acrylonitrile	5.725	53	445273	238.109	ug/l	98
16) Acetone	4.437	43	474008	265.822	ug/l	98
17) Carbon Disulfide	4.719	76	315622	40.061	ug/l	99
18) Methyl Acetate	5.037	43	280083	48.120	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	512164	50.909	ug/l	97
20) Methylene Chloride	5.284	84	163784	43.825	ug/l	98
21) trans-1,2-Dichloroethene	5.795	96	147742	43.984	ug/l	88
22) Diisopropyl ether	6.678	45	655643	54.065	ug/l	97
23) Vinyl Acetate	6.613	43	2073330	288.961	ug/l	96
24) 1,1-Dichloroethane	6.578	63	321145	48.320	ug/l	98
25) 2-Butanone	7.484	43	665149	252.878	ug/l	99
26) 2,2-Dichloropropane	7.495	77	249033	51.948	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	189786	47.637	ug/l	95
28) Bromochloromethane	7.819	49	179867	56.862	ug/l	90
29) Tetrahydrofuran	7.842	42	433268	252.117	ug/l	99
30) Chloroform	7.972	83	330007	49.696	ug/l	100
31) Cyclohexane	8.260	56	288391	46.054	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	276094	49.450	ug/l	96
36) 1,1-Dichloropropene	8.372	75	238912	49.945	ug/l	97
37) Ethyl Acetate	7.566	43	264683	52.590	ug/l	98
38) Carbon Tetrachloride	8.366	117	236333	48.975	ug/l	98
39) Methylcyclohexane	9.601	83	282656	51.984	ug/l	92
40) Benzene	8.613	78	748806	50.974	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	145932	50.051	ug/l	95
42) 1,2-Dichloroethane	8.672	62	263868	51.503	ug/l	99
43) Isopropyl Acetate	8.689	43	440838	53.828	ug/l	99
44) Trichloroethene	9.354	130	167777	48.332	ug/l	86
45) 1,2-Dichloropropane	9.625	63	202036	51.955	ug/l	98
46) Dibromomethane	9.713	93	130807	52.616	ug/l	94
47) Bromodichloromethane	9.889	83	270528	54.276	ug/l #	94
48) Methyl methacrylate	9.683	41	213427	54.919	ug/l	96
49) 1,4-Dioxane	9.695	88	67458	1003.476	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1409705	270.541	ug/l	99
52) Toluene	10.630	92	486408	54.844	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	284924	59.226	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	309232	55.726	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	193580	53.677	ug/l	97
56) Ethyl methacrylate	10.877	69	288940	56.920	ug/l	94
57) 1,3-Dichloropropane	11.166	76	335820	54.201	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.160	63	622330	267.691	ug/l	98
59) 2-Hexanone	11.195	43	1057120	281.368	ug/l	99
60) Dibromochloromethane	11.360	129	209101	55.014	ug/l	99
61) 1,2-Dibromoethane	11.472	107	190011	52.638	ug/l	97
64) Tetrachloroethene	11.101	164	143004	46.336	ug/l	95
65) Chlorobenzene	11.895	112	510927	49.228	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	194451	51.580	ug/l	99
67) Ethyl Benzene	11.966	91	950138	53.735	ug/l	99
68) m/p-Xylenes	12.072	106	741318	108.767	ug/l	95
69) o-Xylene	12.401	106	367448	55.279	ug/l	97
70) Styrene	12.413	104	624471	58.096	ug/l	99
71) Bromoform	12.577	173	147104	53.197	ug/l #	98
73) Isopropylbenzene	12.701	105	967809	49.990	ug/l	99
74) N-amyl acetate	12.495	43	404947	46.405	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	307774	43.918	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	207247m	38.810	ug/l	
77) Bromobenzene	12.983	156	219522	45.447	ug/l	97
78) n-propylbenzene	13.036	91	1193071	52.480	ug/l	99
79) 2-Chlorotoluene	13.124	91	682169	49.007	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	824364	51.523	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	93136	50.798	ug/l	95
82) 4-Chlorotoluene	13.124	91	682169	49.007	ug/l	98
83) tert-Butylbenzene	13.442	119	734194	50.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	846657	53.096	ug/l	99
85) sec-Butylbenzene	13.618	105	1084625	53.673	ug/l	97
86) p-Isopropyltoluene	13.730	119	899460	55.740	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	452002	49.503	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	445332	48.977	ug/l	99
89) n-Butylbenzene	14.060	91	784654	55.907	ug/l	99
90) Hexachloroethane	14.336	117	166734	49.348	ug/l	92
91) 1,2-Dichlorobenzene	14.107	146	446652	47.716	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	55743	41.057	ug/l	93
93) 1,2,4-Trichlorobenzene	15.395	180	226028	48.407	ug/l	99
94) Hexachlorobutadiene	15.501	225	105661	46.170	ug/l	96
95) Naphthalene	15.642	128	686109	48.422	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	216904	47.948	ug/l	97

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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

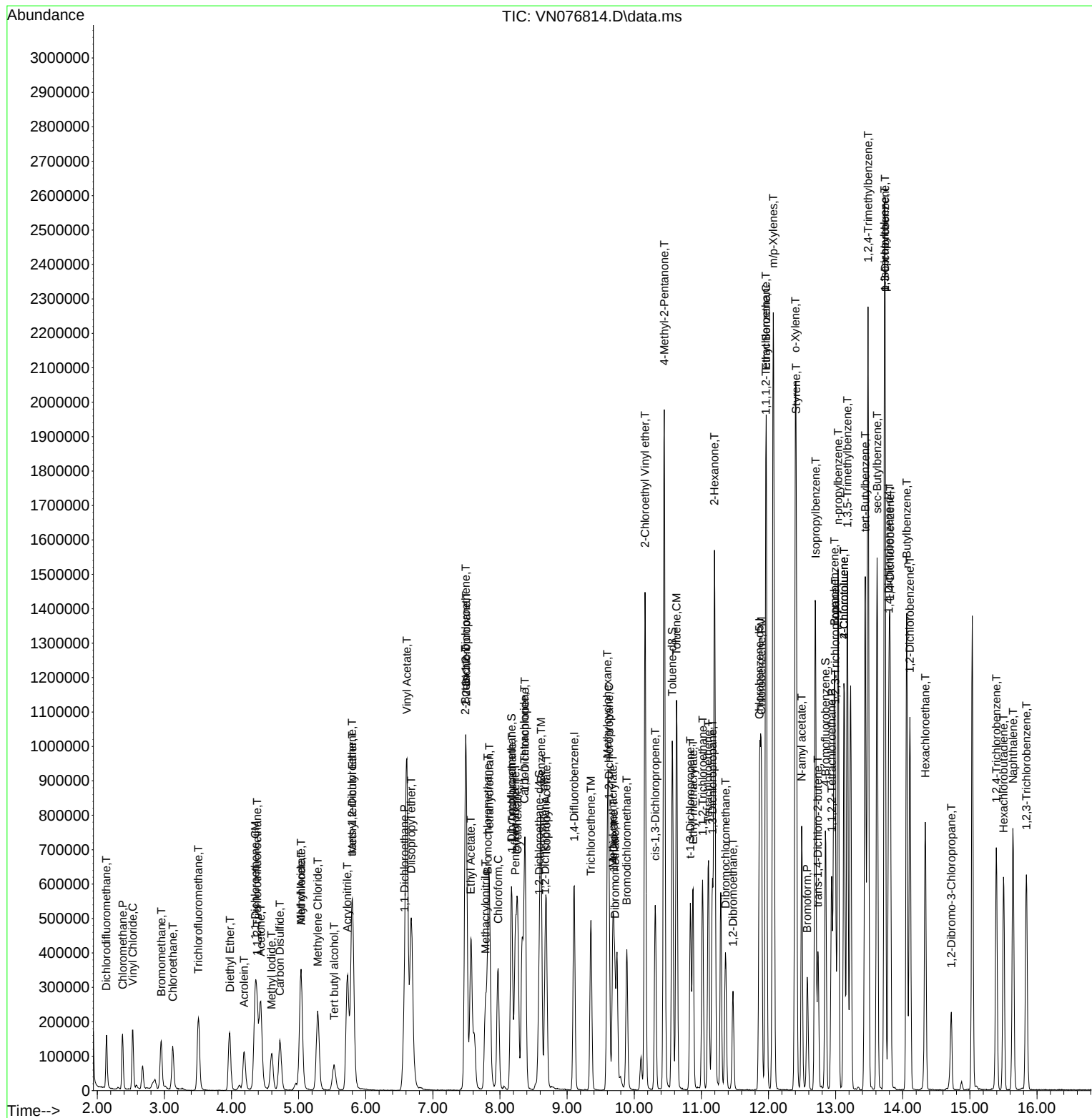
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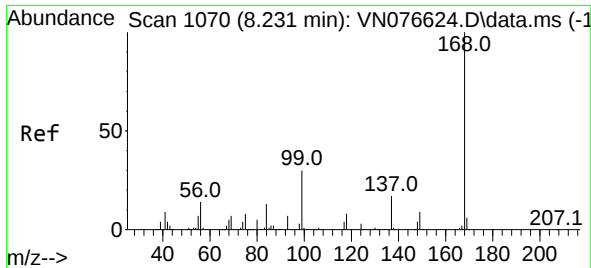
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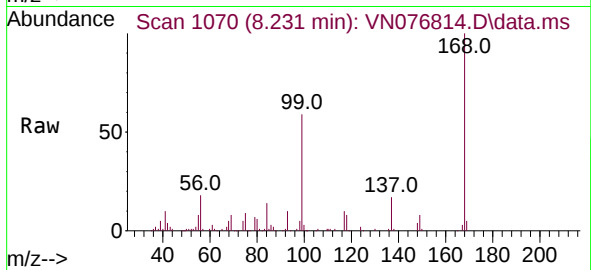
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076814.D
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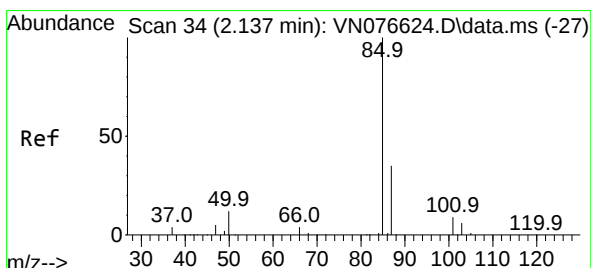
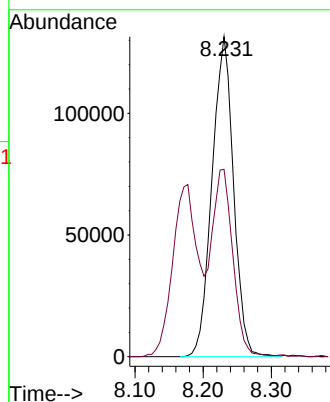
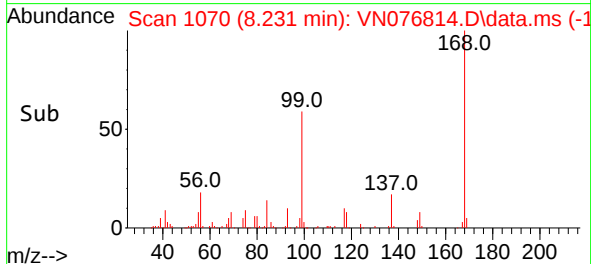
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Tgt Ion:168 Resp: 289090
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2

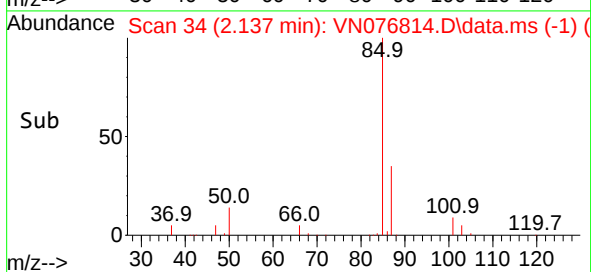
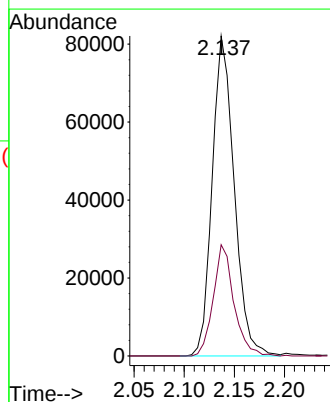
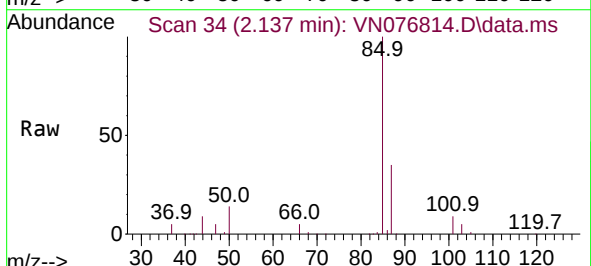
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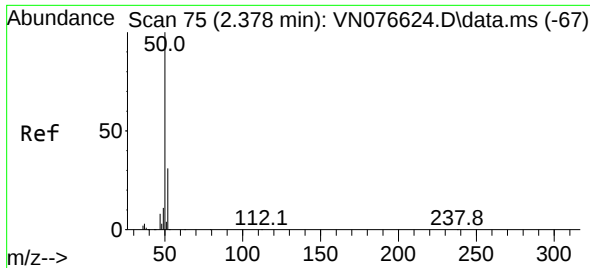
Reviewed By :John Carlone 02/28/2023
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#2
Dichlorodifluoromethane
Concen: 40.884 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

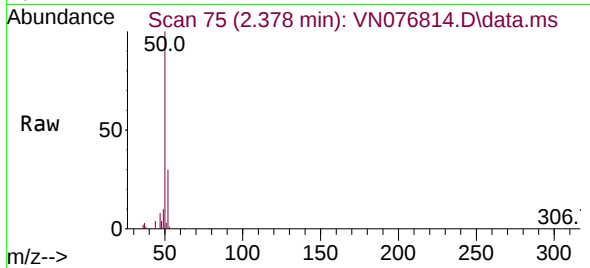
Tgt Ion: 85 Resp: 125503
Ion Ratio Lower Upper
85 100
87 34.7 17.4 52.2





#3
Chloromethane
Concen: 40.459 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

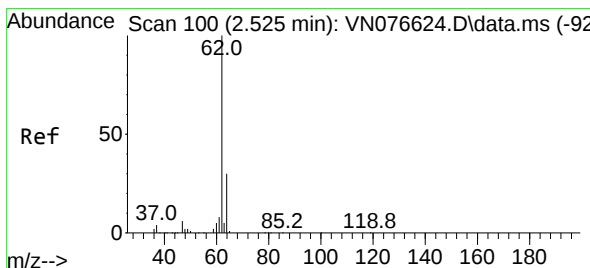
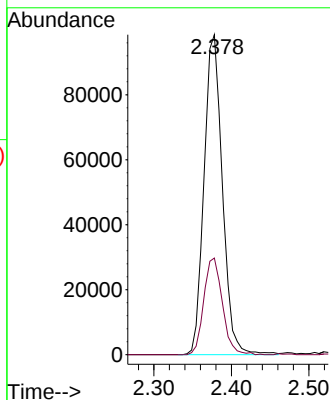
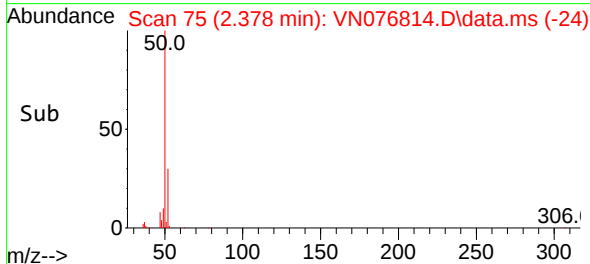
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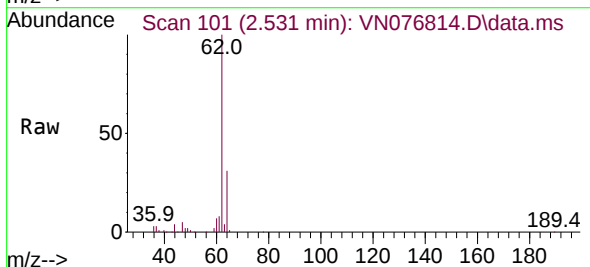
Tgt Ion: 50 Resp: 162038
Ion Ratio Lower Upper
50 100
52 30.2 24.7 37.1

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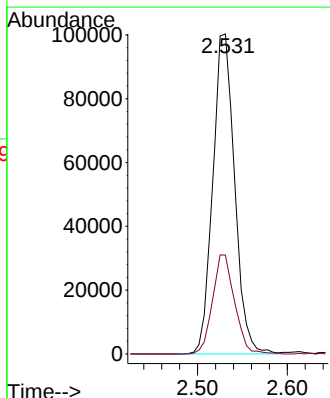
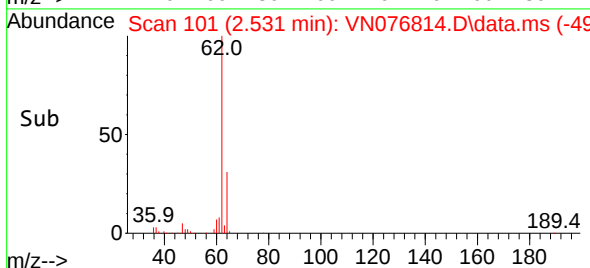
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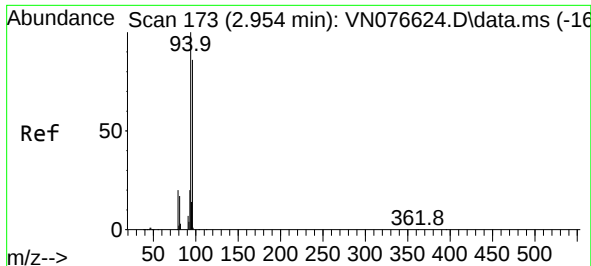


#4
Vinyl Chloride
Concen: 43.091 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



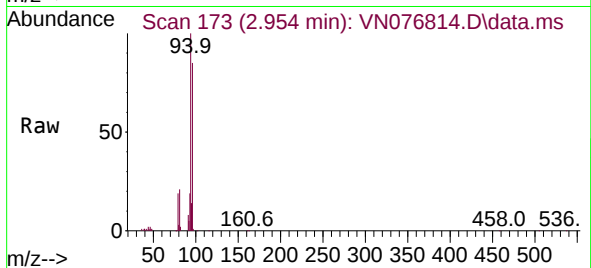
Tgt Ion: 62 Resp: 169850
Ion Ratio Lower Upper
62 100
64 30.9 23.9 35.9





#5
Bromomethane
Concen: 44.013 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

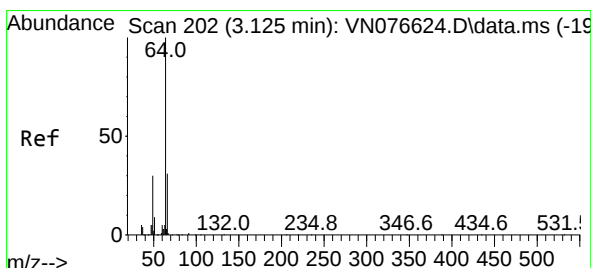
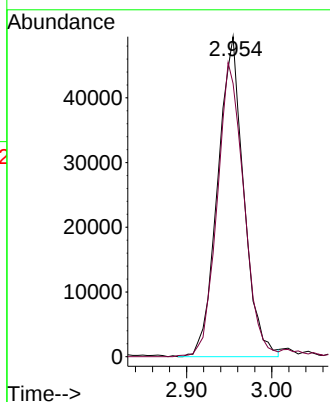
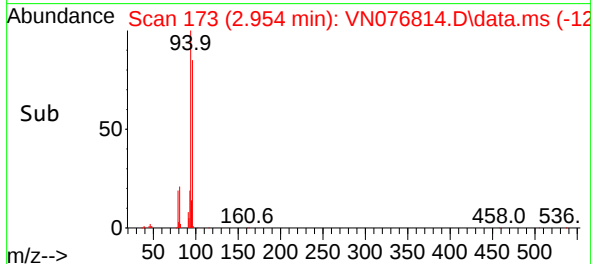
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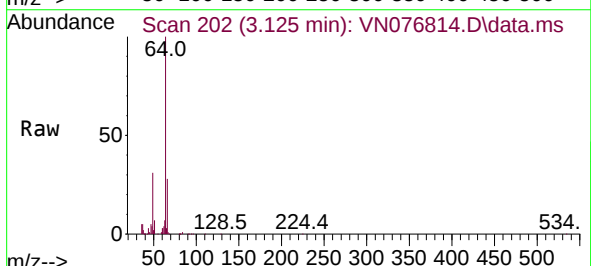
Tgt Ion: 94 Resp: 105117
Ion Ratio Lower Upper
94 100
96 85.0 69.0 103.4

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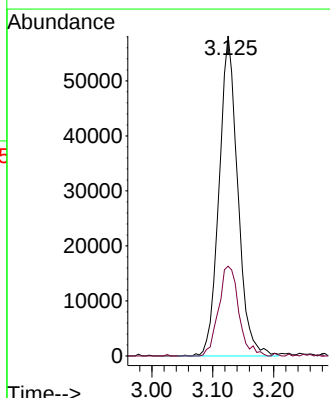
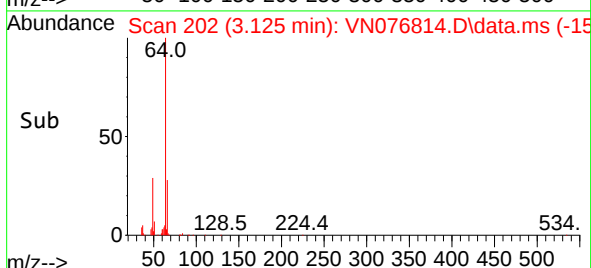
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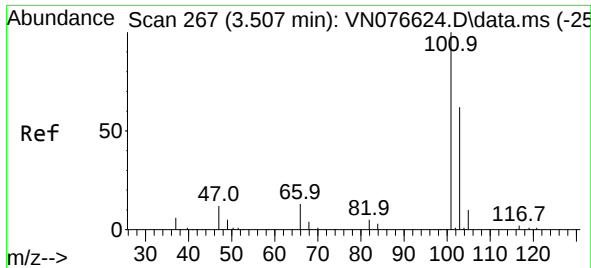


#6
Chloroethane
Concen: 49.766 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



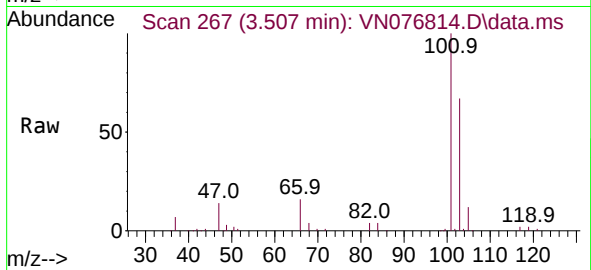
Tgt Ion: 64 Resp: 123968
Ion Ratio Lower Upper
64 100
66 28.1 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 42.972 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42

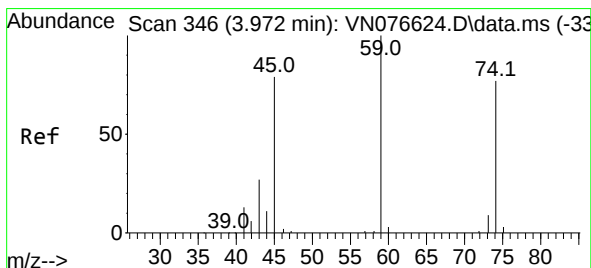
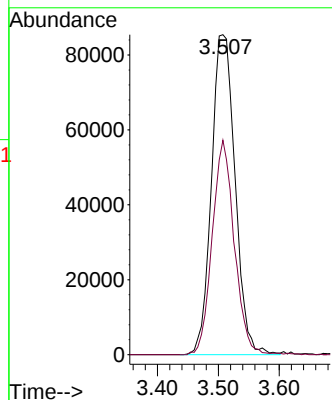
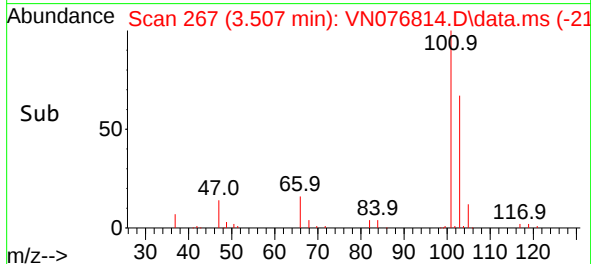
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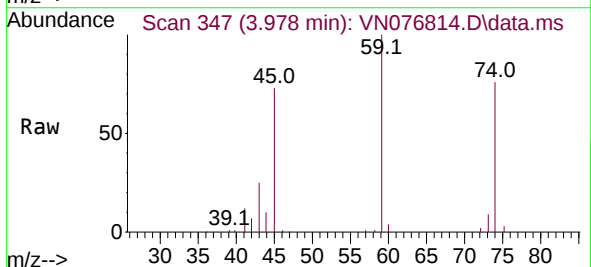
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 Ion Ratio Lower Upper
 101 100
 103 67.0 49.4 74.2

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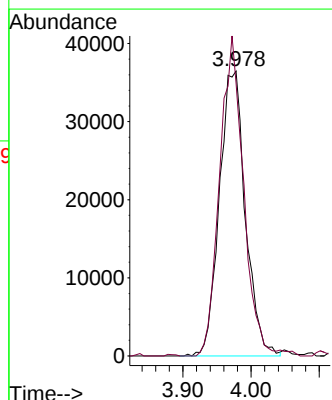
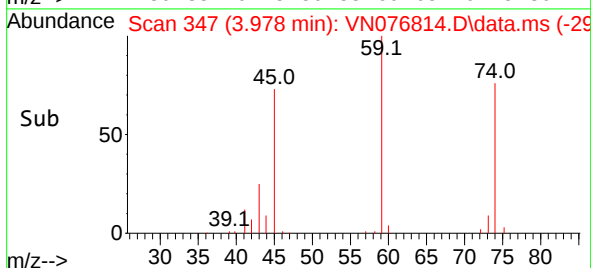
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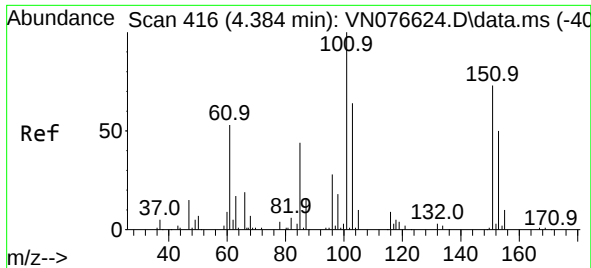


#8
 Diethyl Ether
 Concen: 46.795 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42



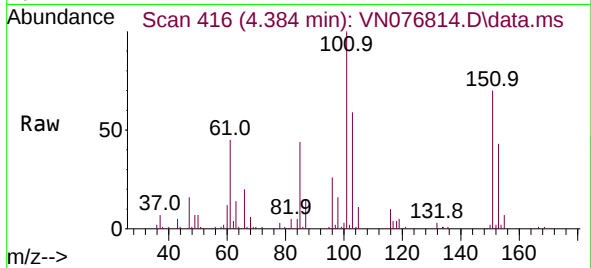
Tgt Ion: 74 Resp: 96705
 Ion Ratio Lower Upper
 74 100
 45 103.6 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.411 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

