

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076744.D
 Acq On : 21 Feb 2023 09:59
 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 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:10:09 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	299043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	531603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	513731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	269746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	220419	53.379	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	8.172	113	172672	49.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	10.572	98	710053	54.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.854	95	256845	59.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	141743	44.639	ug/l	97
3) Chloromethane	2.378	50	176336	42.565	ug/l	98
4) Vinyl Chloride	2.525	62	188318	46.187	ug/l	94
5) Bromomethane	2.949	94	122207	49.467	ug/l	92
6) Chloroethane	3.125	64	132384	