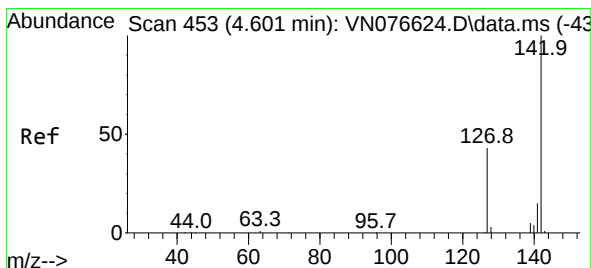
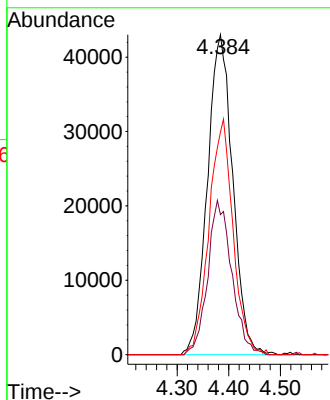
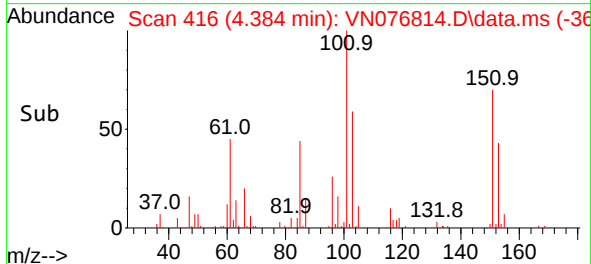
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



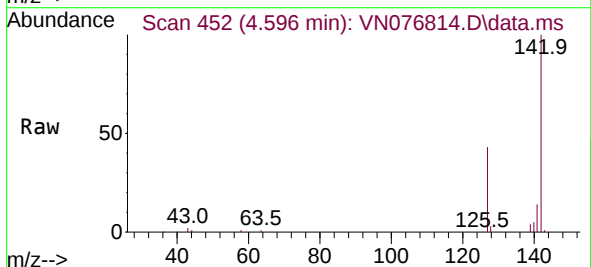
Tgt Ion:101 Resp: 146252
Ion Ratio Lower Upper
101 100
85 45.8 37.4 56.0
151 70.1 58.7 88.1

Manual Integrations
APPROVED

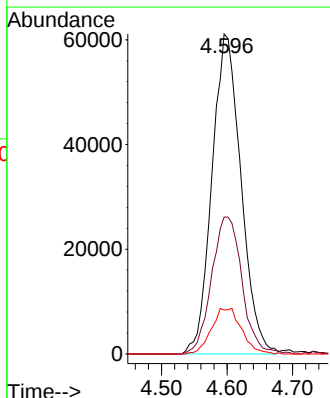
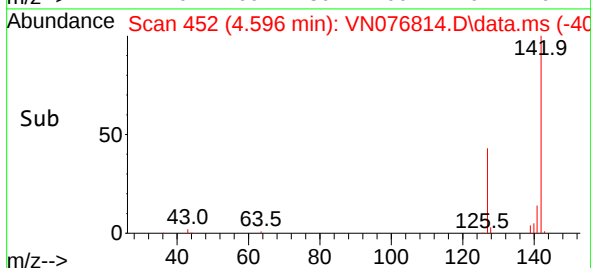
Reviewed By :John Carbone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

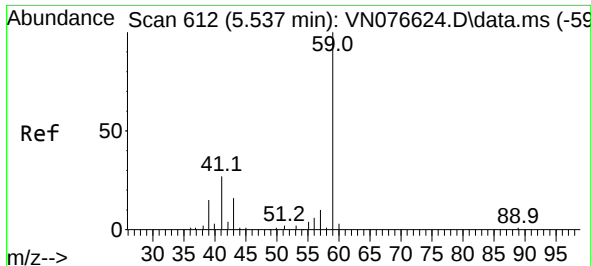


#10
Methyl Iodide
Concen: 48.189 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



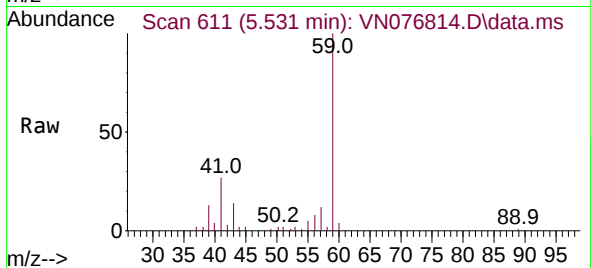
Tgt Ion:142 Resp: 187529
Ion Ratio Lower Upper
142 100
127 42.8 34.6 51.8
141 13.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 235.232 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

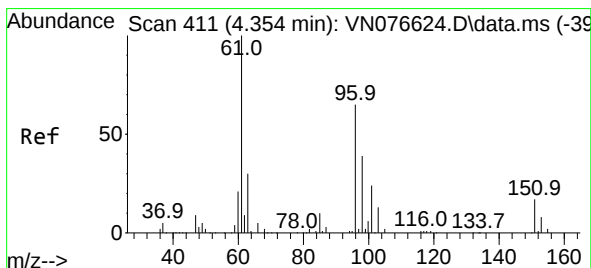
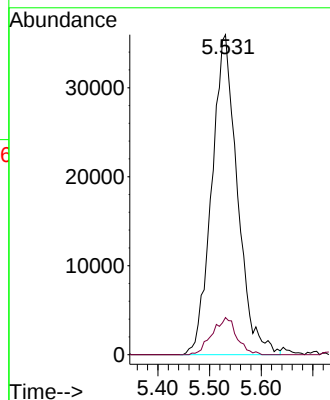
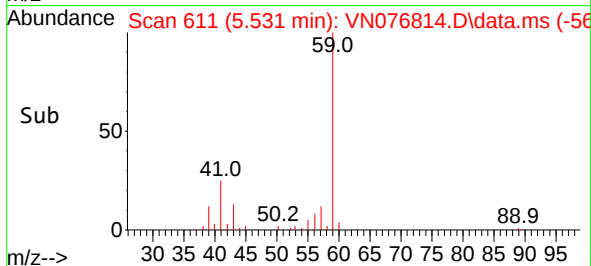
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



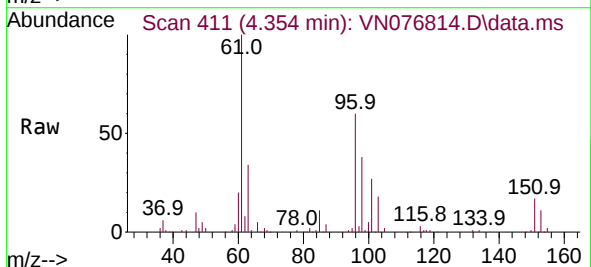
Tgt Ion: 59 Resp: 12395
Ion Ratio Lower Upper
59 100
57 11.1 8.7 13.1

Manual Integrations
APPROVED

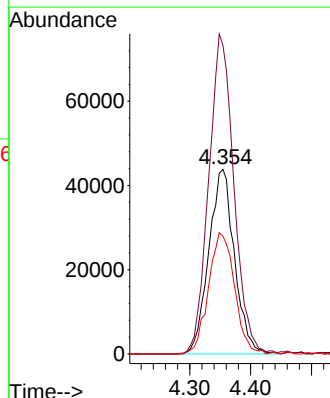
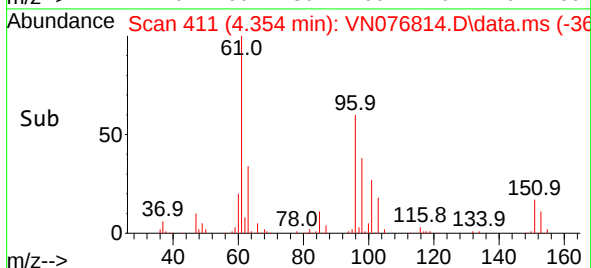
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

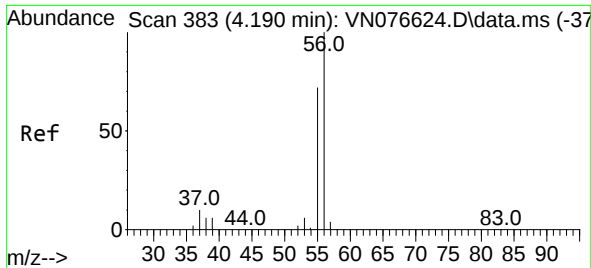


#12
1,1-Dichloroethene
Concen: 43.038 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



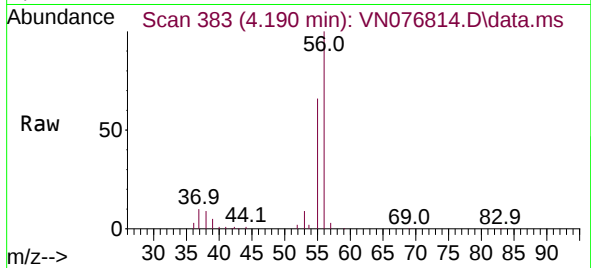
Tgt Ion: 96 Resp: 128424
Ion Ratio Lower Upper
96 100
61 166.7 123.8 185.6
98 63.8 48.4 72.6





#13
Acrolein
Concen: 186.847 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

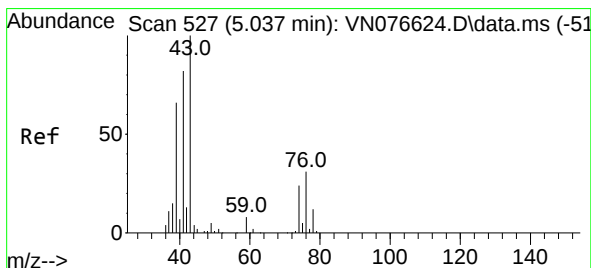
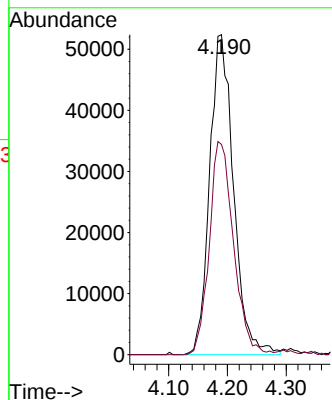
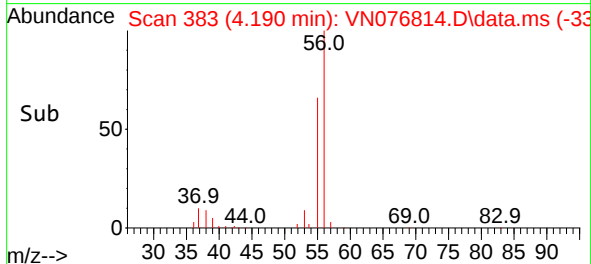
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 147812
Ion Ratio Lower Upper
56 100
55 67.6 56.3 84.5

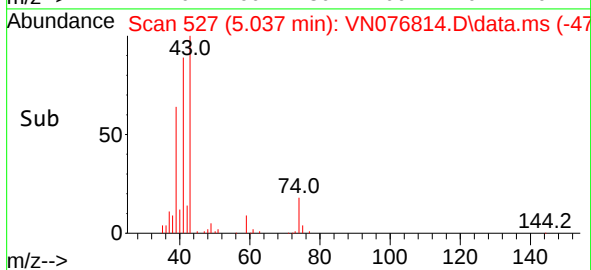
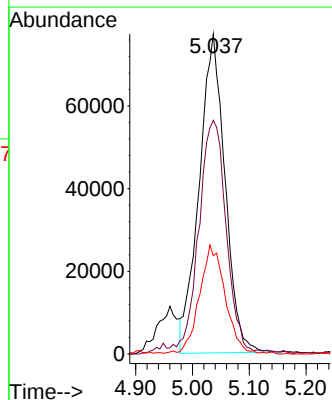
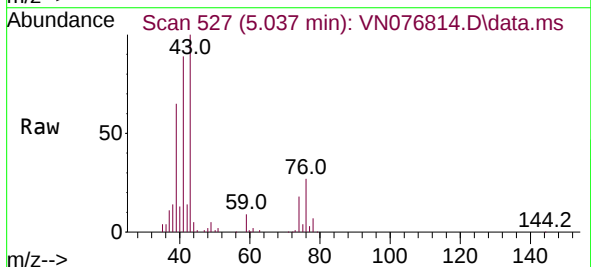
Manual Integrations
APPROVED

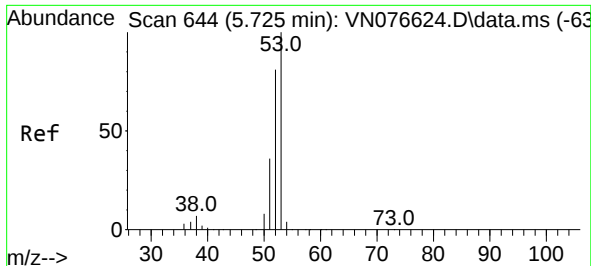
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Allyl chloride
Concen: 47.177 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

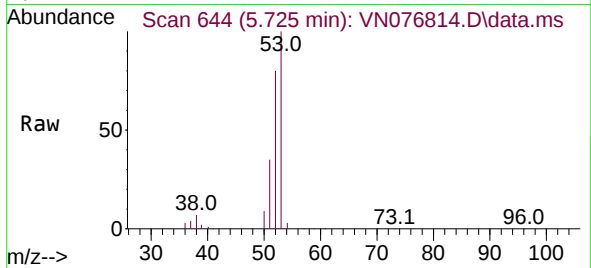
Tgt Ion: 41 Resp: 243922
Ion Ratio Lower Upper
41 100
39 75.6 62.3 93.5
76 33.4 27.0 40.6





#15
Acrylonitrile
Concen: 238.109 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

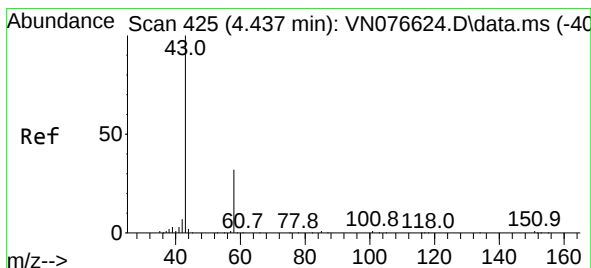
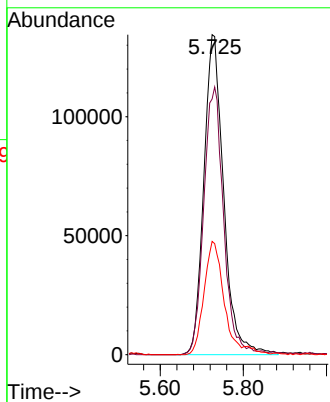
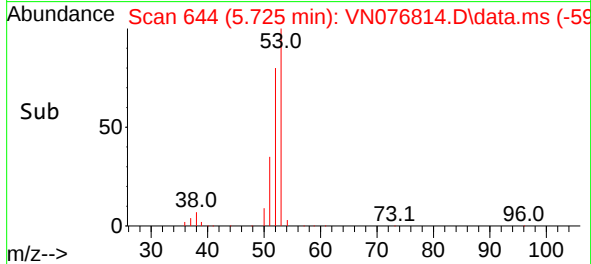
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



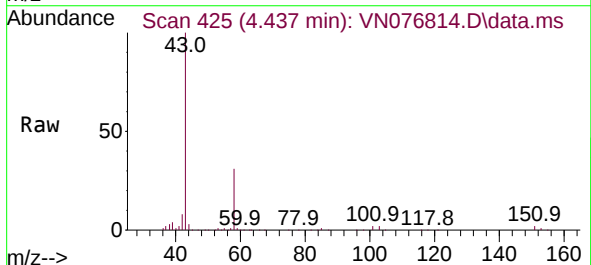
Tgt Ion: 53 Resp: 44527
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 34.9 29.2 43.8

Manual Integrations
APPROVED

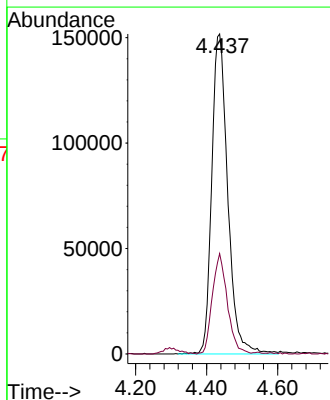
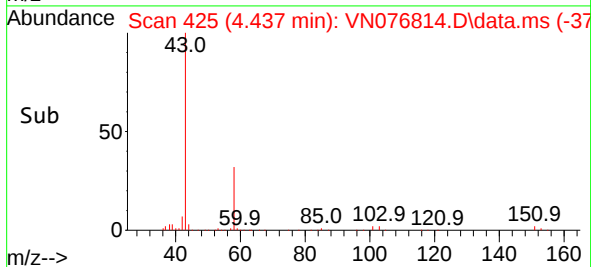
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

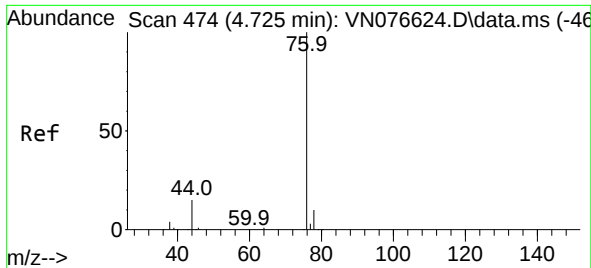


#16
Acetone
Concen: 265.822 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion: 43 Resp: 474008
Ion Ratio Lower Upper
43 100
58 31.3 25.9 38.9





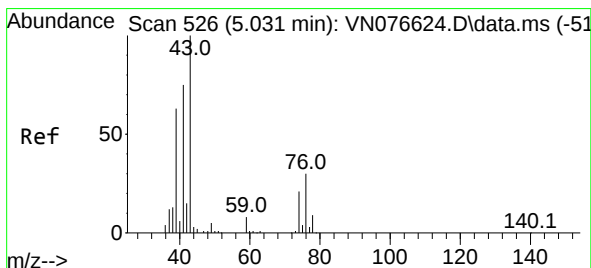
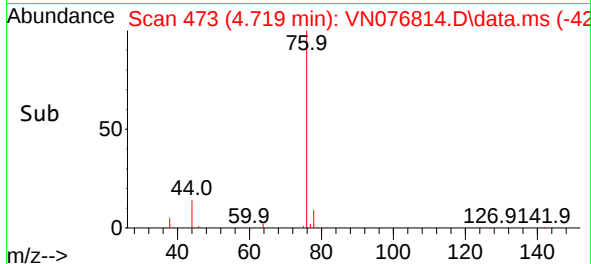
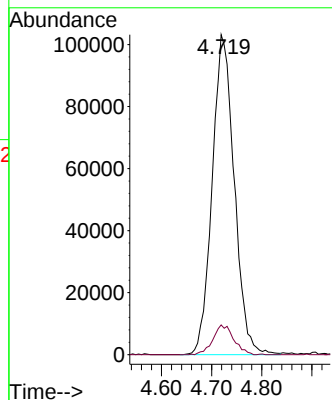
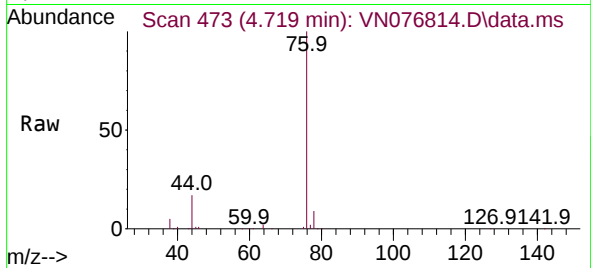
#17
Carbon Disulfide
Concen: 40.061 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 31562
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

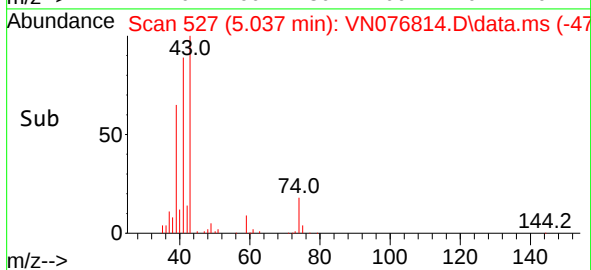
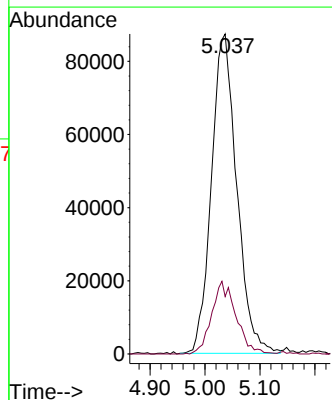
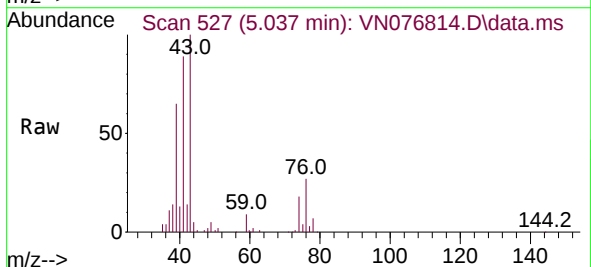
Manual Integrations
APPROVED

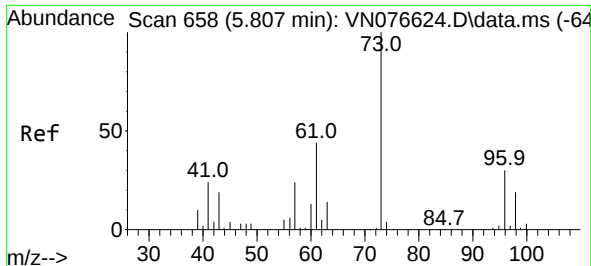
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 48.120 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Tgt Ion: 43 Resp: 280083
Ion Ratio Lower Upper
43 100
74 21.8 17.7 26.5





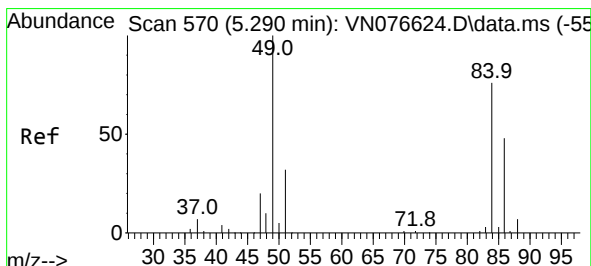
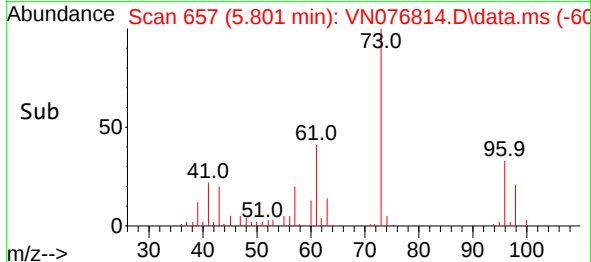
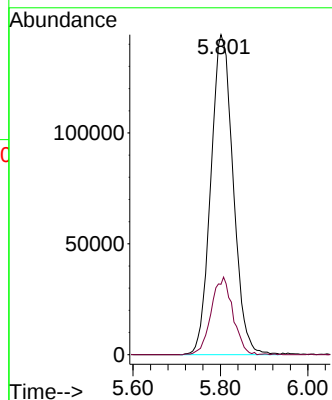
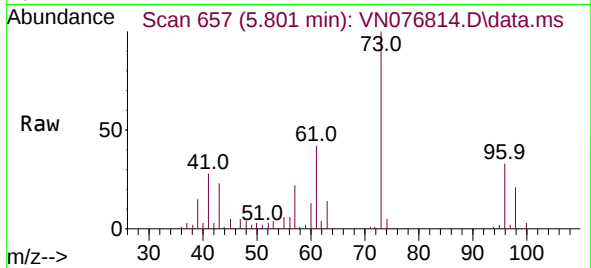
#19
Methyl tert-butyl Ether
Concen: 50.909 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 512164
Ion Ratio Lower Upper
73 100
57 22.0 19.0 28.4

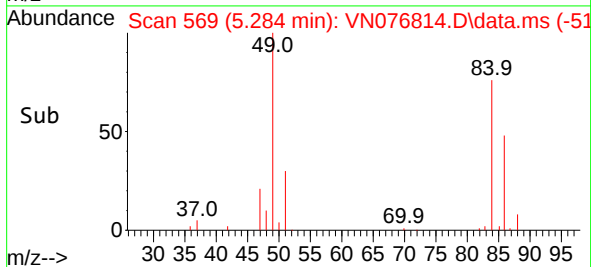
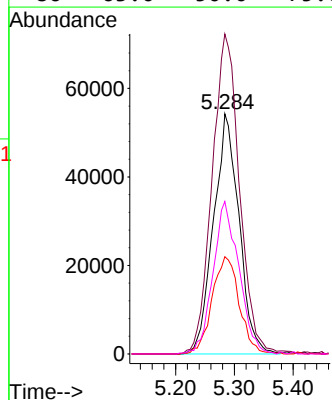
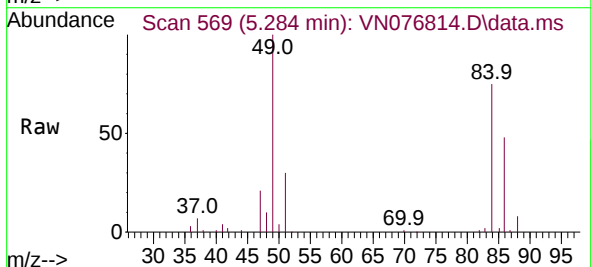
Manual Integrations
APPROVED

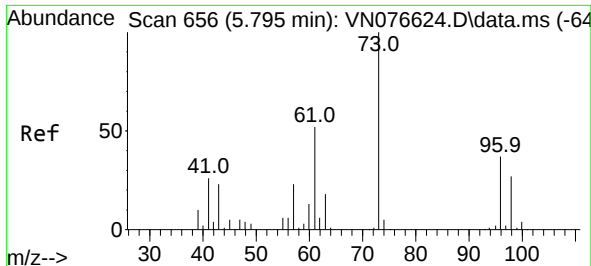
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 43.825 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Tgt Ion: 84 Resp: 163784
Ion Ratio Lower Upper
84 100
49 133.2 104.9 157.3
51 40.5 33.8 50.8
86 63.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 43.984 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 14774

Ion Ratio Lower Upper

96 100

61 131.3 113.9 170.9

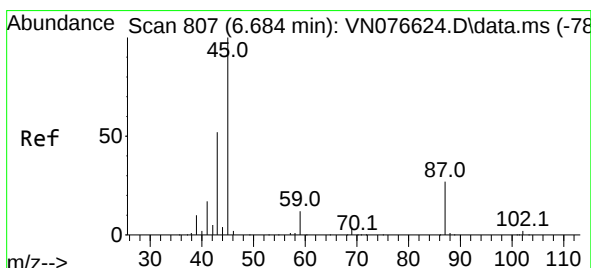
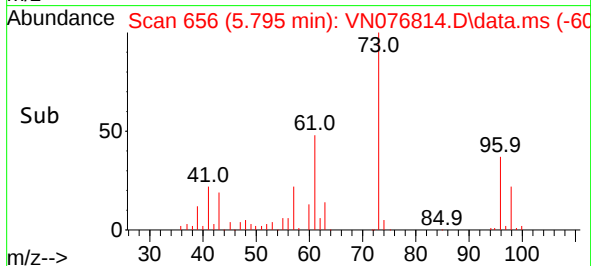
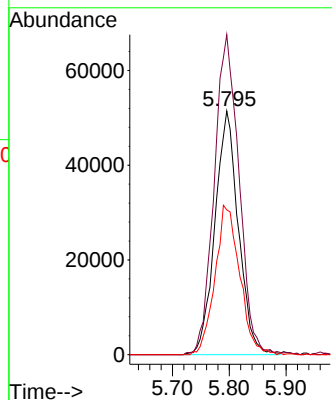
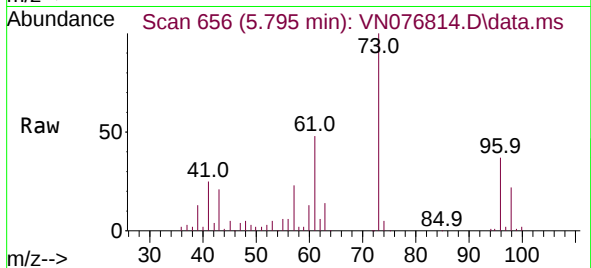
98 59.4 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#22

Diisopropyl ether

Concen: 54.065 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Tgt Ion: 45 Resp: 655643

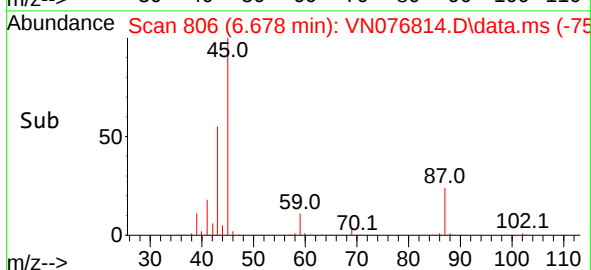
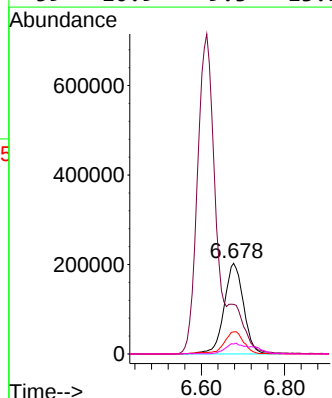
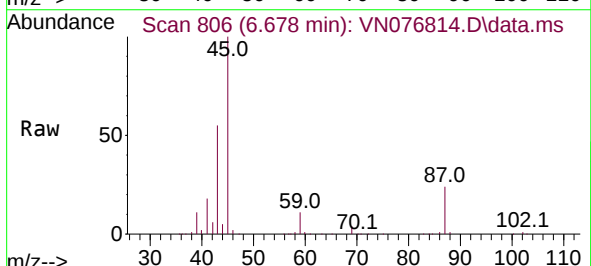
Ion Ratio Lower Upper

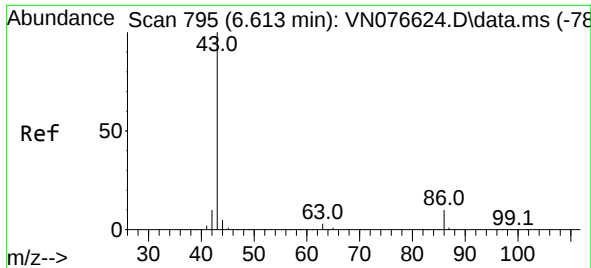
45 100

43 53.8 41.8 62.6

87 24.2 21.8 32.8

59 10.9 9.3 13.9





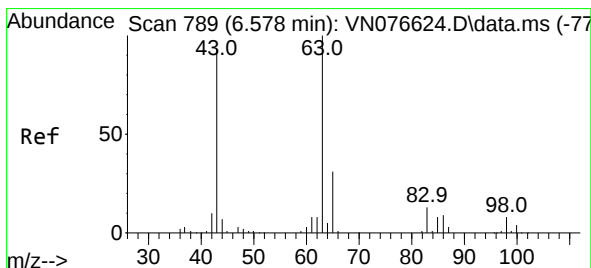
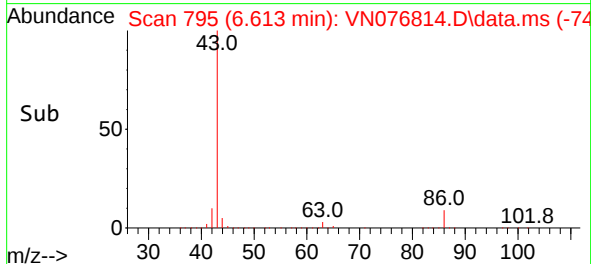
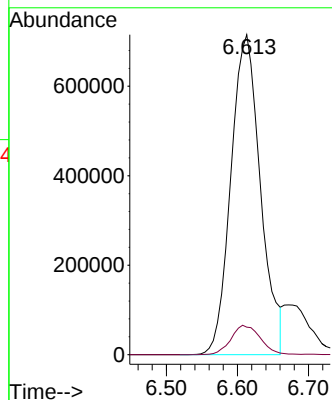
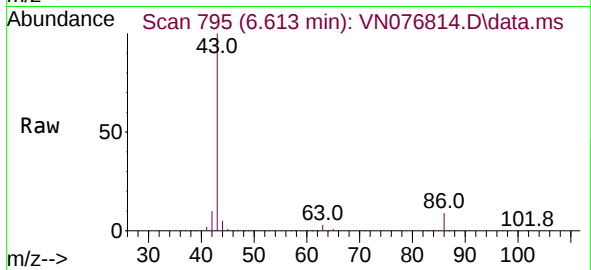
#23
 Vinyl Acetate
 Concen: 288.961 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2073330
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.2 12.2

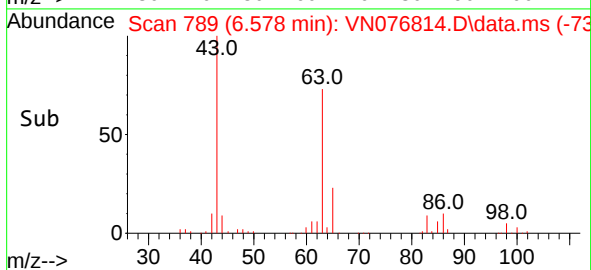
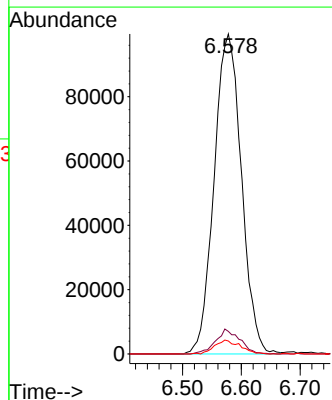
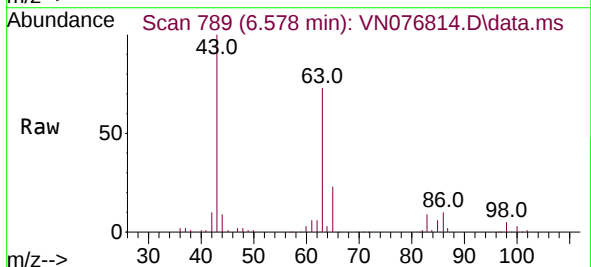
Manual Integrations
 APPROVED

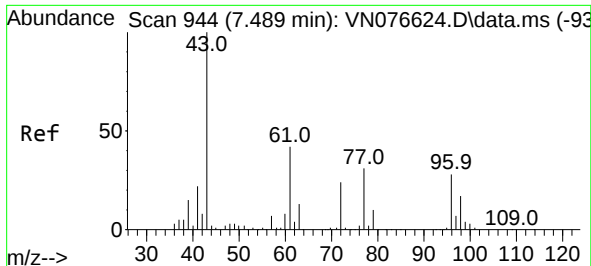
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 48.320 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42

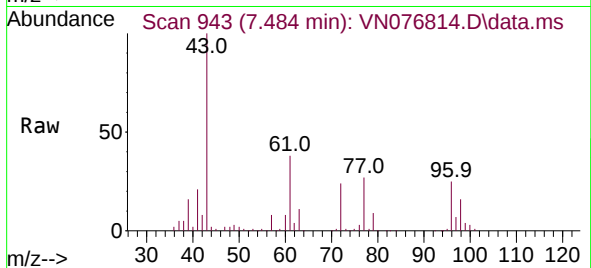
Tgt Ion: 63 Resp: 321145
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.1 12.3
 100 4.0 2.0 5.8





#25
2-Butanone
Concen: 252.878 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.005 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

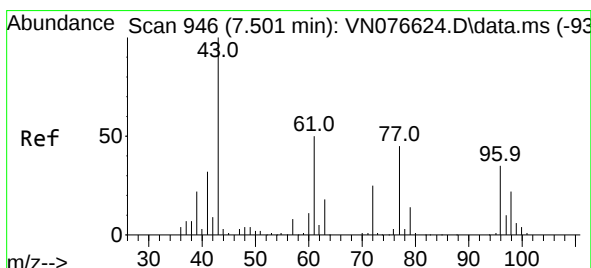
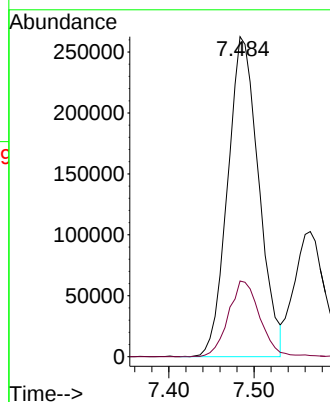
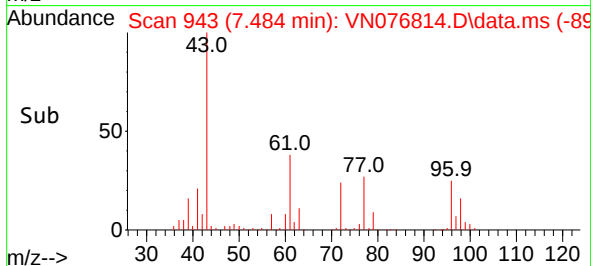
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 665149
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.2

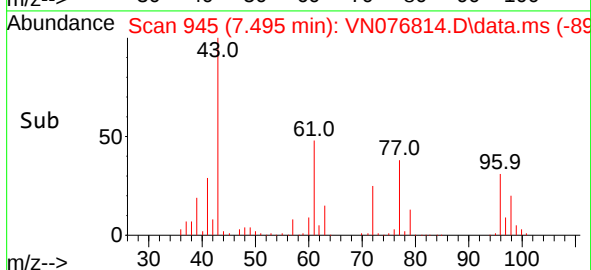
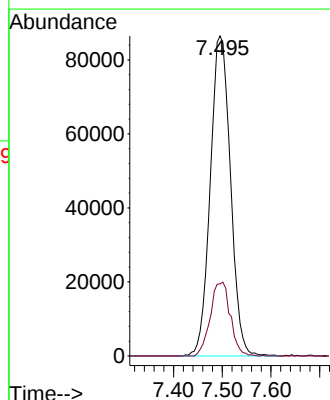
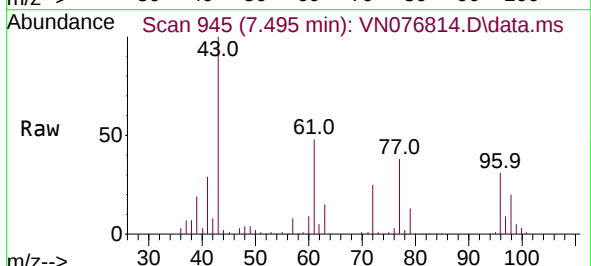
Manual Integrations
APPROVED

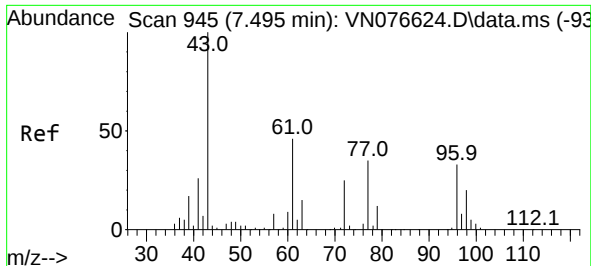
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 51.948 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

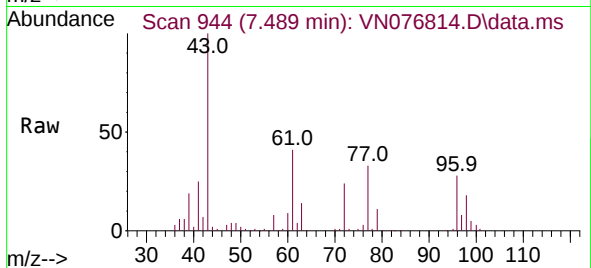
Tgt Ion: 77 Resp: 249033
Ion Ratio Lower Upper
77 100
97 22.8 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.637 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42

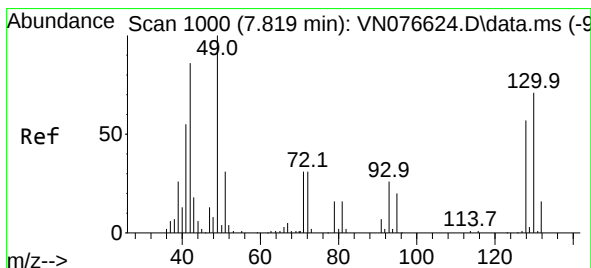
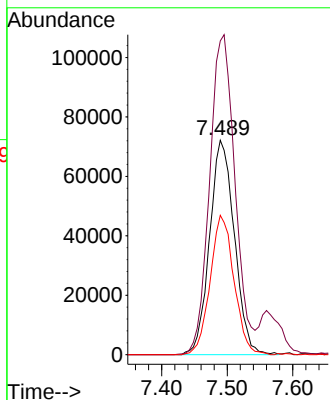
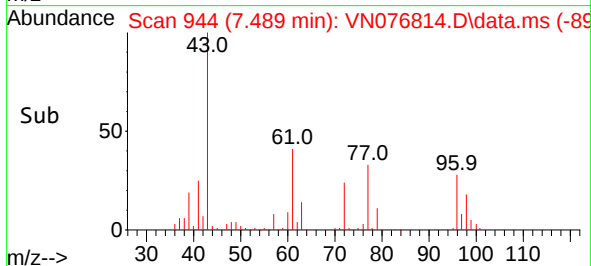
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



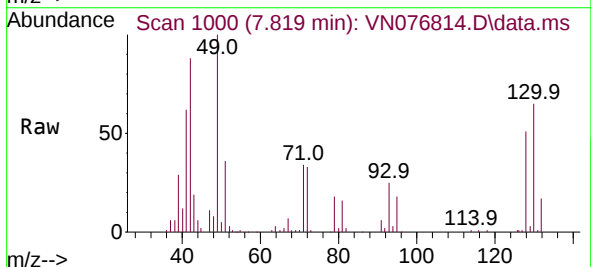
Tgt Ion: 96 Resp: 189786
 Ion Ratio Lower Upper
 96 100
 61 152.7 0.0 286.8
 98 62.4 0.0 124.0

Manual Integrations
 APPROVED

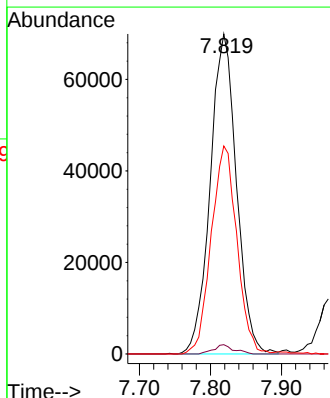
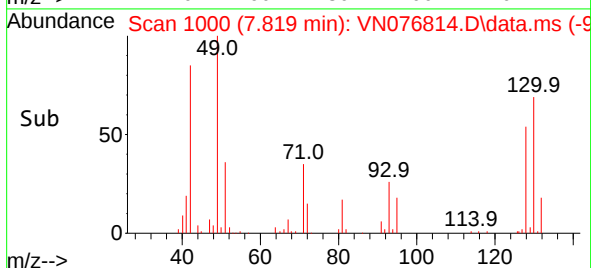
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#28
 Bromochloromethane
 Concen: 56.862 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42



Tgt Ion: 49 Resp: 179867
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 63.4 57.8 86.8





#29

Tetrahydrofuran

Concen: 252.117 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076814.D

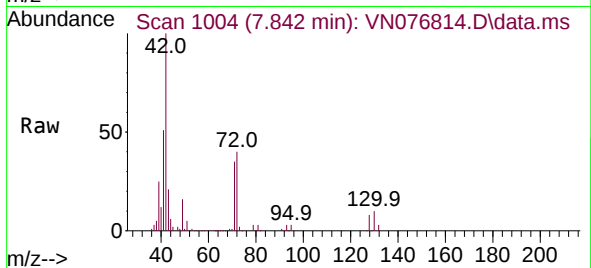
Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



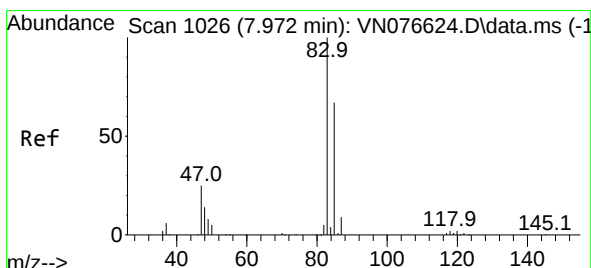
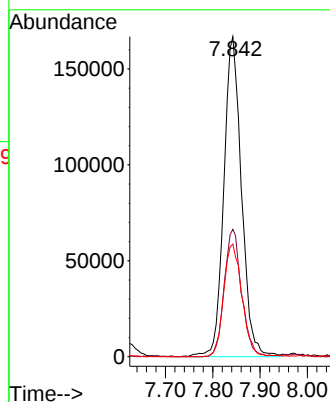
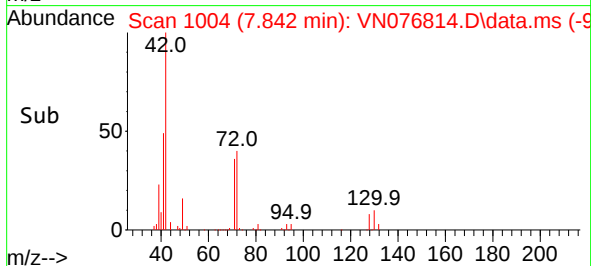
Tgt Ion:	42	Resp:	433268
Ion Ratio	Lower	Upper	
42	100		
72	39.0	31.5	47.3
71	36.7	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 49.696 ug/l

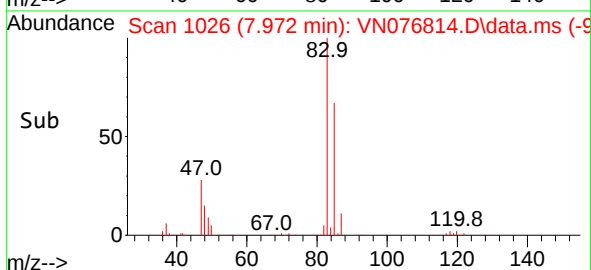
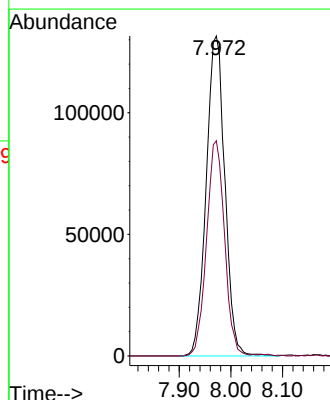
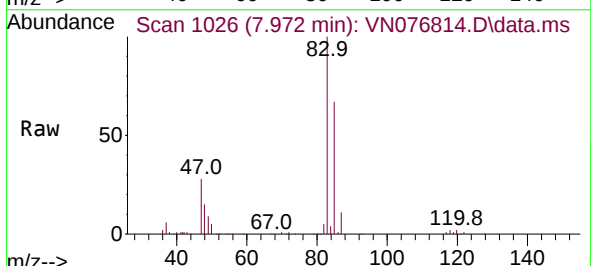
RT: 7.972 min Scan# 1026

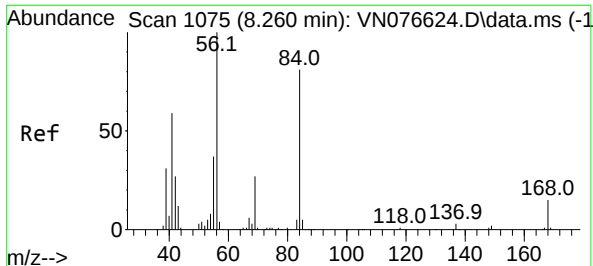
Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

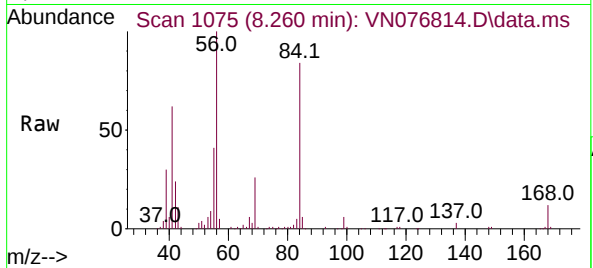
Tgt Ion:	83	Resp:	330007
Ion Ratio	Lower	Upper	
83	100		
85	67.2	53.5	80.3





#31
Cyclohexane
Concen: 46.054 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

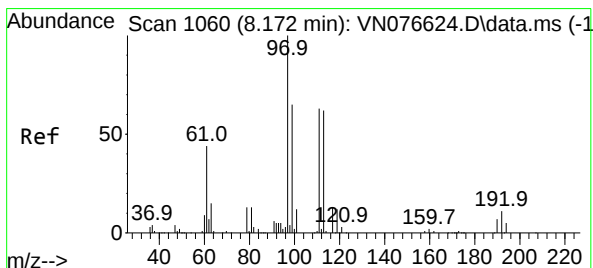
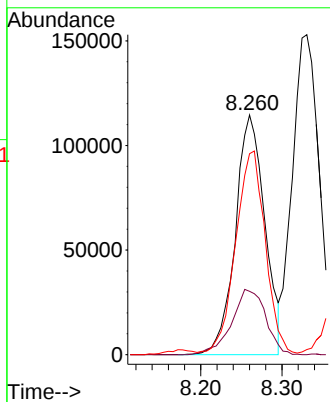
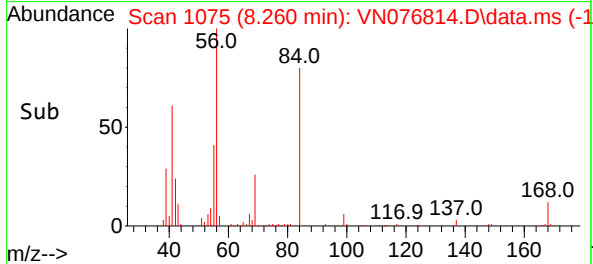
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



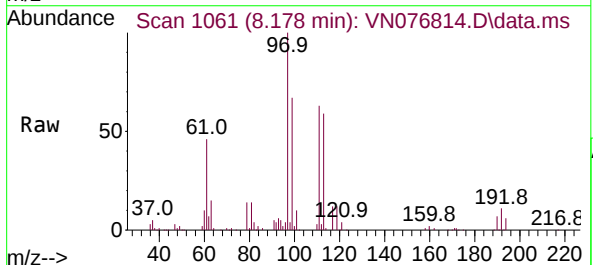
Tgt Ion: 56 Resp: 28839
Ion Ratio Lower Upper
56 100
69 26.5 21.6 32.4
84 81.8 65.1 97.7

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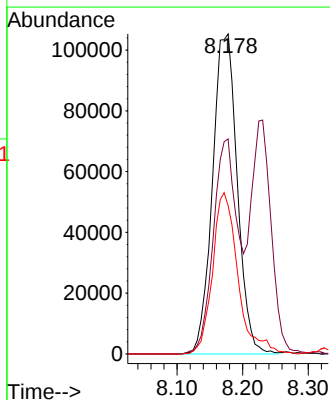
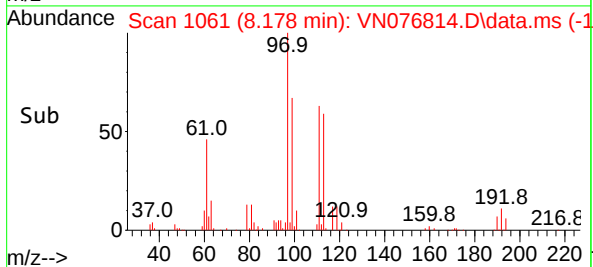
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

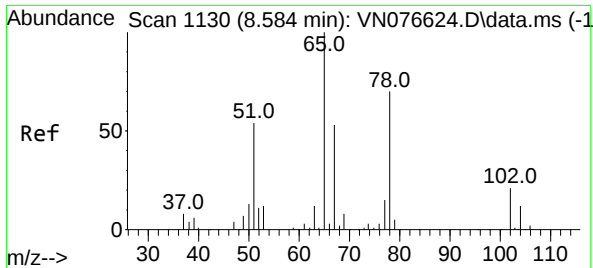


#32
1,1,1-Trichloroethane
Concen: 49.450 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion: 97 Resp: 276094
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 51.7 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.588 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21392

Ion Ratio Lower Upper

65 100

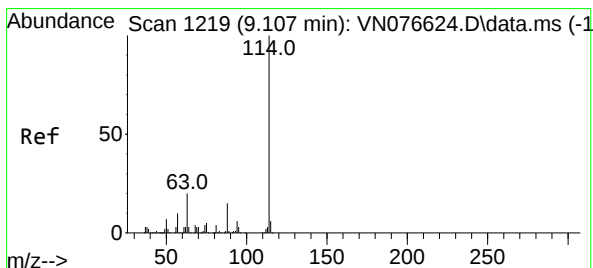
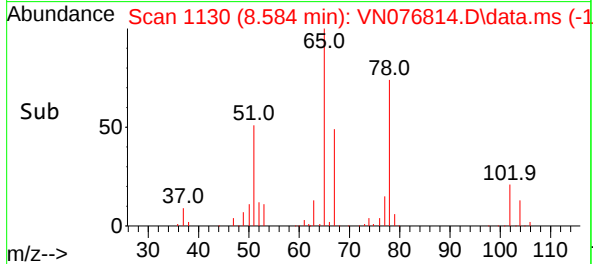
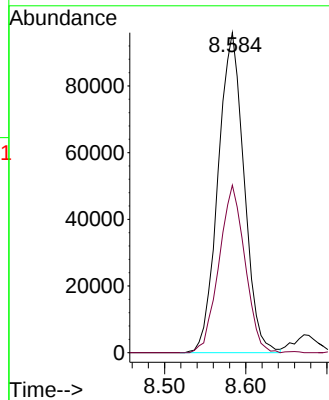
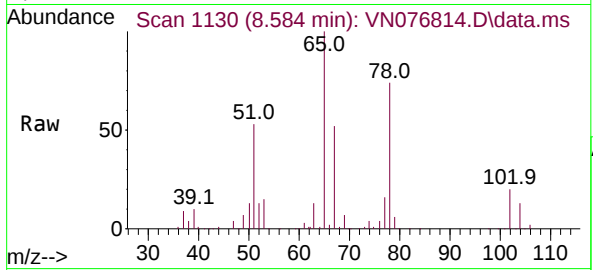
67 52.2 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

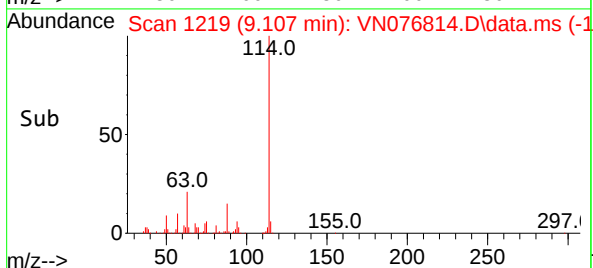
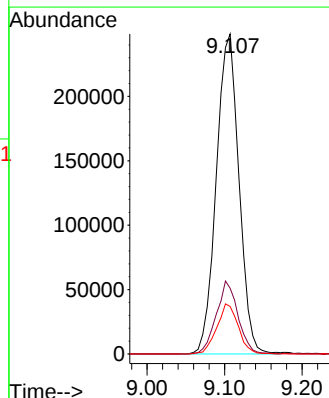
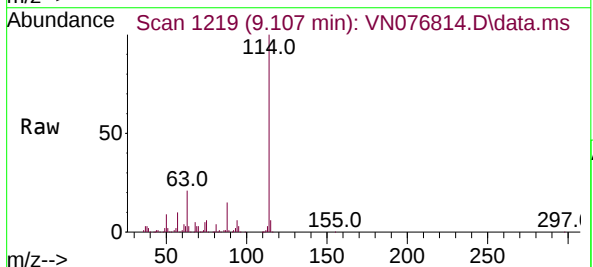
Tgt Ion:114 Resp: 505554

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.395 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 16684

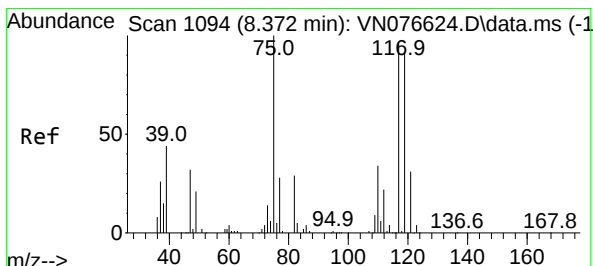
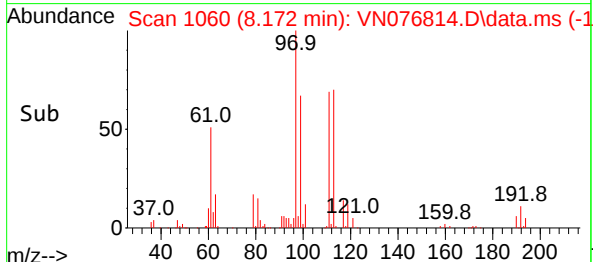
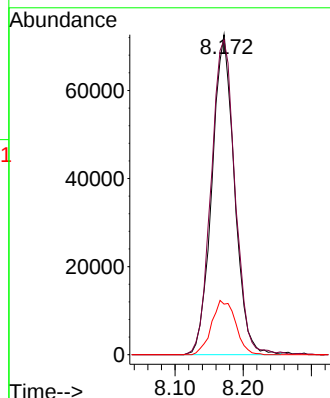
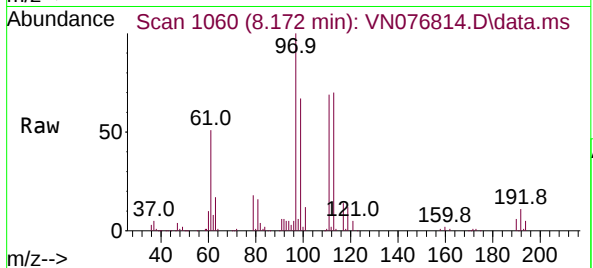
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	18.1	15.6	23.4

Manual Integrations

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Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#36

1,1-Dichloropropene

Concen: 49.945 ug/l

RT: 8.372 min Scan# 1094

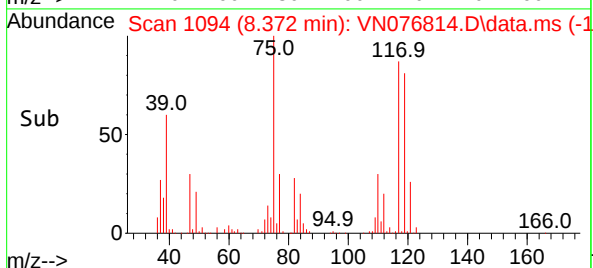
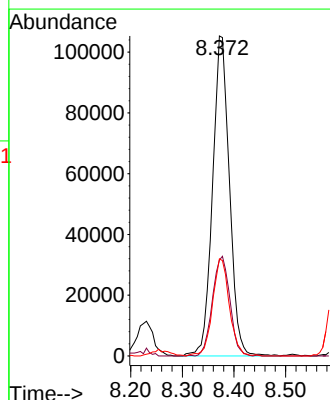
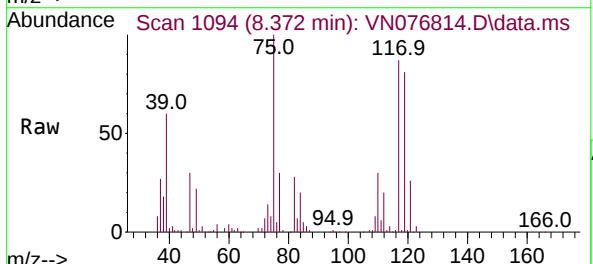
Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Tgt Ion: 75 Resp: 238912

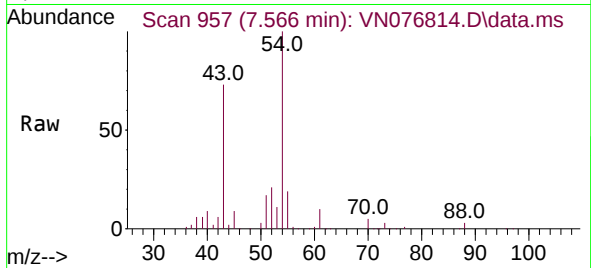
Ion	Ratio	Lower	Upper
75	100		
110	32.2	17.5	52.5
77	30.4	24.5	36.7





#37
Ethyl Acetate
Concen: 52.590 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

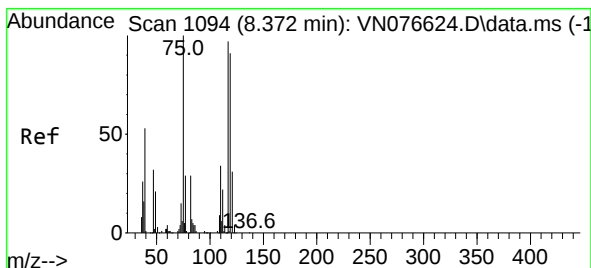
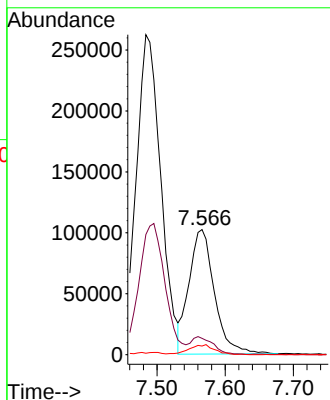
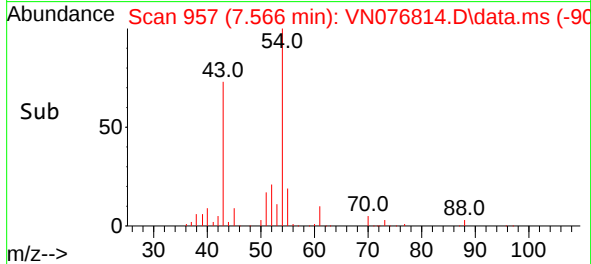
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 264683
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 8.2 7.8 11.6

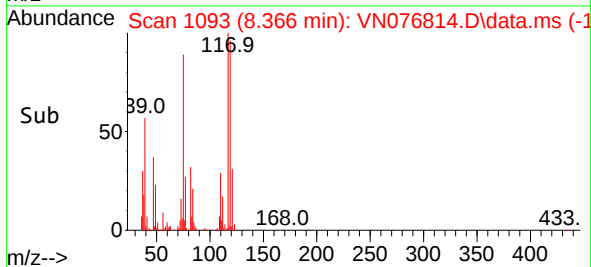
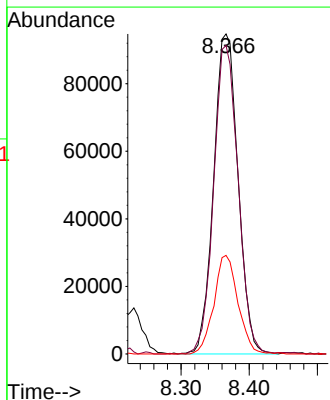
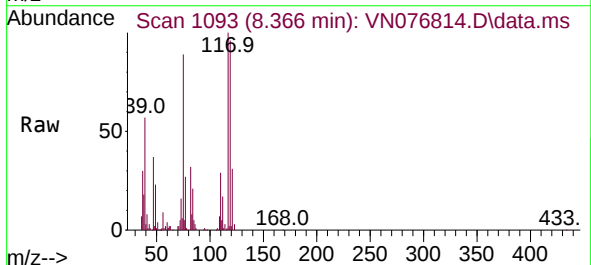
Manual Integrations
APPROVED

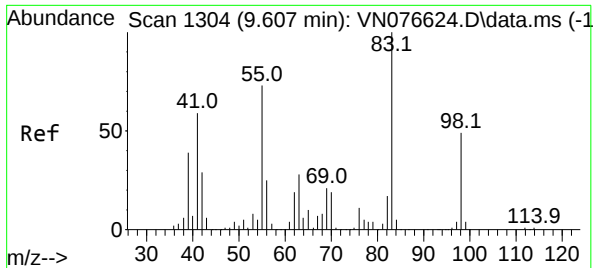
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Carbon Tetrachloride
Concen: 48.975 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Tgt Ion:117 Resp: 236333
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
121 30.8 26.0 39.0





#39

Methylcyclohexane

Concen: 51.984 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 282650

Ion Ratio Lower Upper

83 100

55 80.4 58.6 88.0

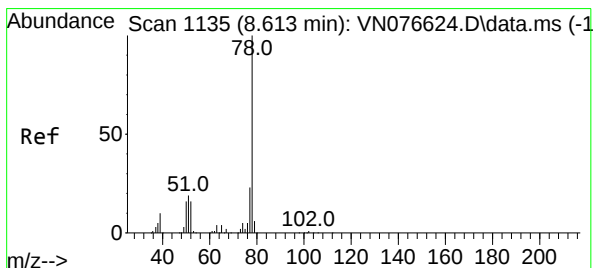
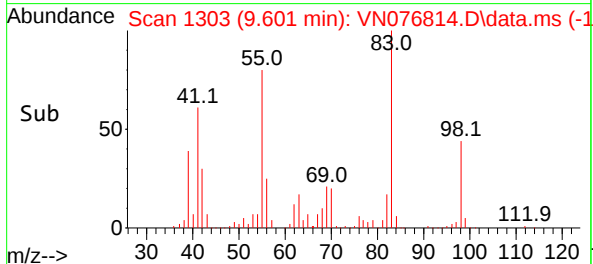
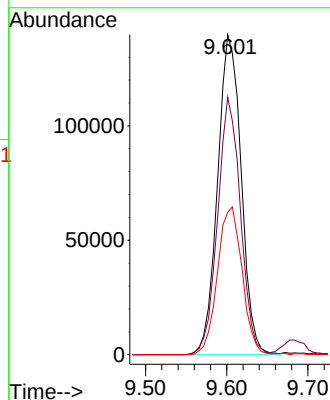
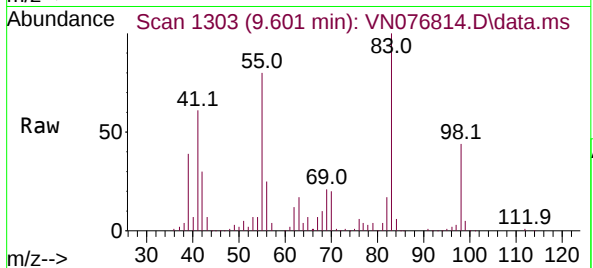
98 44.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 50.974 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076814.D

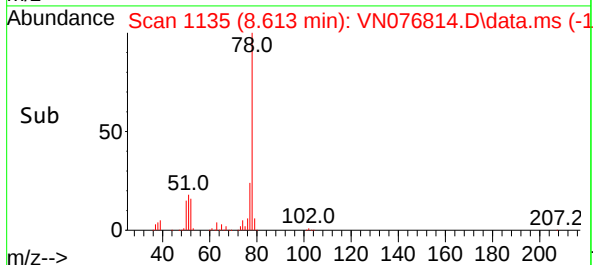
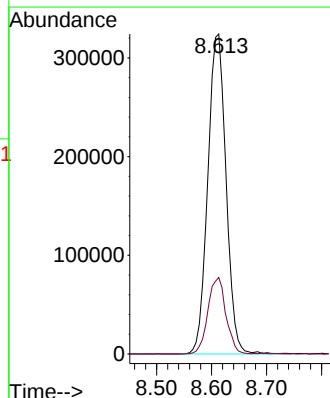
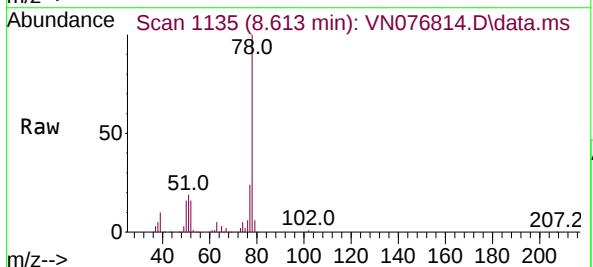
Acq: 27 Feb 2023 09:42

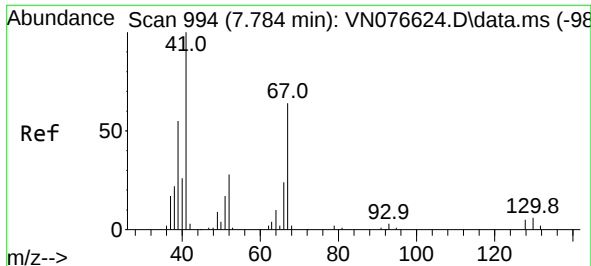
Tgt Ion: 78 Resp: 748806

Ion Ratio Lower Upper

78 100

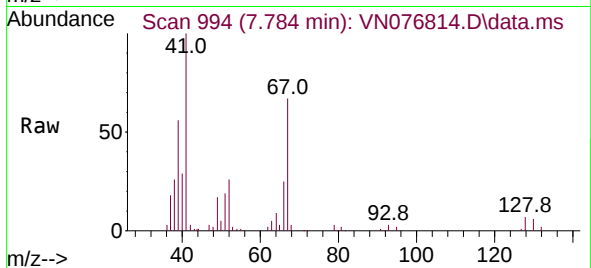
77 23.9 18.2 27.4





#41
Methacrylonitrile
Concen: 50.051 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

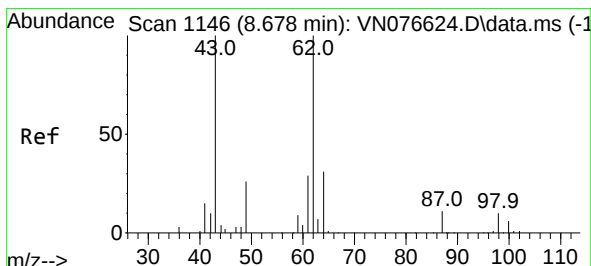
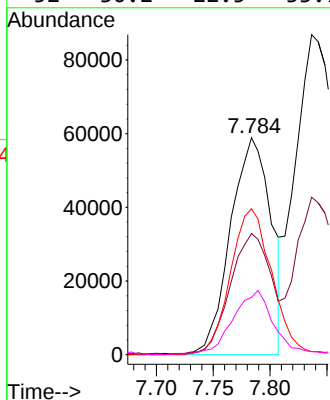
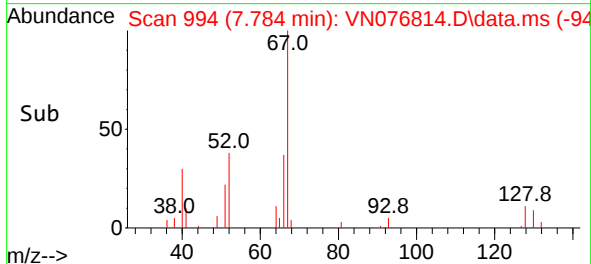
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



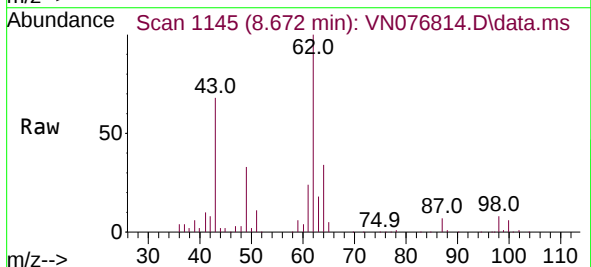
Tgt Ion: 41 Resp: 145932
Ion Ratio Lower Upper
41 100
39 56.2 42.6 63.8
67 68.8 51.4 77.0
52 30.2 22.5 33.7

Manual Integrations
APPROVED

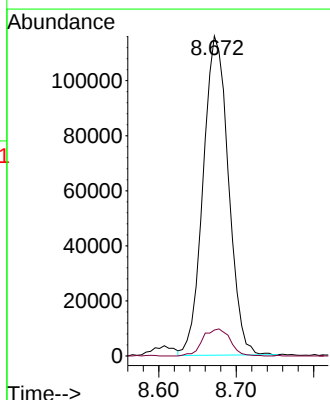
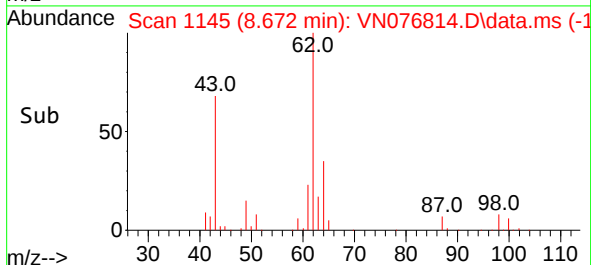
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

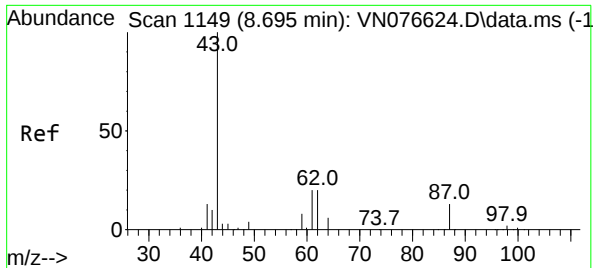


#42
1,2-Dichloroethane
Concen: 51.503 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



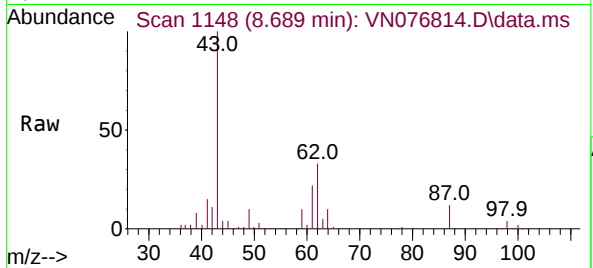
Tgt Ion: 62 Resp: 263868
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 53.828 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

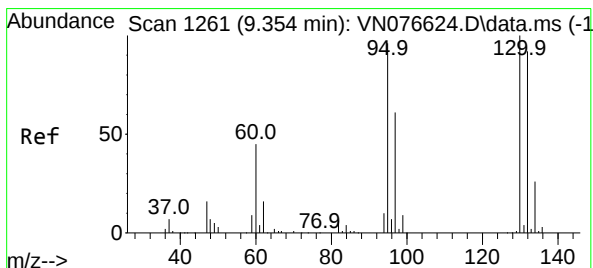
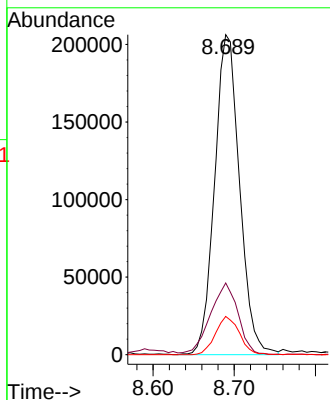
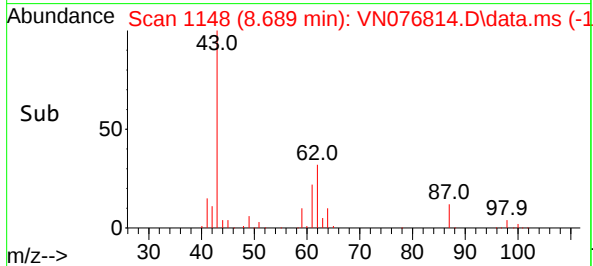
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



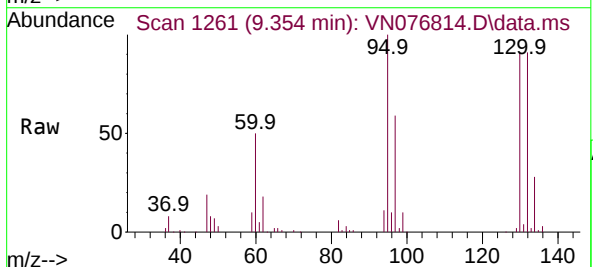
Tgt Ion: 43 Resp: 440838
Ion Ratio Lower Upper
43 100
61 25.0 20.0 30.0
87 11.4 9.9 14.9

Manual Integrations
APPROVED

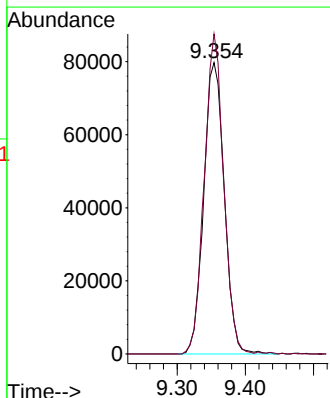
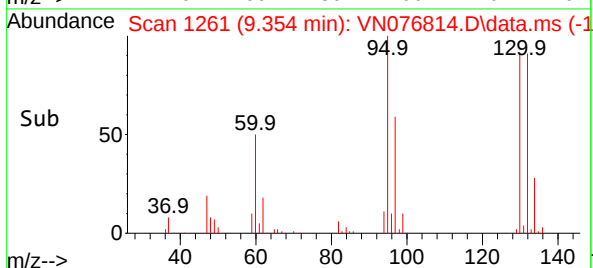
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

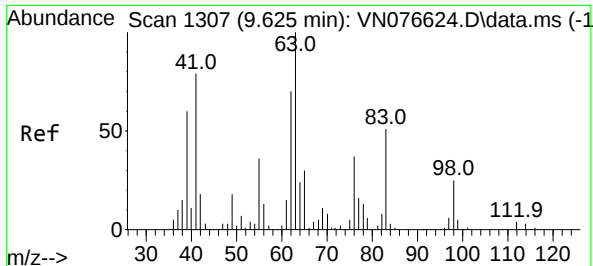


#44
Trichloroethene
Concen: 48.332 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion:130 Resp: 167777
Ion Ratio Lower Upper
130 100
95 109.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 51.955 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 202030

Ion Ratio Lower Upper

63 100

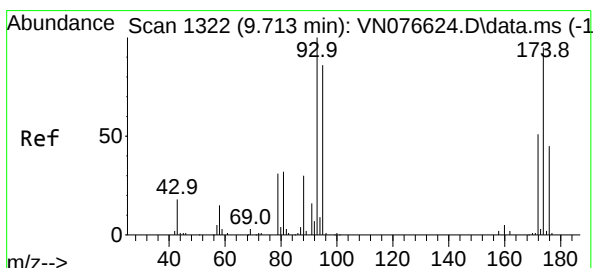
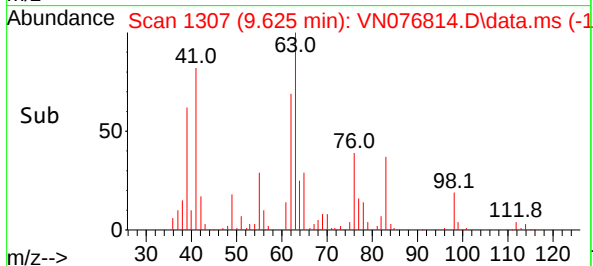
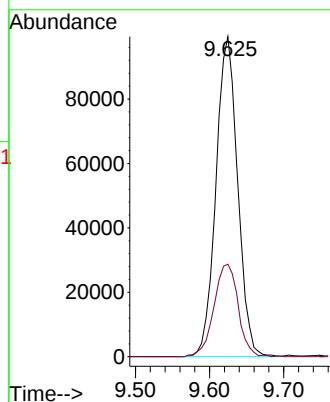
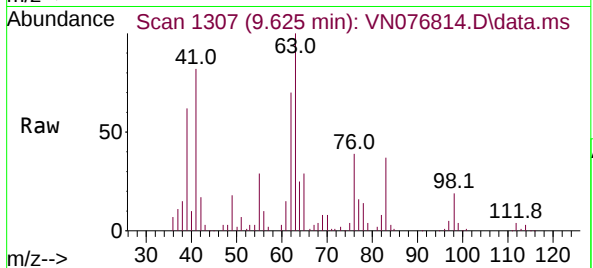
65 28.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 52.616 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

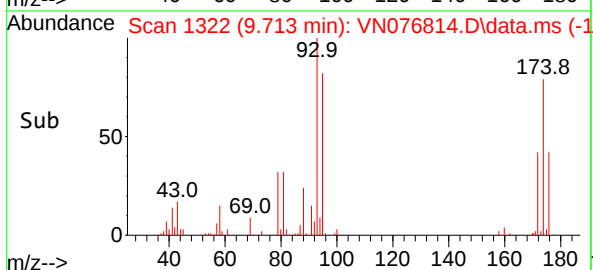
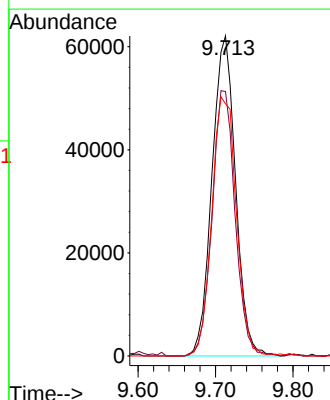
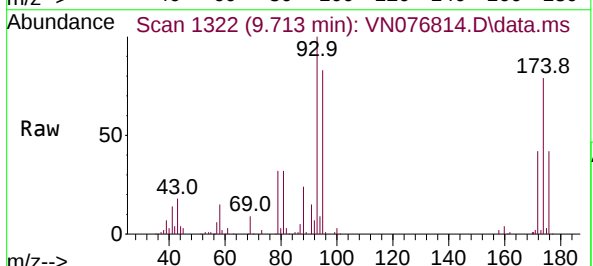
Tgt Ion: 93 Resp: 130807

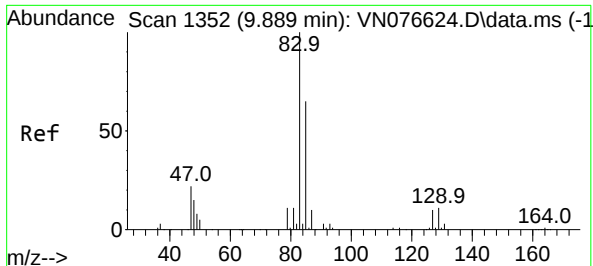
Ion Ratio Lower Upper

93 100

95 81.3 66.0 99.0

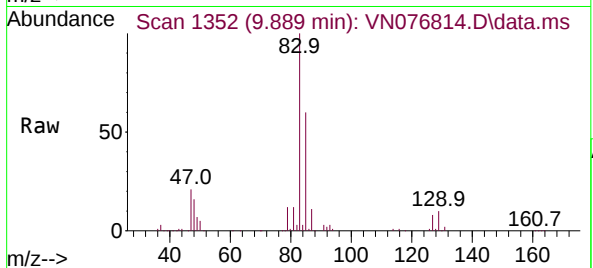
174 84.9 75.8 113.8





#47
Bromodichloromethane
Concen: 54.276 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

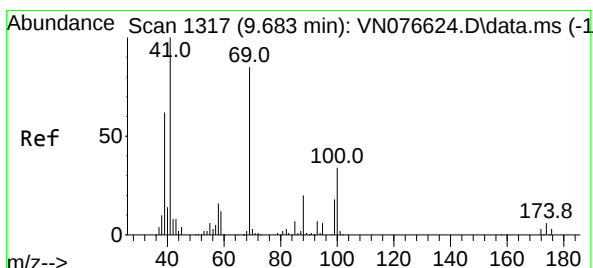
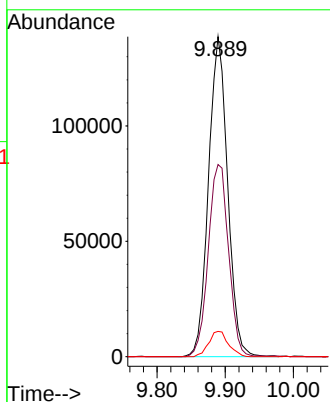
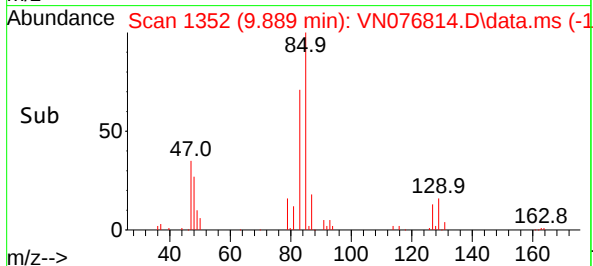
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 270528
Ion Ratio Lower Upper
83 100
85 60.0 51.8 77.6
127 7.9 7.9 11.9

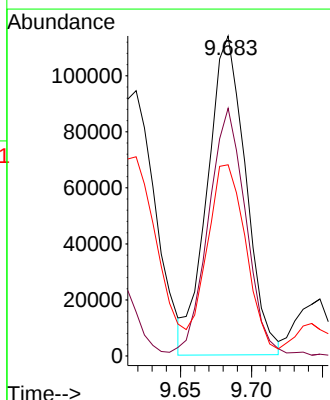
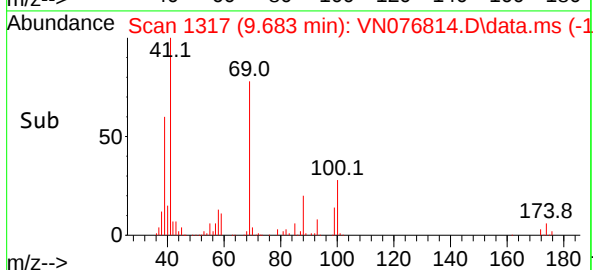
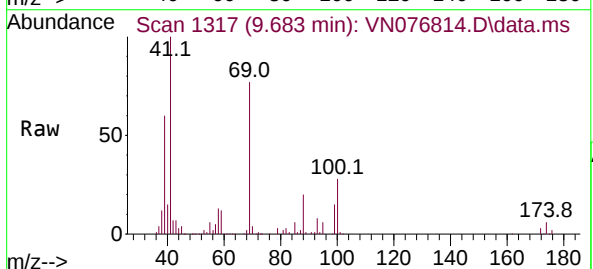
Manual Integrations
APPROVED

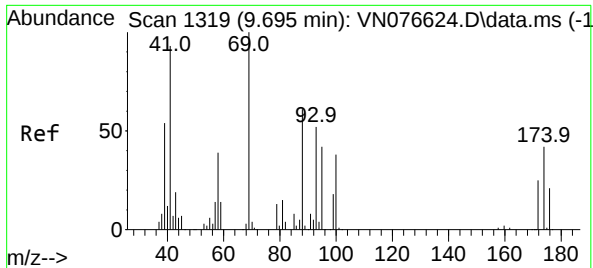
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 54.919 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

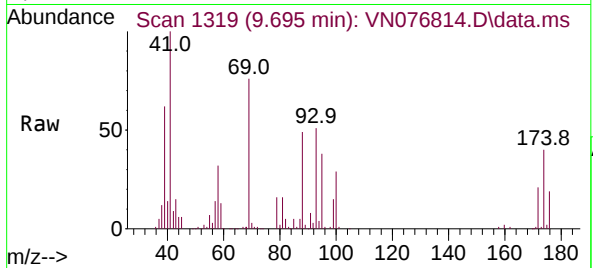
Tgt Ion: 41 Resp: 213427
Ion Ratio Lower Upper
41 100
69 76.1 65.4 98.0
39 61.1 49.3 73.9





#49
1,4-Dioxane
Concen: 1003.476 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

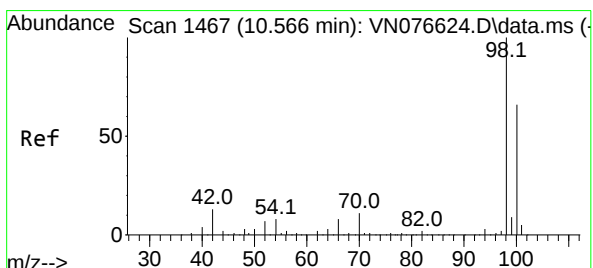
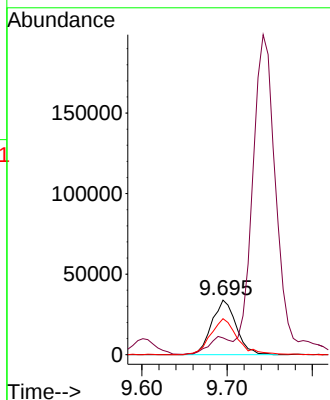
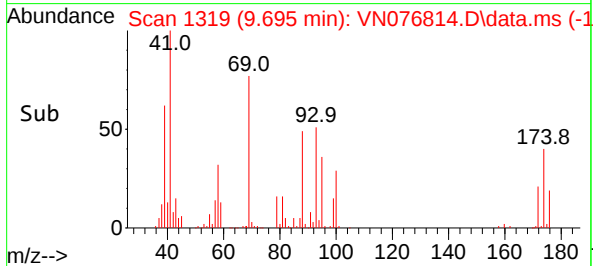
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



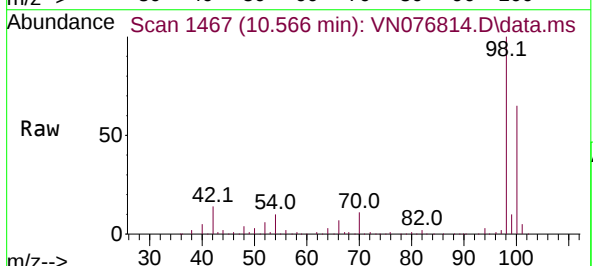
Tgt Ion: 88 Resp: 67458
Ion Ratio Lower Upper
88 100
43 29.9 22.6 33.8
58 72.4 57.6 86.4

Manual Integrations
APPROVED

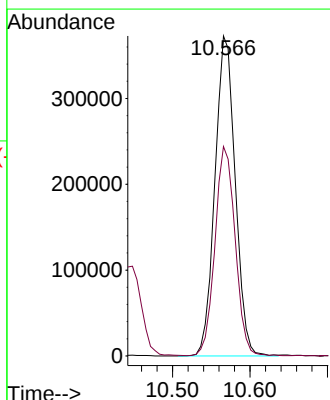
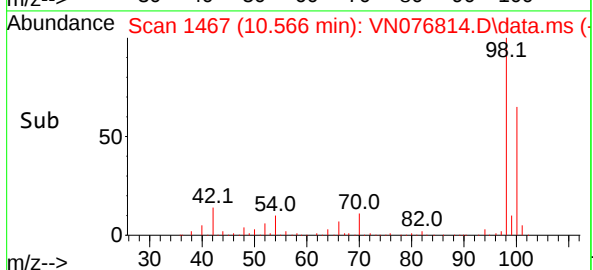
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#50
Toluene-d8
Concen: 54.874 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



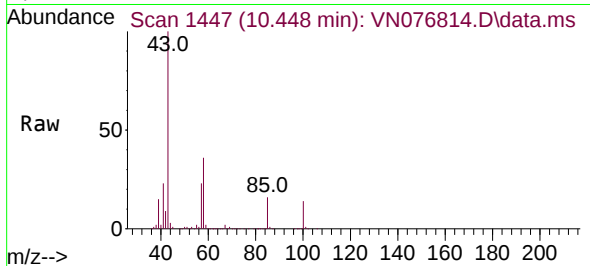
Tgt Ion: 98 Resp: 678476
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 270.541 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

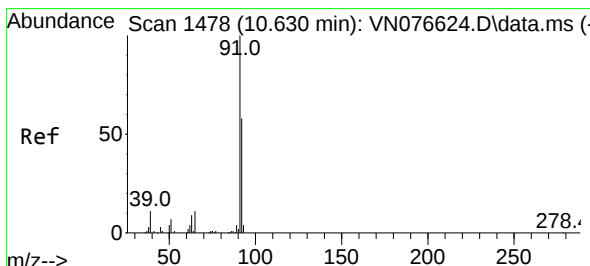
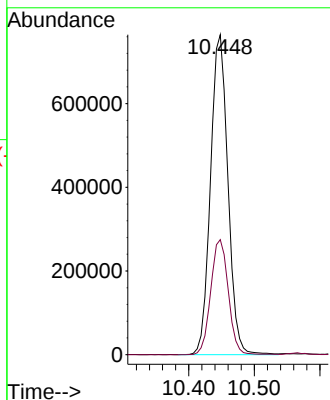
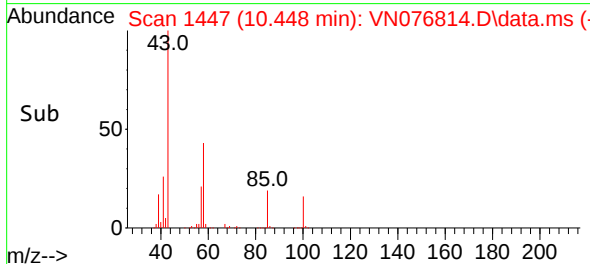
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



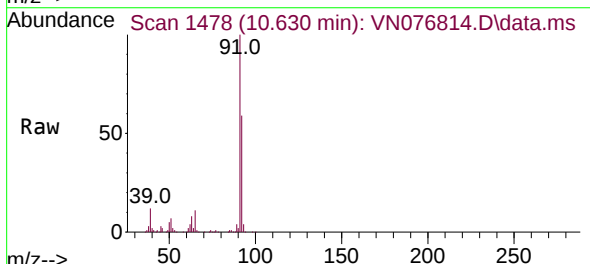
Tgt Ion: 43 Resp: 140970
Ion Ratio Lower Upper
43 100
58 36.2 29.5 44.3

Manual Integrations
APPROVED

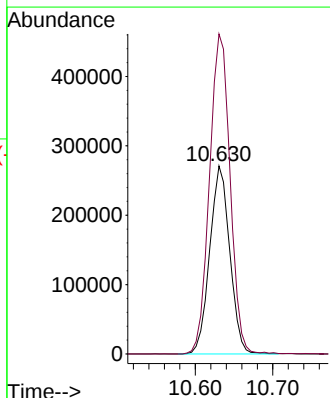
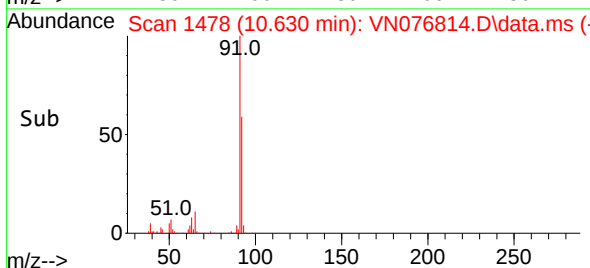
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

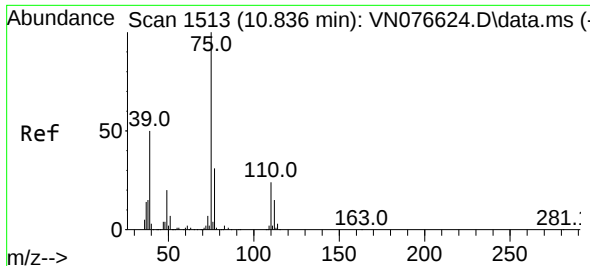


#52
Toluene
Concen: 54.844 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



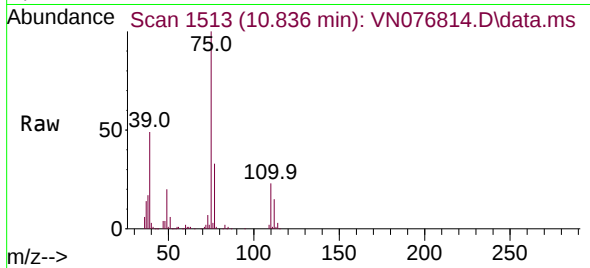
Tgt Ion: 92 Resp: 486408
Ion Ratio Lower Upper
92 100
91 175.1 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 59.226 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

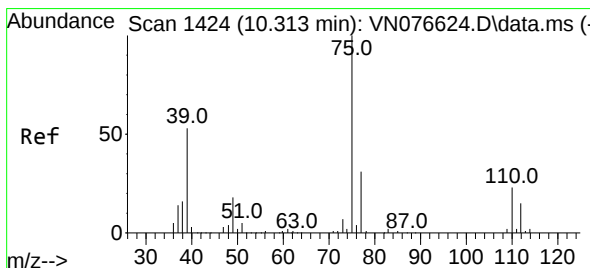
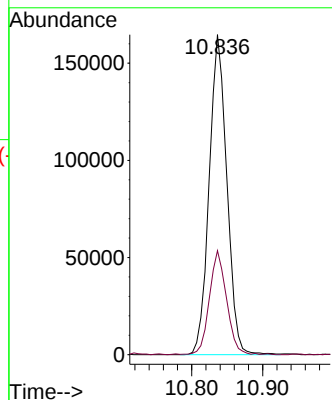
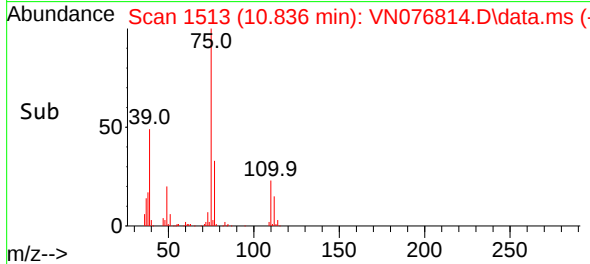
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 284924
Ion Ratio Lower Upper
75 100
77 32.5 24.6 37.0

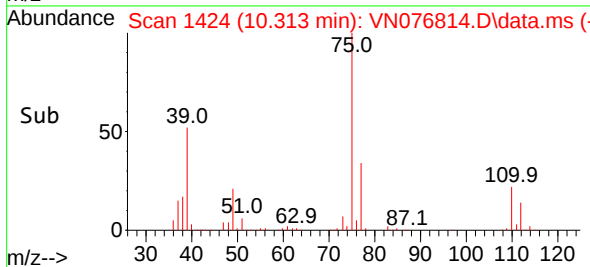
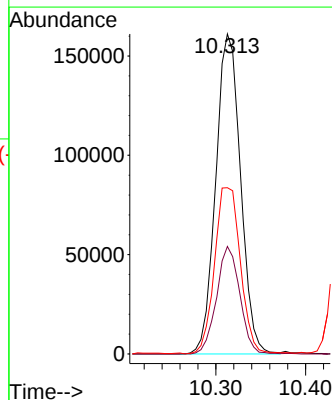
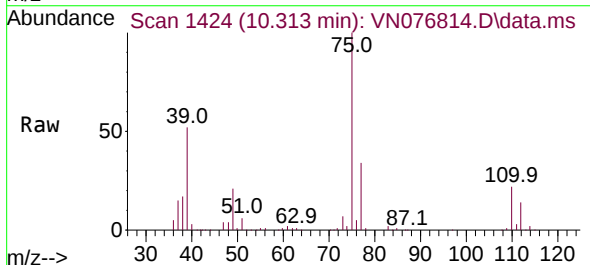
Manual Integrations
APPROVED

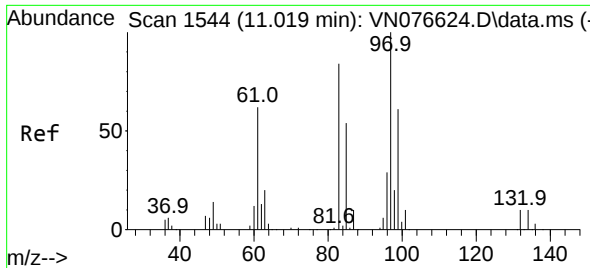
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#54
cis-1,3-Dichloropropene
Concen: 55.726 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

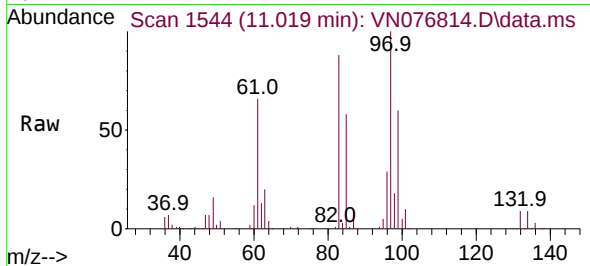
Tgt Ion: 75 Resp: 309232
Ion Ratio Lower Upper
75 100
77 33.6 25.1 37.7
39 51.6 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 53.677 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

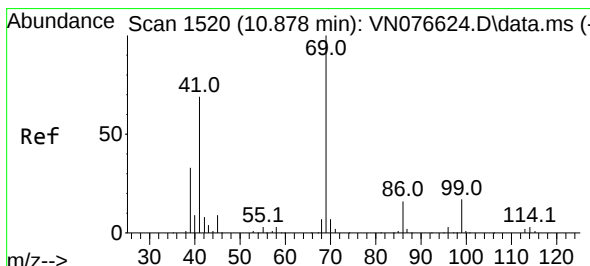
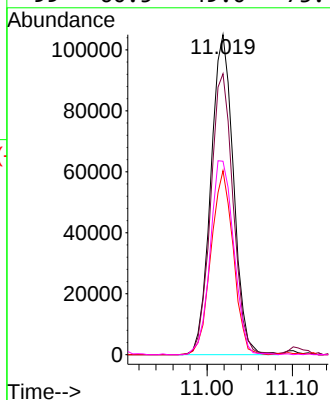
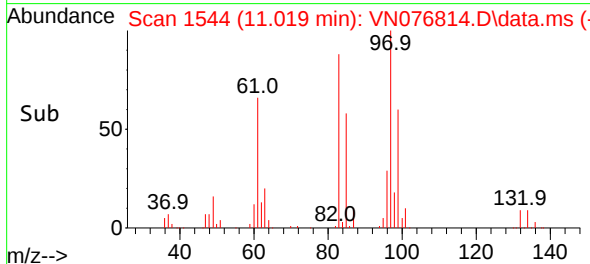
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



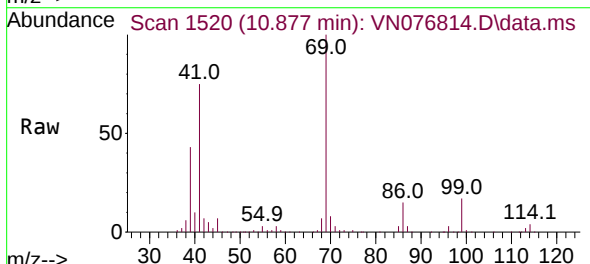
Tgt Ion: 97 Resp: 193580
Ion Ratio Lower Upper
97 100
83 87.8 67.3 100.9
85 57.5 43.2 64.8
99 60.5 49.0 73.4

Manual Integrations
APPROVED

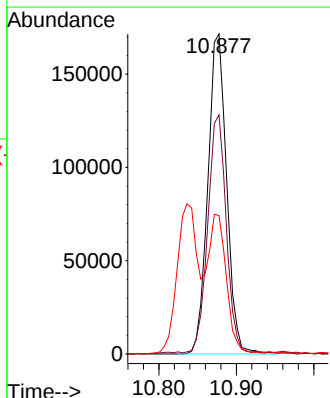
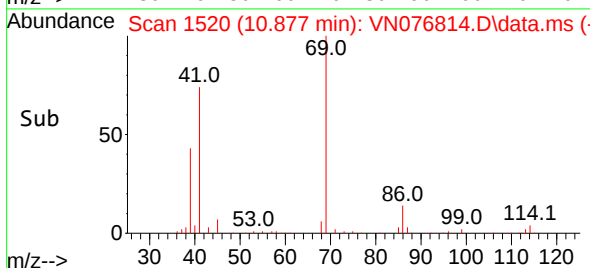
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

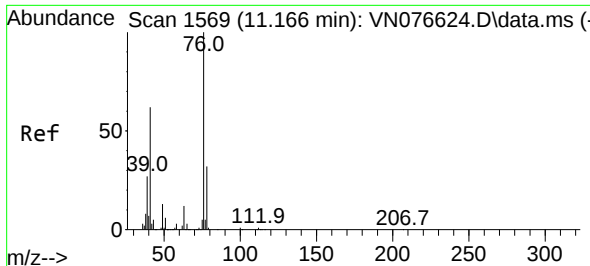


#56
Ethyl methacrylate
Concen: 56.920 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



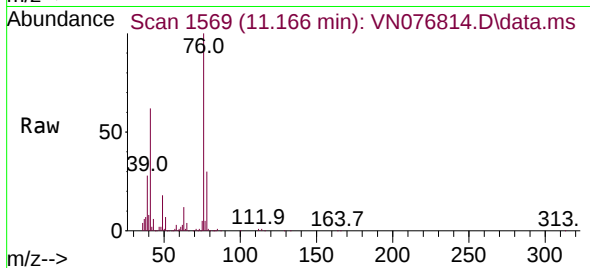
Tgt Ion: 69 Resp: 288940
Ion Ratio Lower Upper
69 100
41 73.1 55.1 82.7
39 43.3 30.7 46.1





#57
1,3-Dichloropropane
Concen: 54.201 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

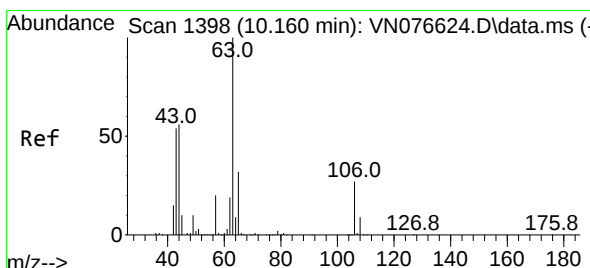
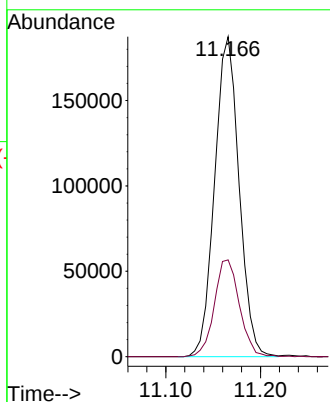
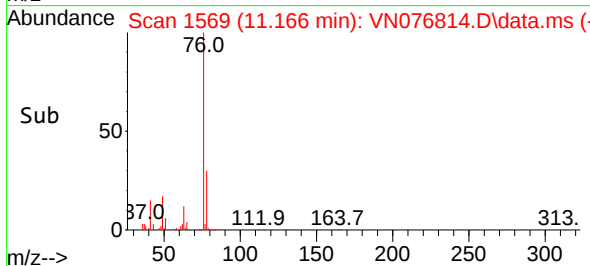
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



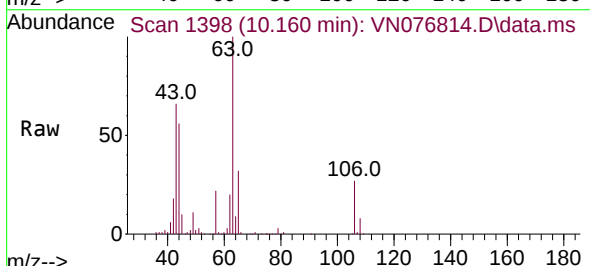
Tgt Ion: 76 Resp: 335820
Ion Ratio Lower Upper
76 100
78 31.2 26.1 39.1

Manual Integrations
APPROVED

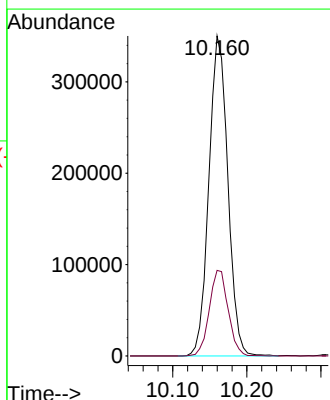
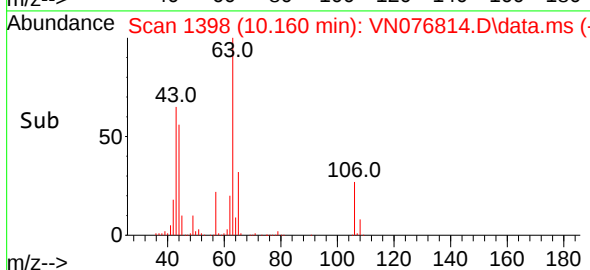
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

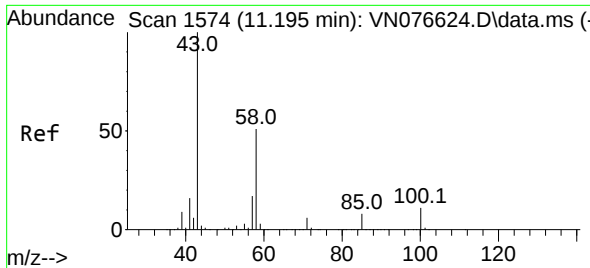


#58
2-Chloroethyl Vinyl ether
Concen: 267.691 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



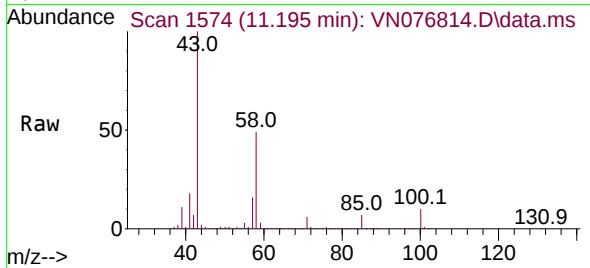
Tgt Ion: 63 Resp: 622330
Ion Ratio Lower Upper
63 100
106 26.6 22.3 33.5





#59
2-Hexanone
Concen: 281.368 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

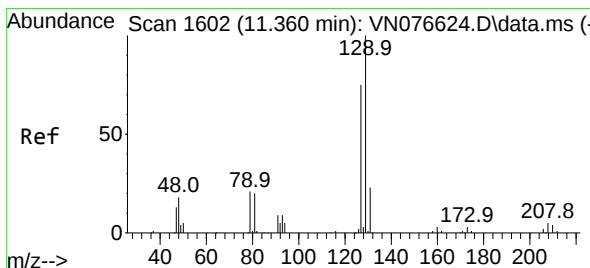
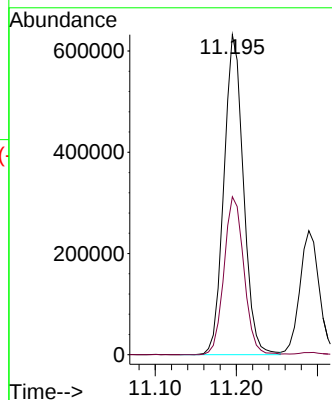
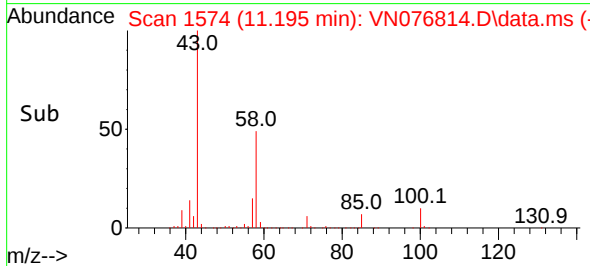
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



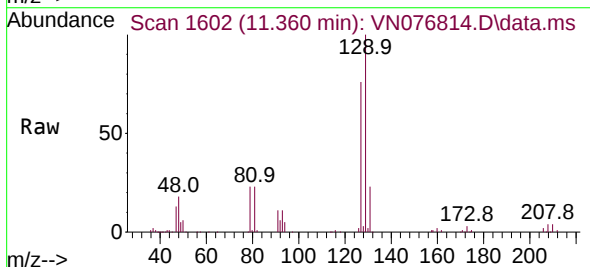
Tgt Ion: 43 Resp: 1057120
Ion Ratio Lower Upper
43 100
58 50.3 25.4 76.0

Manual Integrations
APPROVED

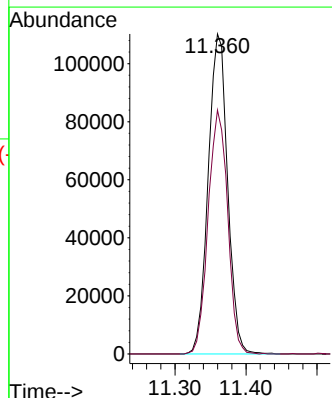
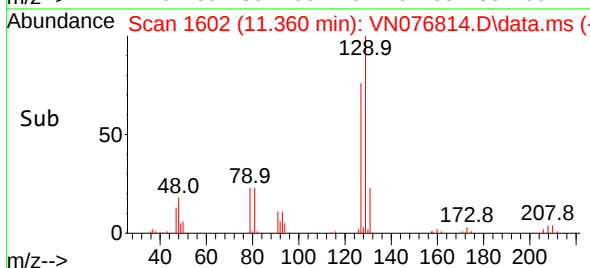
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

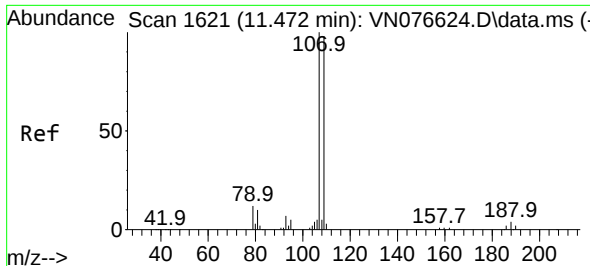


#60
Dibromochloromethane
Concen: 55.014 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



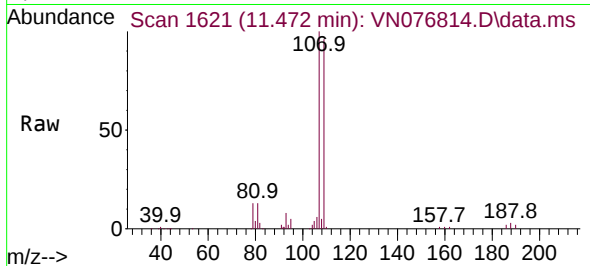
Tgt Ion:129 Resp: 209101
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.638 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

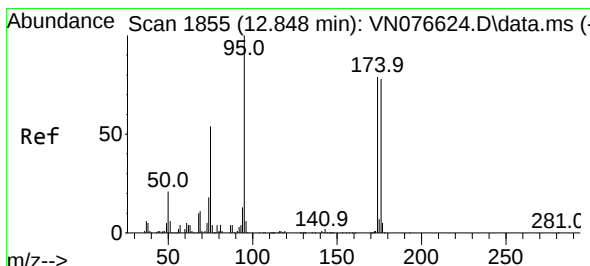
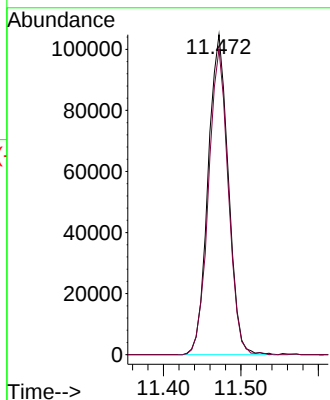
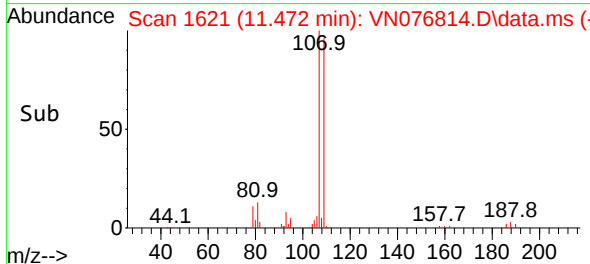
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 19001
Ion Ratio Lower Upper
107 100
109 93.4 76.8 115.2

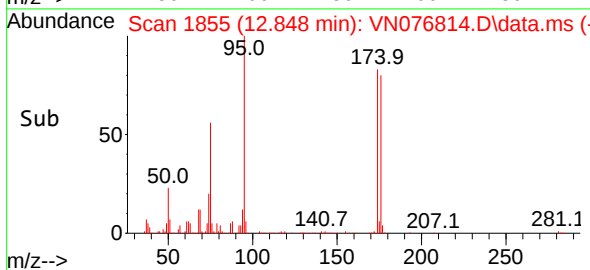
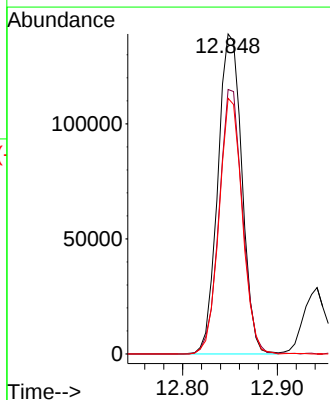
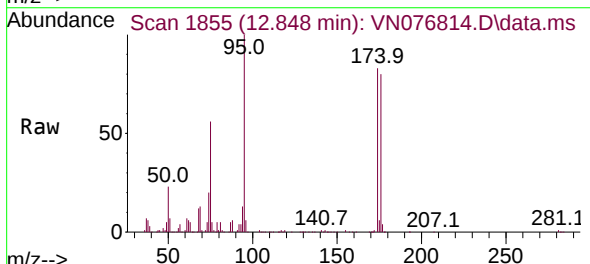
Manual Integrations
APPROVED

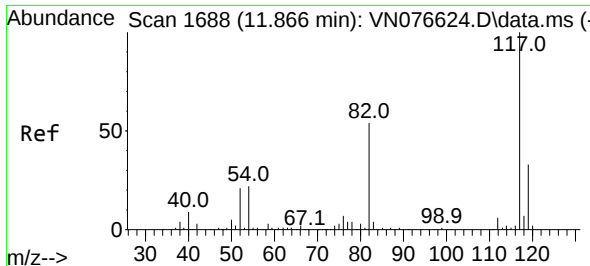
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 60.042 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

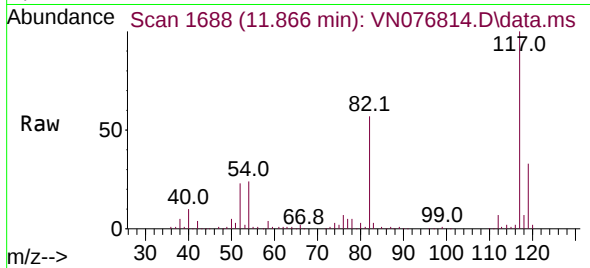
Tgt Ion: 95 Resp: 245876
Ion Ratio Lower Upper
95 100
174 80.2 0.0 169.2
176 77.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

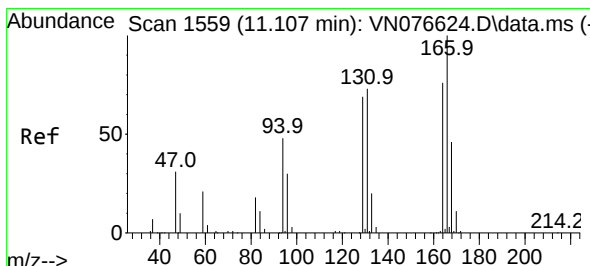
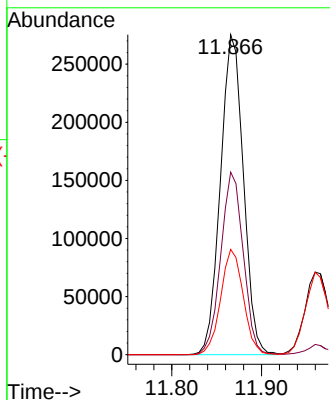
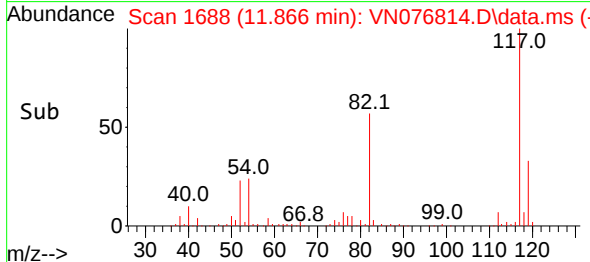
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 489734
Ion Ratio Lower Upper
117 100
82 57.1 43.4 65.2
119 32.9 26.1 39.1

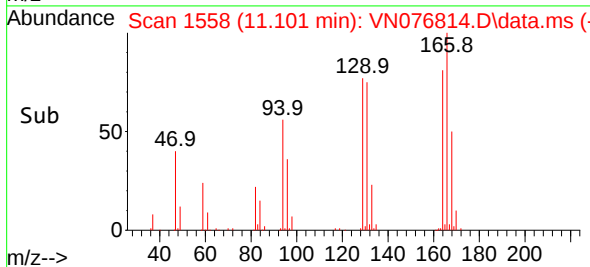
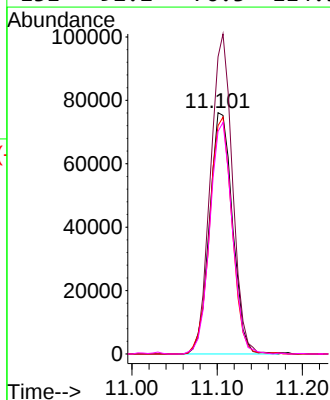
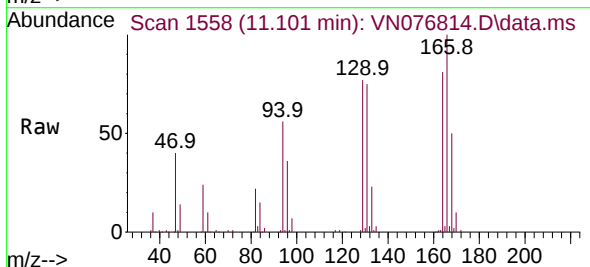
Manual Integrations
APPROVED

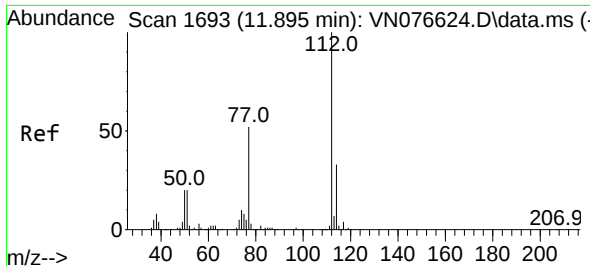
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
Tetrachloroethene
Concen: 46.336 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

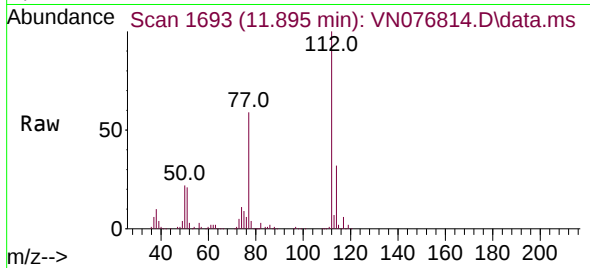
Tgt Ion:164 Resp: 143004
Ion Ratio Lower Upper
164 100
166 123.2 104.8 157.2
129 94.6 72.2 108.2
131 92.2 76.3 114.5





#65
Chlorobenzene
Concen: 49.228 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

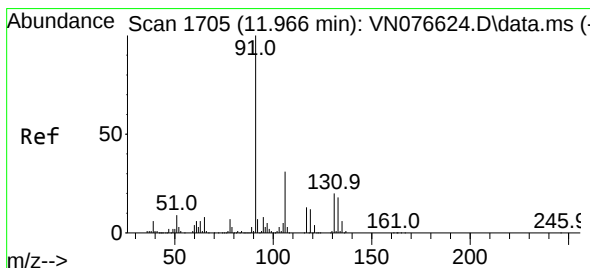
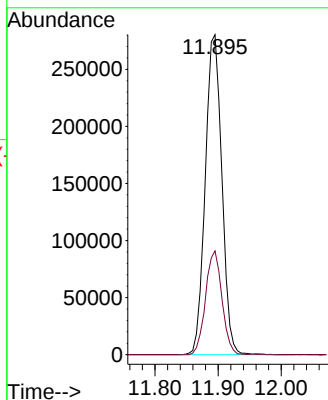
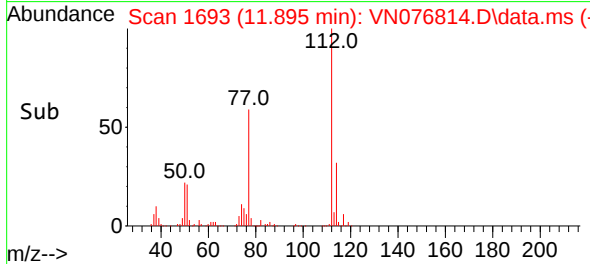
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 51092
Ion Ratio Lower Upper
112 100
114 32.5 26.4 39.6

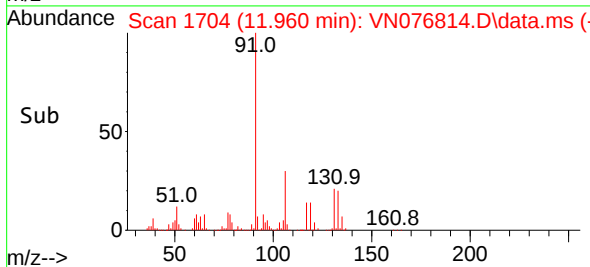
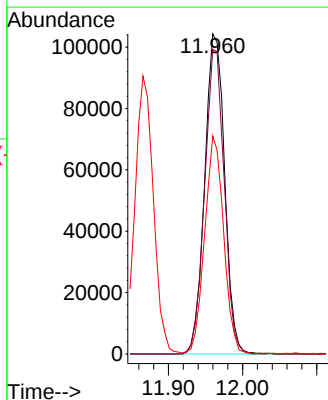
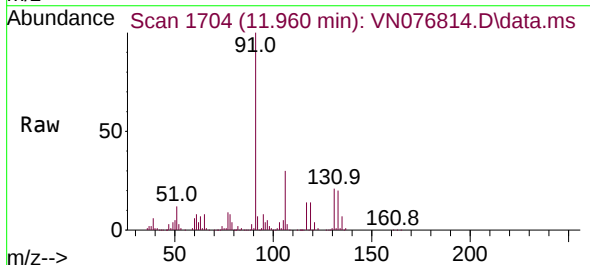
Manual Integrations
APPROVED

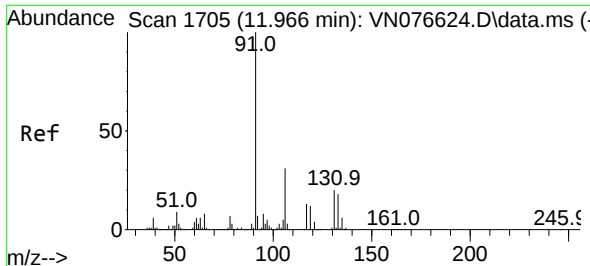
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.580 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

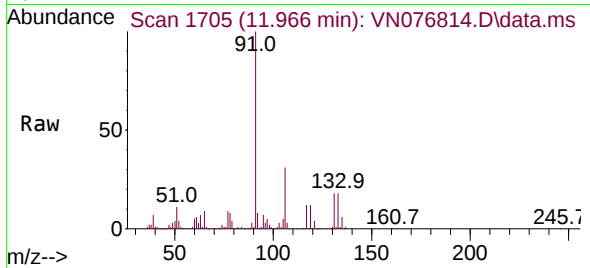
Tgt Ion:131 Resp: 194451
Ion Ratio Lower Upper
131 100
133 93.6 47.0 141.0
119 65.2 32.3 96.8





#67
Ethyl Benzene
Concen: 53.735 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

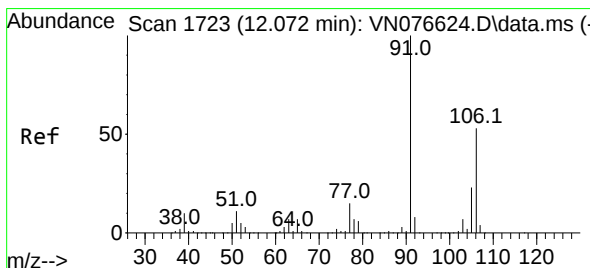
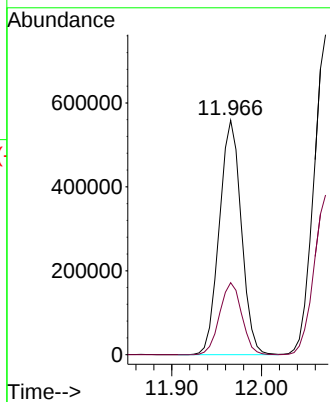
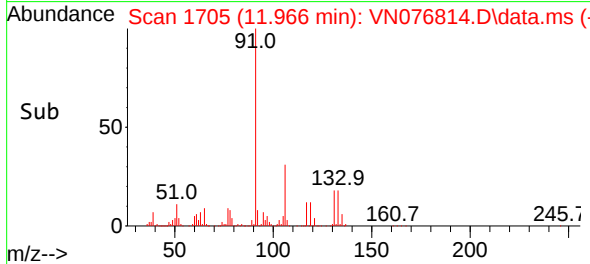
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



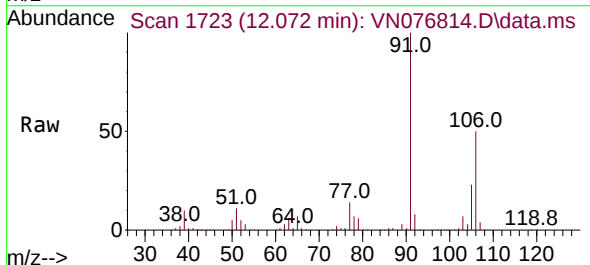
Tgt Ion: 91 Resp: 950138
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7

Manual Integrations
APPROVED

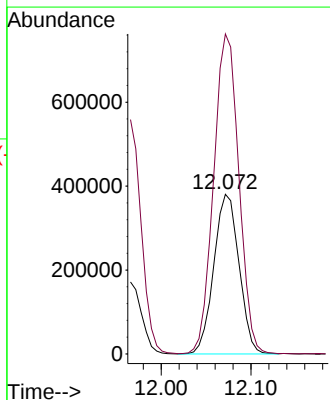
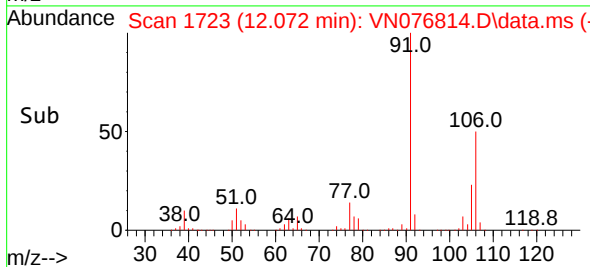
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

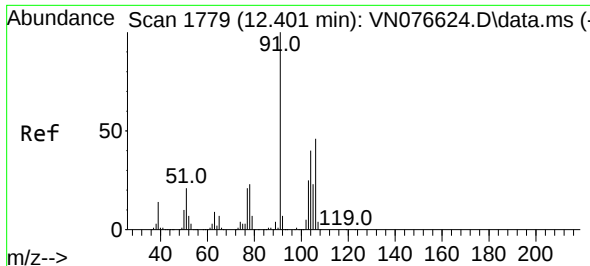


#68
m/p-Xylenes
Concen: 108.767 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion:106 Resp: 741318
Ion Ratio Lower Upper
106 100
91 200.7 154.7 232.1





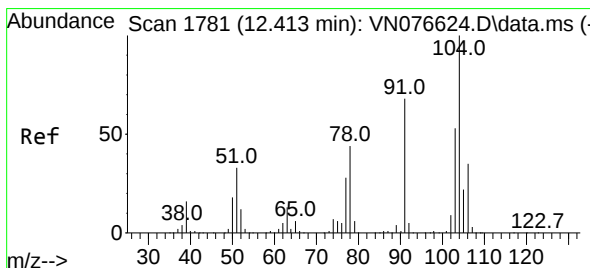
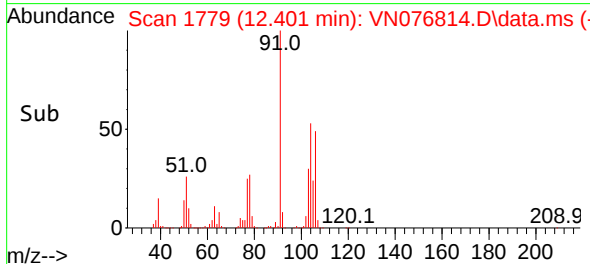
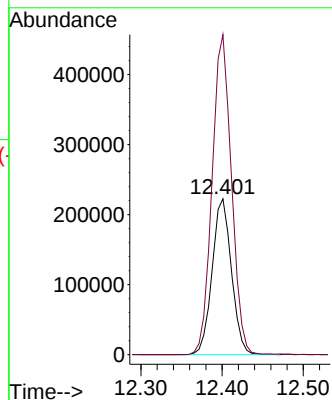
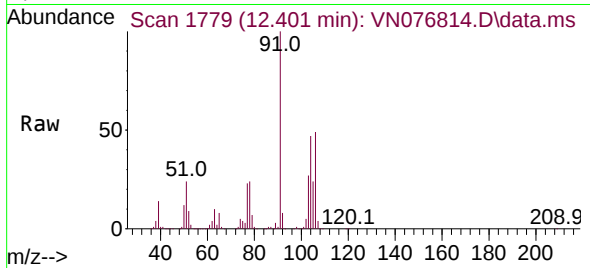
#69
o-Xylene
Concen: 55.279 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 367448
Ion Ratio Lower Upper
106 100
91 206.4 105.8 317.4

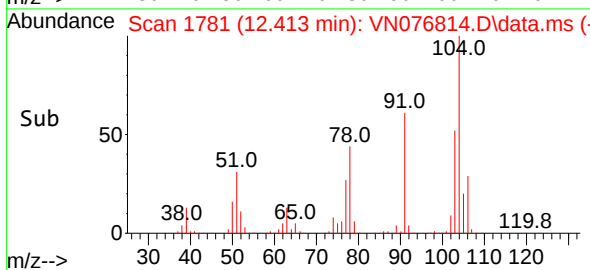
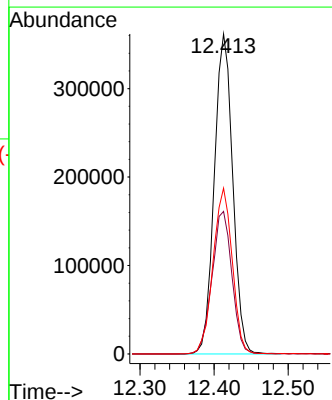
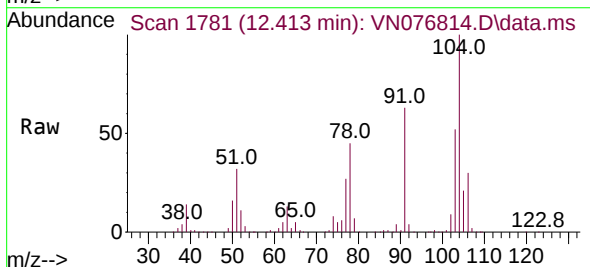
Manual Integrations
APPROVED

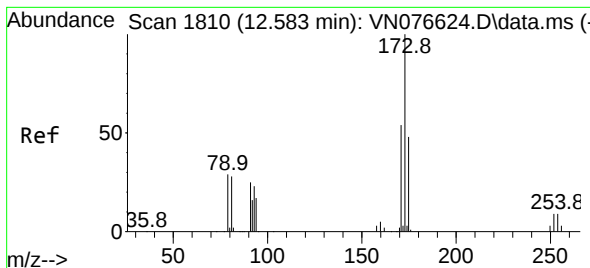
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 58.096 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Tgt Ion:104 Resp: 624471
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 54.1 44.2 66.4





#71

Bromoform

Concen: 53.197 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 147104

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.7

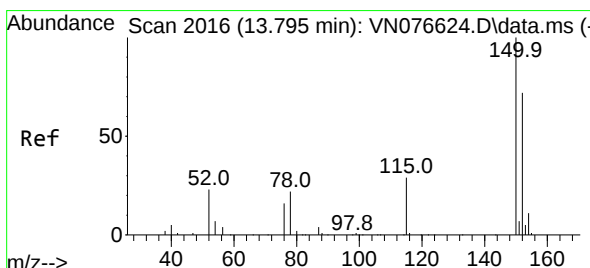
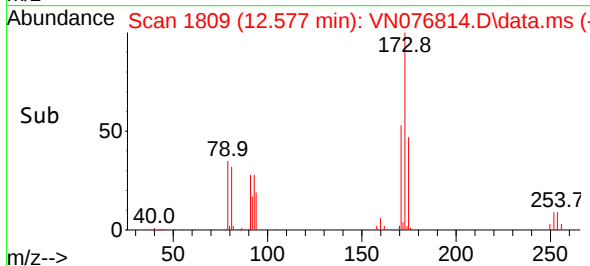
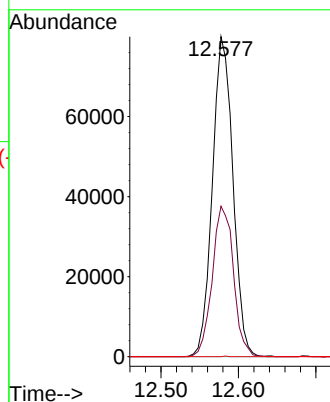
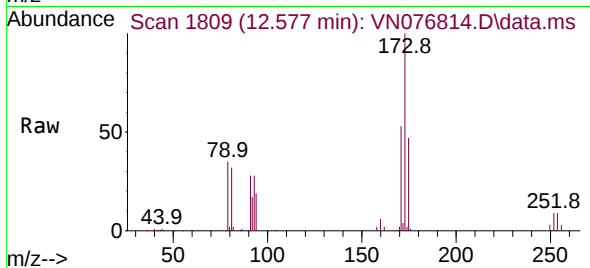
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076814.D

Acq: 27 Feb 2023 09:42

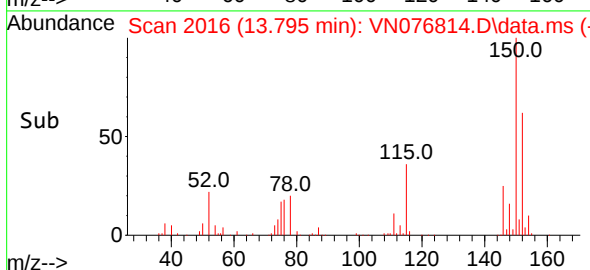
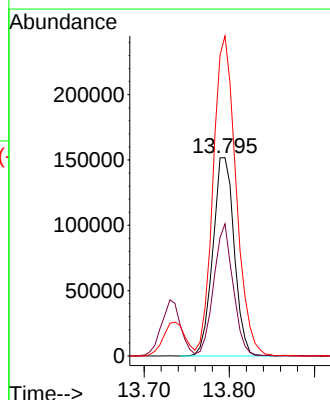
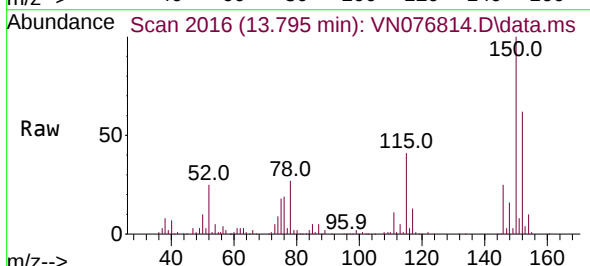
Tgt Ion:152 Resp: 264135

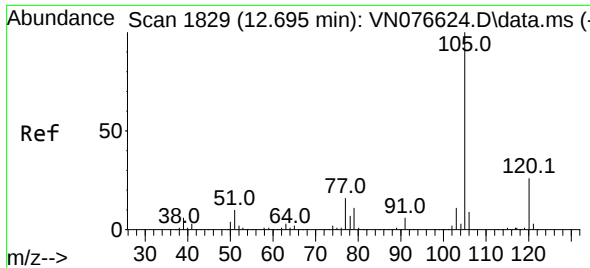
Ion Ratio Lower Upper

152 100

115 60.3 29.3 87.9

150 172.7 0.0 349.8





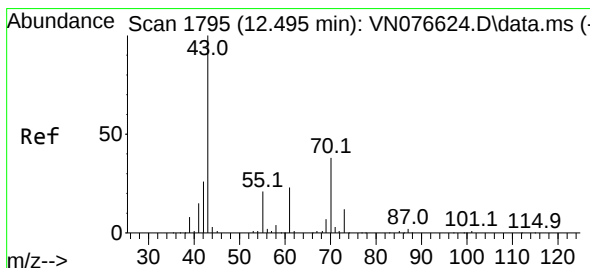
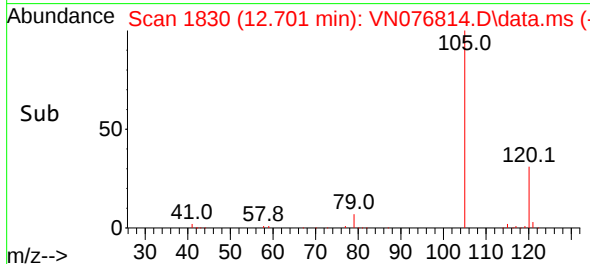
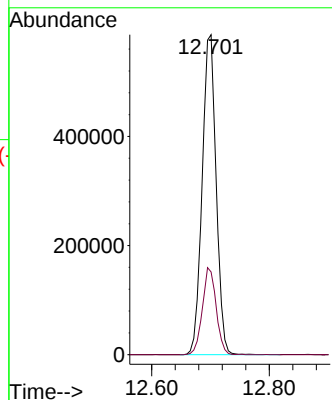
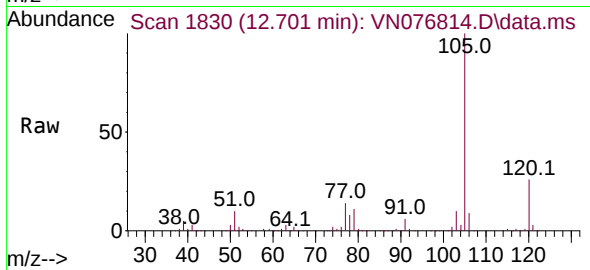
#73
Isopropylbenzene
Concen: 49.990 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 967809
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0

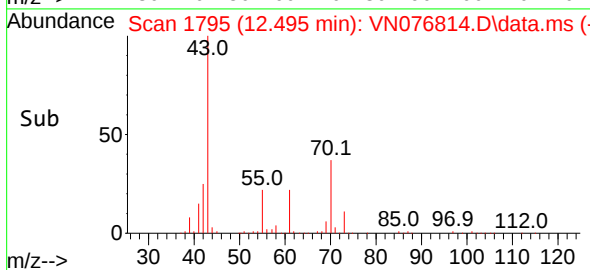
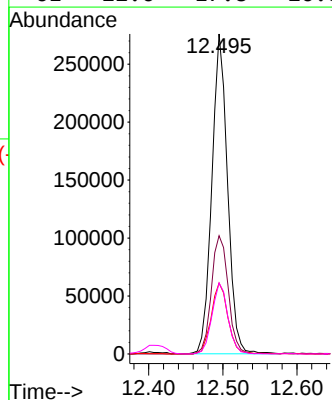
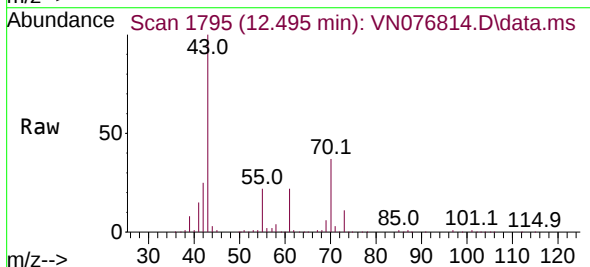
Manual Integrations
APPROVED

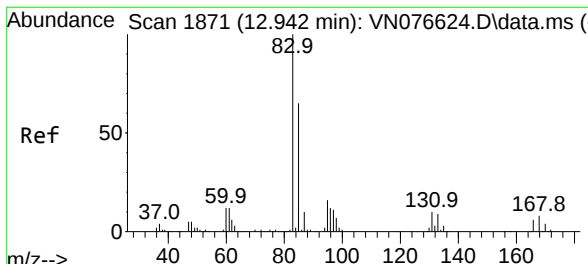
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 46.405 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

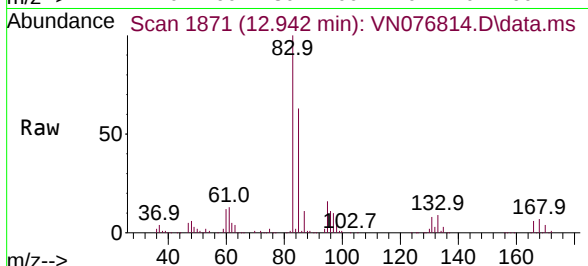
Tgt Ion: 43 Resp: 404947
Ion Ratio Lower Upper
43 100
70 39.8 30.5 45.7
55 23.6 17.8 26.8
61 22.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.918 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

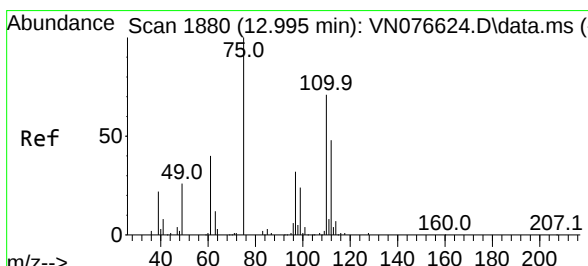
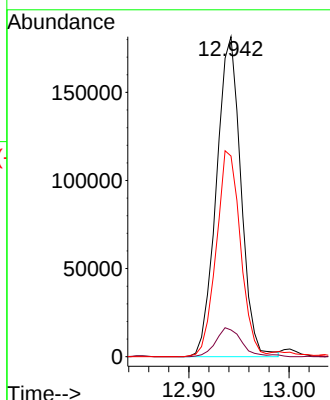
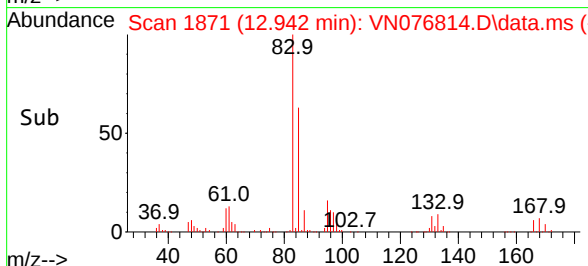
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 307774
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 63.8 31.8 95.3

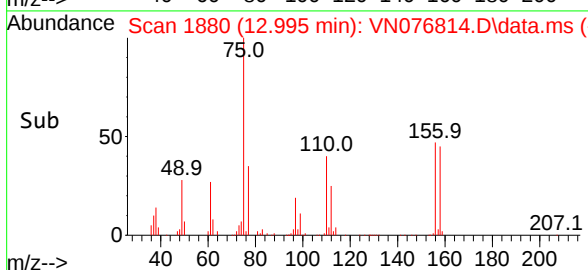
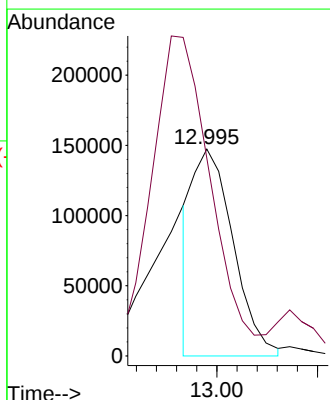
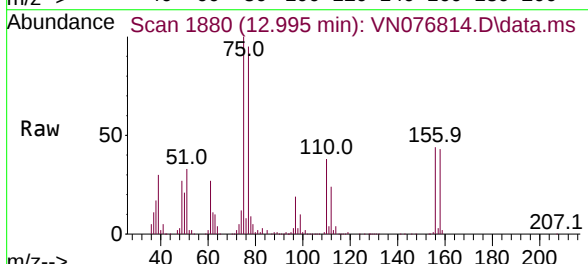
Manual Integrations
APPROVED

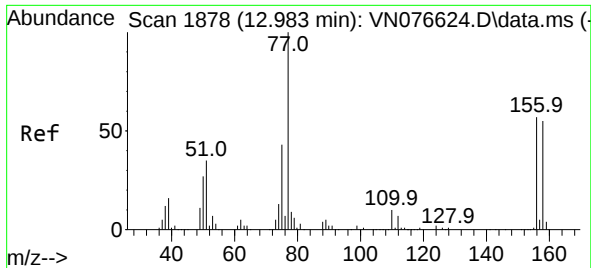
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#76
1,2,3-Trichloropropane
Concen: 38.810 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

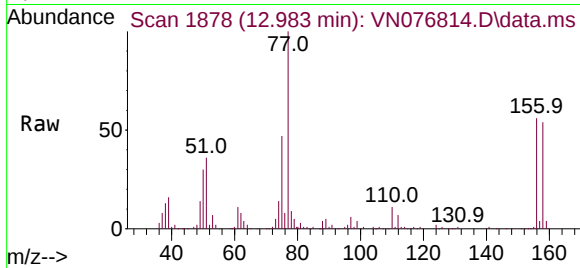
Tgt Ion: 75 Resp: 207247
Ion Ratio Lower Upper
75 100
77 224.7 93.1 279.3





#77
Bromobenzene
Concen: 45.447 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

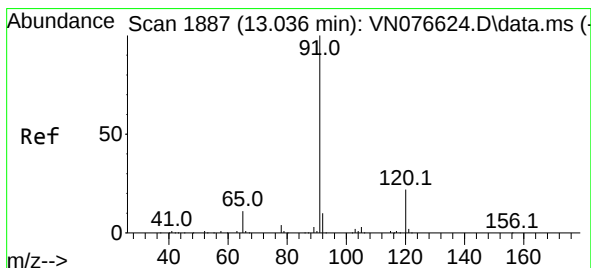
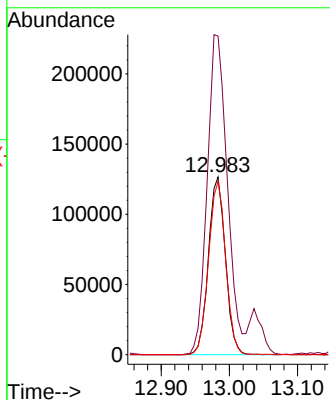
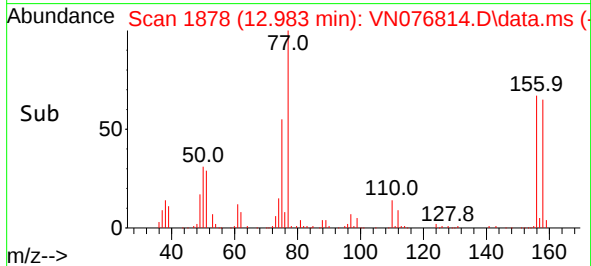
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



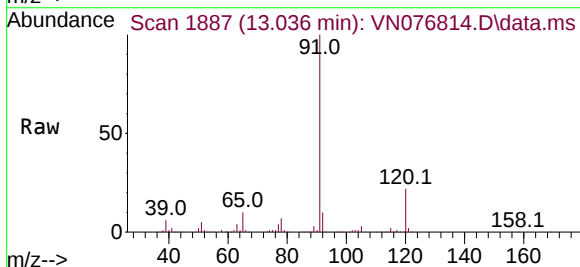
Tgt Ion:156 Resp: 21952
Ion Ratio Lower Upper
156 100
77 212.1 102.8 308.4
158 98.2 48.9 146.6

Manual Integrations
APPROVED

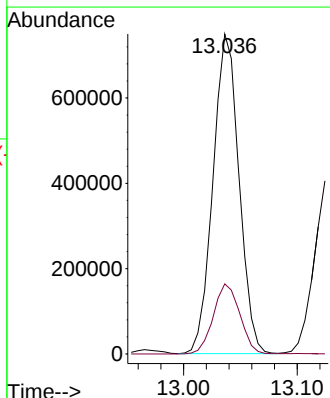
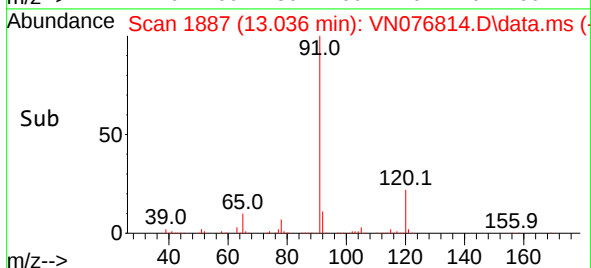
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

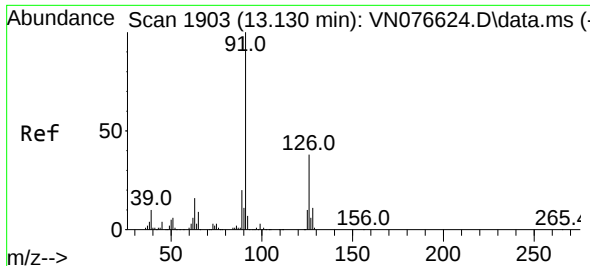


#78
n-propylbenzene
Concen: 52.480 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion: 91 Resp: 1193071
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.5





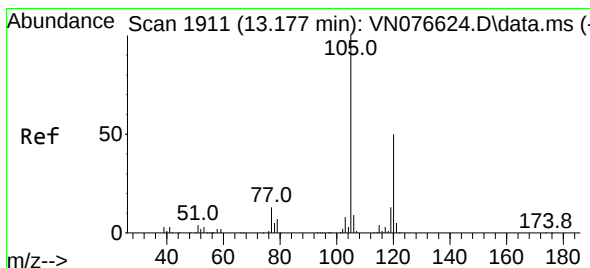
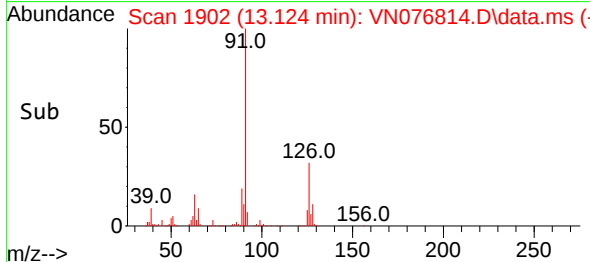
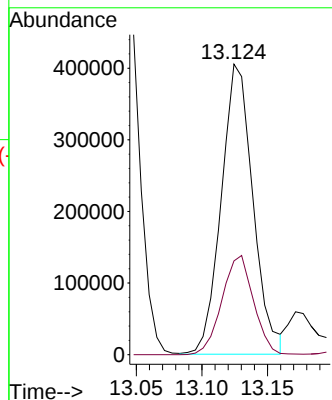
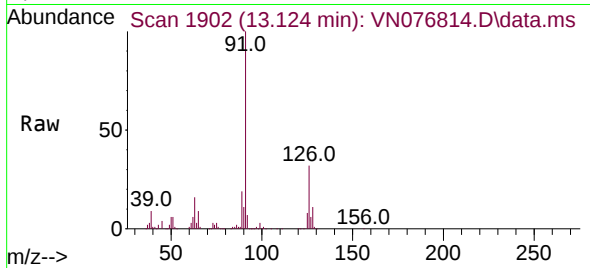
#79
2-Chlorotoluene
Concen: 49.007 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 682169
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1

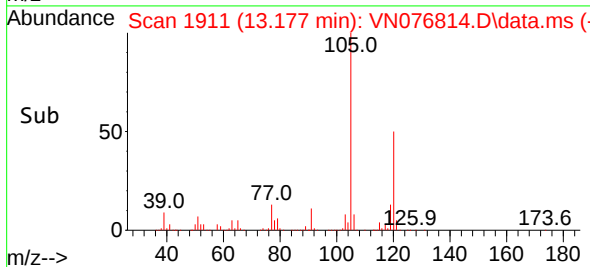
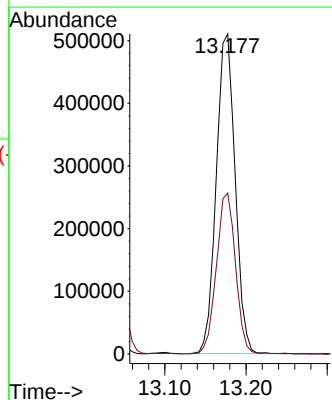
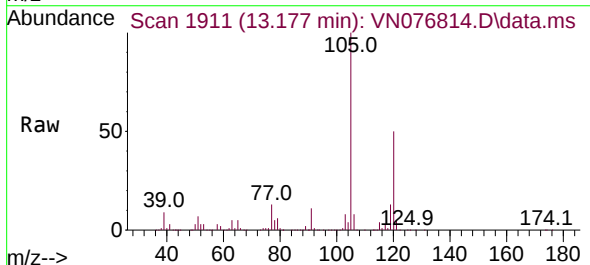
Manual Integrations
APPROVED

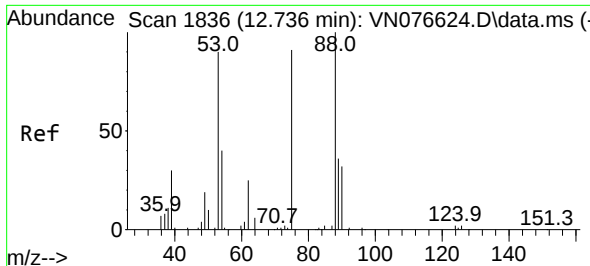
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.523 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

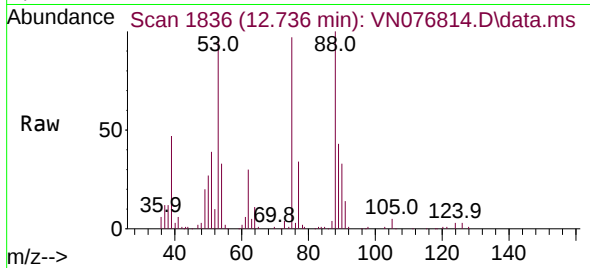
Tgt Ion:105 Resp: 824364
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.798 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

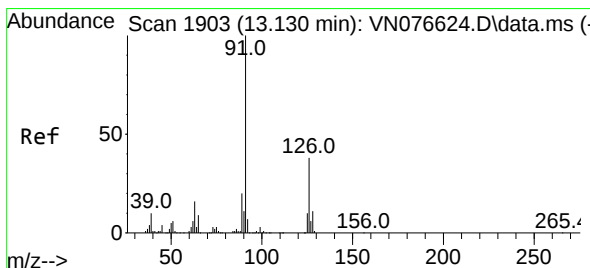
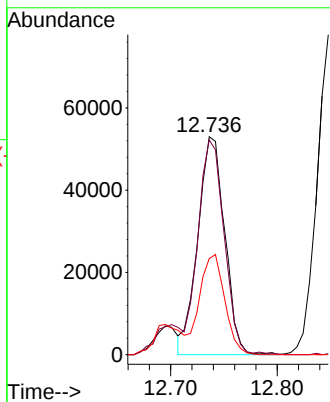
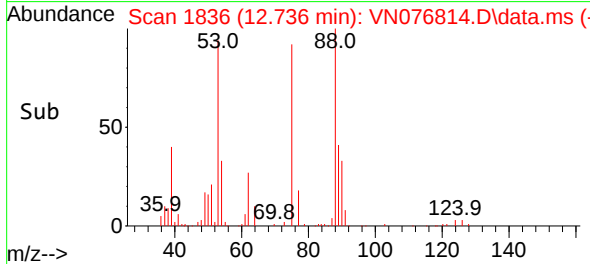
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



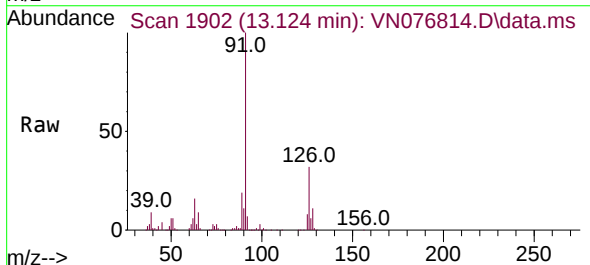
Tgt Ion: 75 Resp: 93130
Ion Ratio Lower Upper
75 100
53 109.4 92.1 138.1
89 43.3 37.5 56.3

Manual Integrations
APPROVED

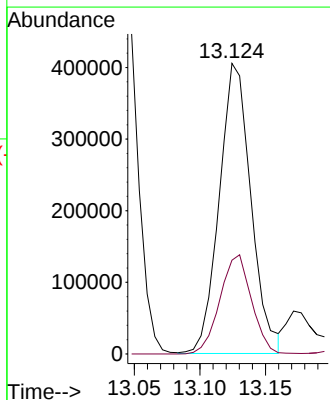
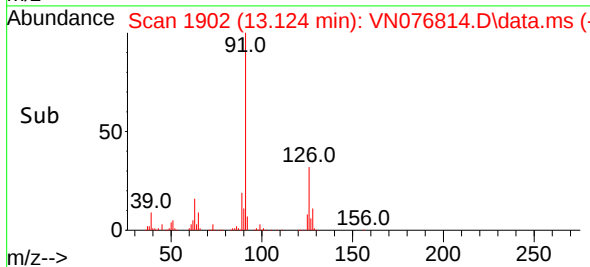
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

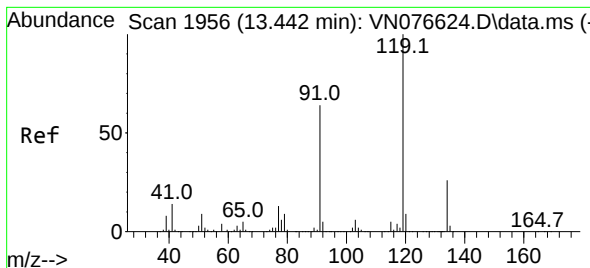


#82
4-Chlorotoluene
Concen: 49.007 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion: 91 Resp: 682169
Ion Ratio Lower Upper
91 100
126 34.0 17.7 53.1





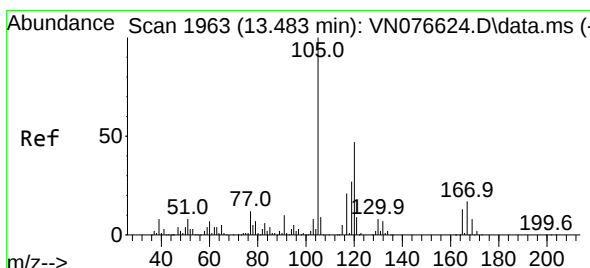
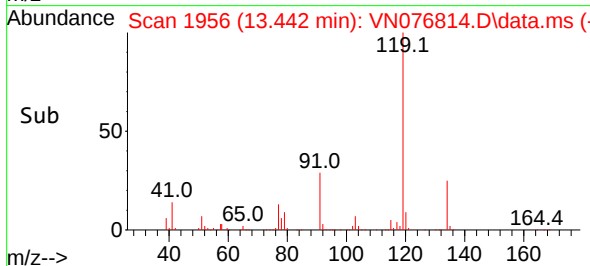
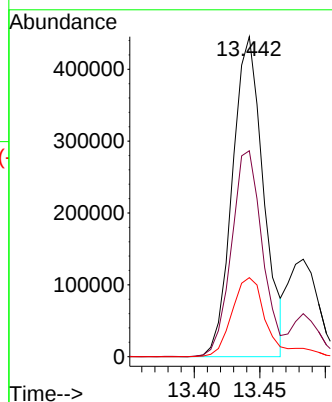
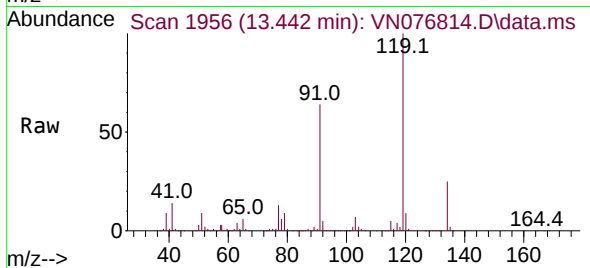
#83
tert-Butylbenzene
Concen: 50.724 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 734194
Ion Ratio Lower Upper
119 100
91 65.5 32.0 96.2
134 27.9 13.8 41.4

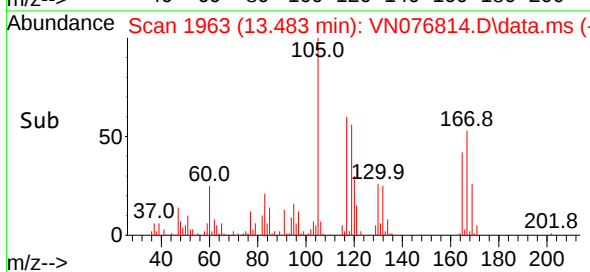
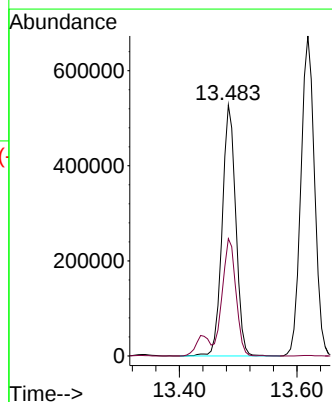
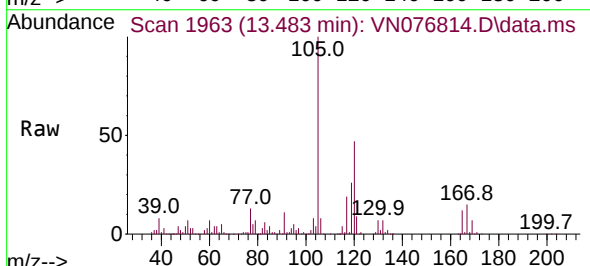
Manual Integrations
APPROVED

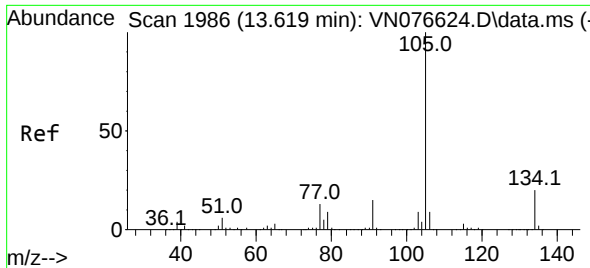
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.096 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

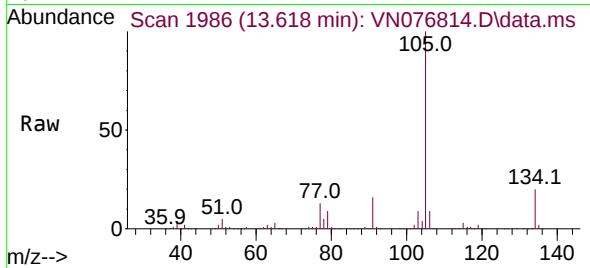
Tgt Ion:105 Resp: 846657
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 53.673 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42

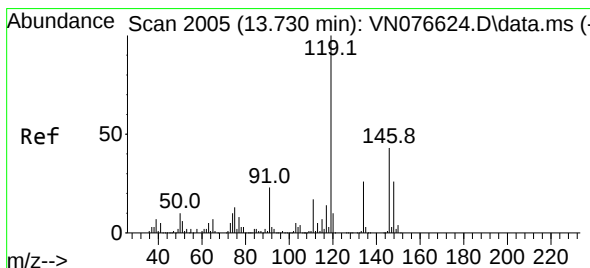
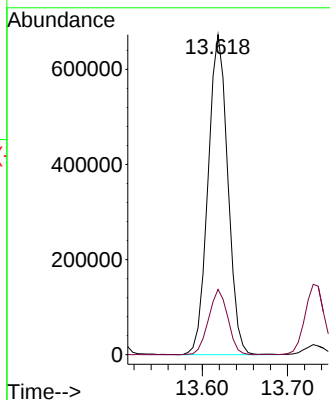
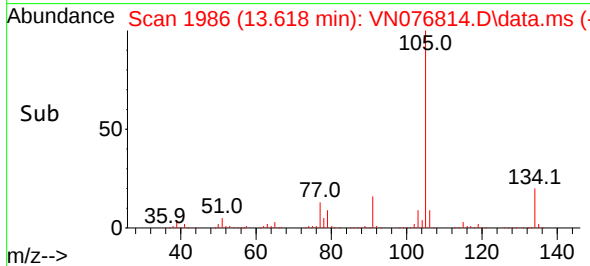
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



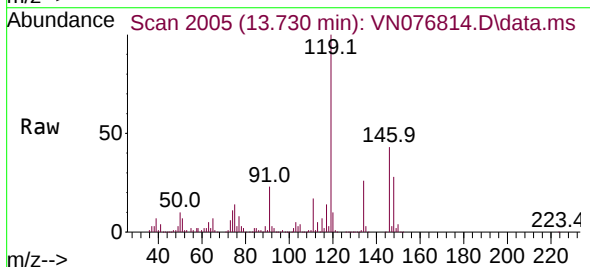
Tgt Ion:105 Resp: 1084625
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.5 31.5

Manual Integrations
 APPROVED

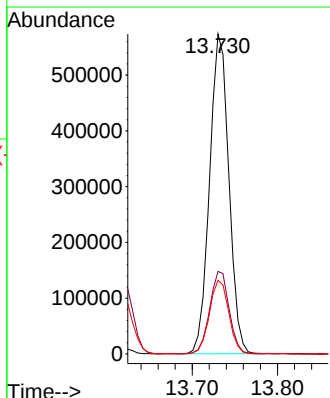
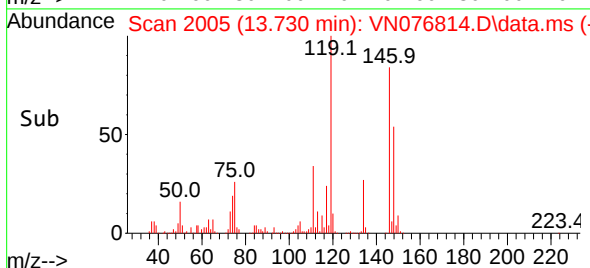
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

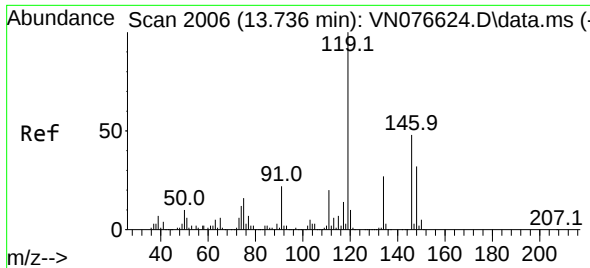


#86
 p-Isopropyltoluene
 Concen: 55.740 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076814.D
 Acq: 27 Feb 2023 09:42



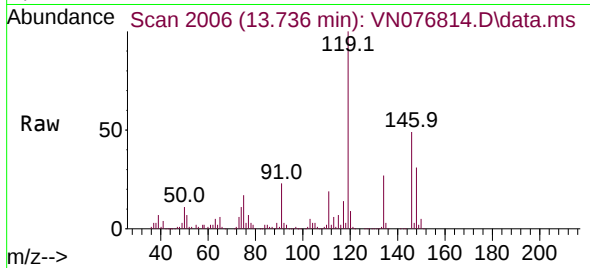
Tgt Ion:119 Resp: 899460
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.4 40.1
 91 23.0 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 49.503 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

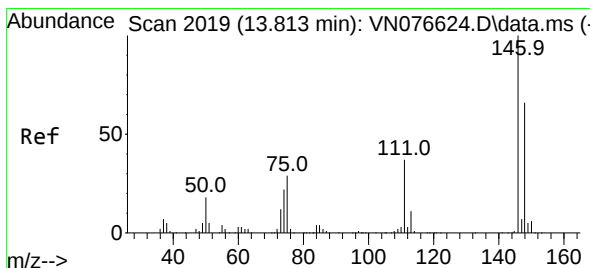
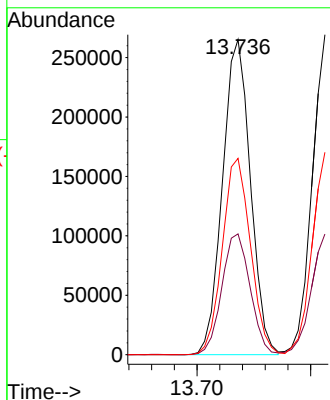
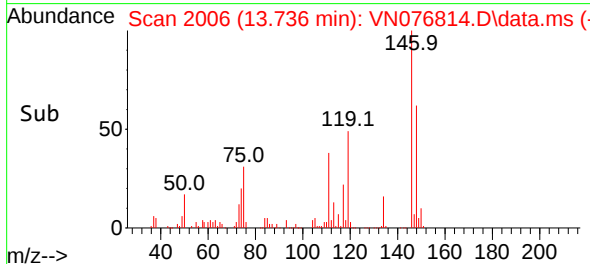
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



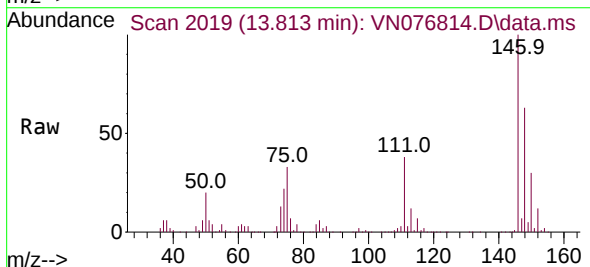
Tgt Ion:146 Resp: 452002
Ion Ratio Lower Upper
146 100
111 38.9 19.8 59.4
148 63.1 32.0 96.2

Manual Integrations
APPROVED

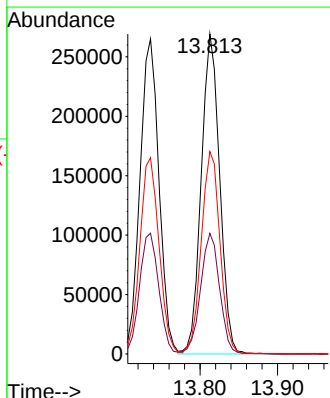
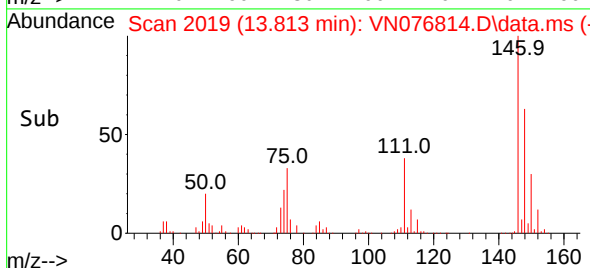
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

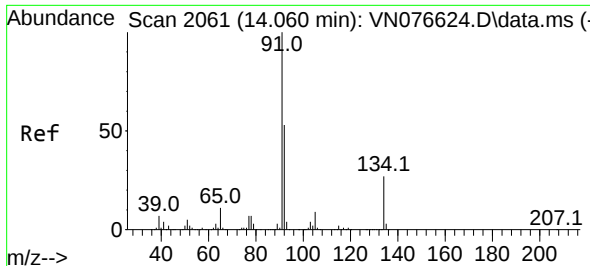


#88
1,4-Dichlorobenzene
Concen: 48.977 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion:146 Resp: 445332
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.1
148 64.3 32.7 98.1





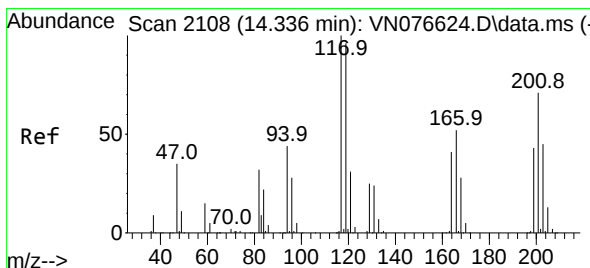
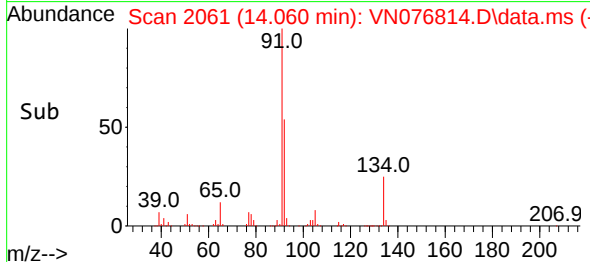
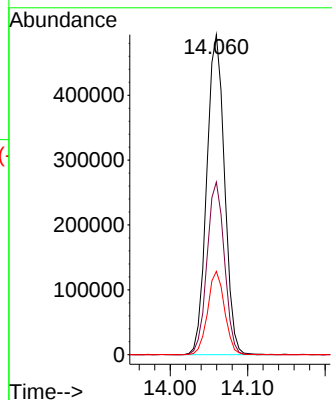
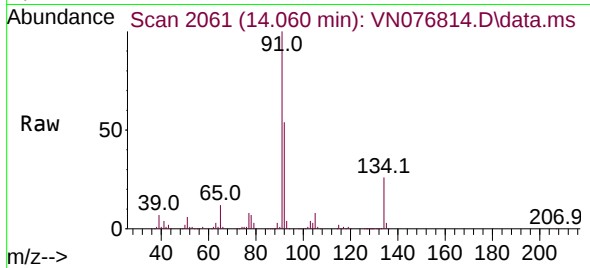
#89
n-Butylbenzene
Concen: 55.907 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 784654
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 24.8 13.2 39.5

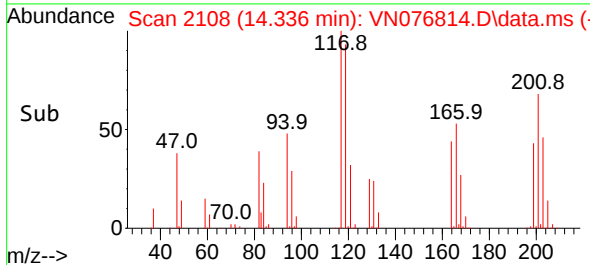
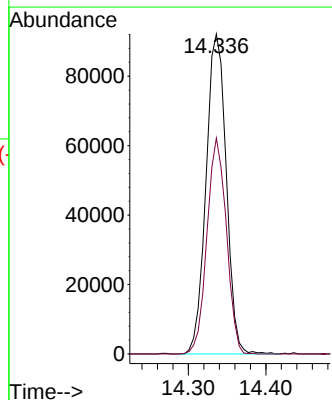
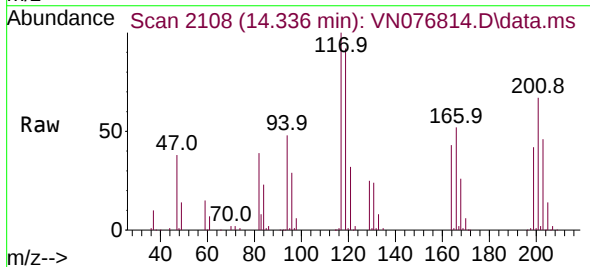
Manual Integrations
APPROVED

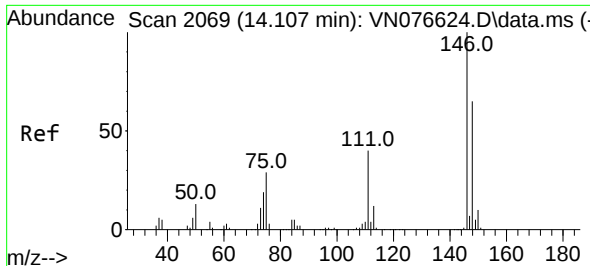
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 49.348 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

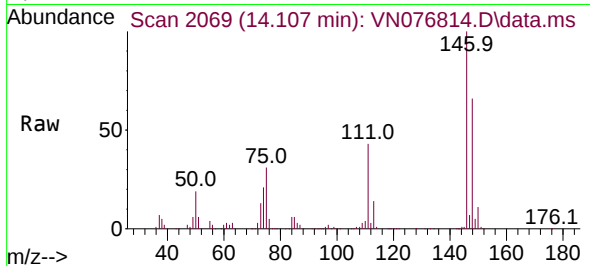
Tgt Ion:117 Resp: 166734
Ion Ratio Lower Upper
117 100
201 64.8 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 47.716 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

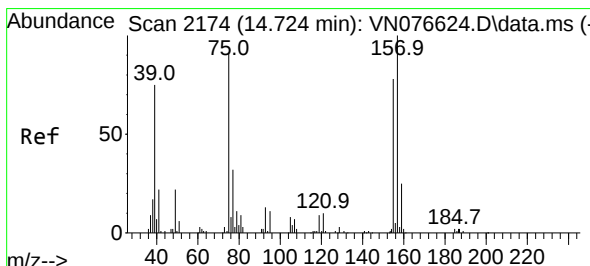
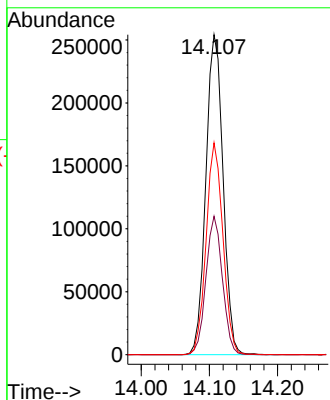
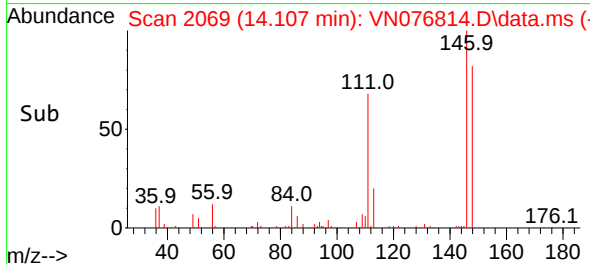
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



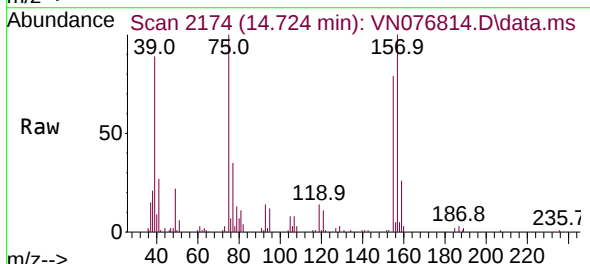
Tgt Ion:146 Resp: 446652
Ion Ratio Lower Upper
146 100
111 41.5 20.0 59.9
148 64.8 32.4 97.2

Manual Integrations
APPROVED

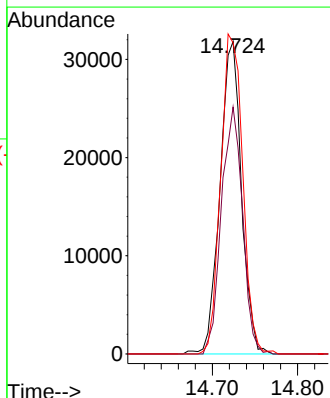
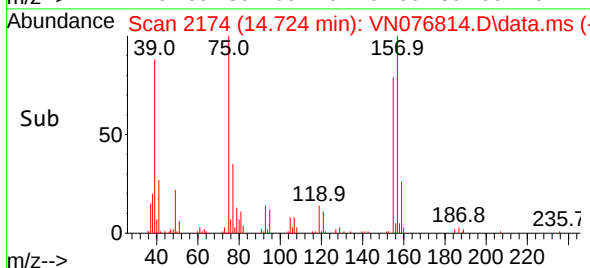
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

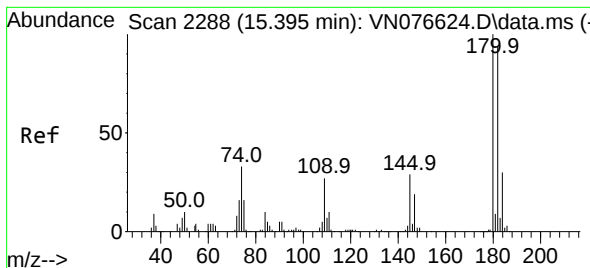


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.057 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



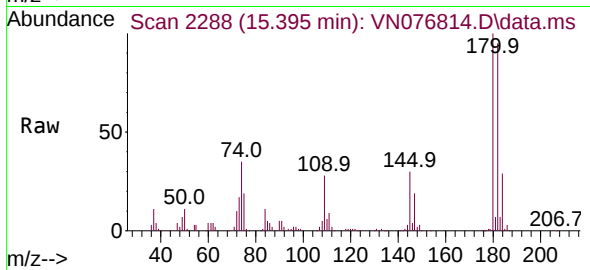
Tgt Ion: 75 Resp: 55743
Ion Ratio Lower Upper
75 100
155 77.7 43.4 130.2
157 104.8 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 48.407 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

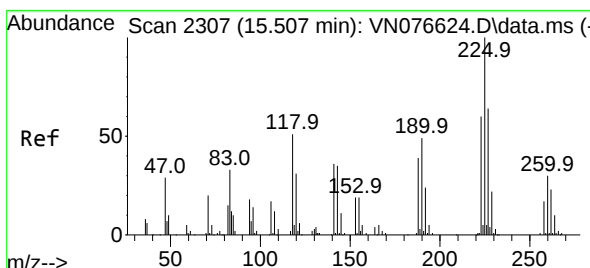
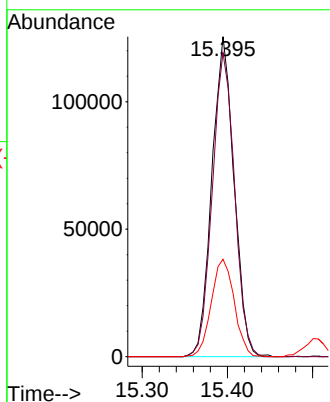
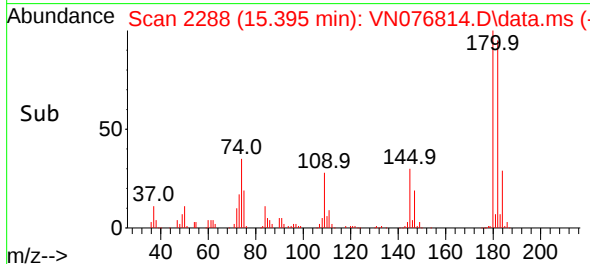
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



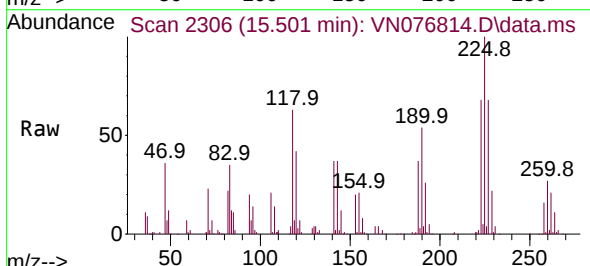
Tgt Ion:180 Resp: 226028
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.0
145 31.6 15.2 45.6

Manual Integrations
APPROVED

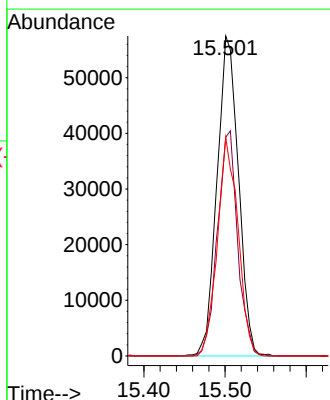
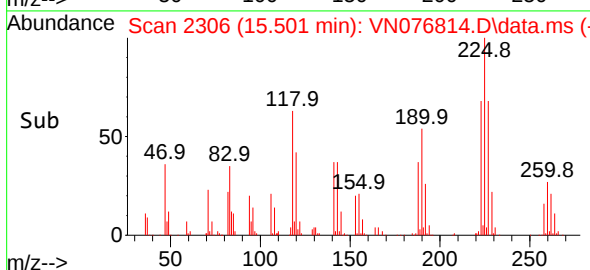
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

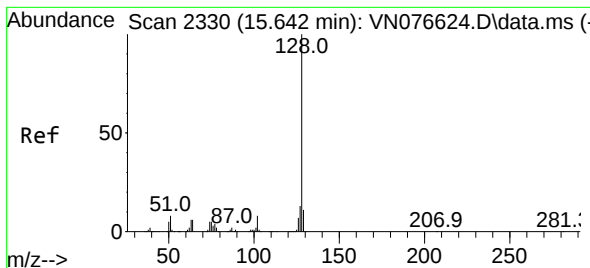


#94
Hexachlorobutadiene
Concen: 46.170 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



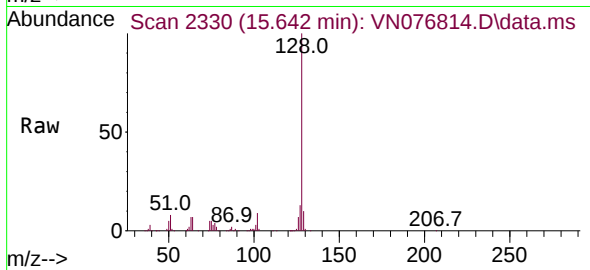
Tgt Ion:225 Resp: 105661
Ion Ratio Lower Upper
225 100
223 66.0 31.6 95.0
227 65.6 31.3 93.9





#95
Naphthalene
Concen: 48.422 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42

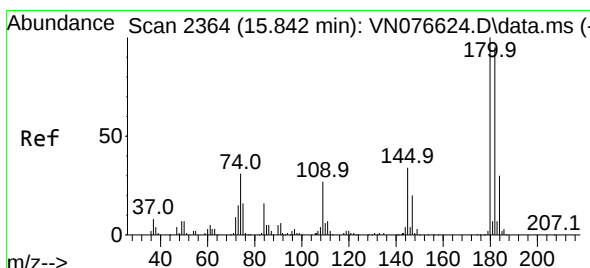
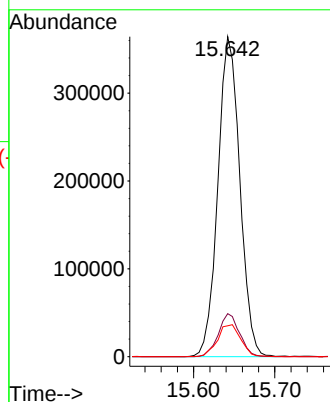
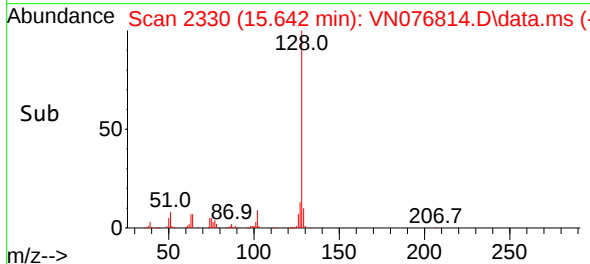
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



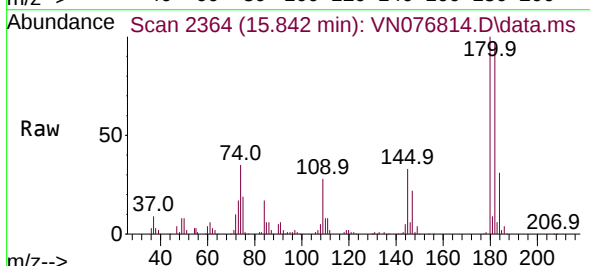
Tgt Ion:128 Resp: 686109
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.948 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076814.D
Acq: 27 Feb 2023 09:42



Tgt Ion:180 Resp: 216904
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.1
145 33.5 16.0 47.9

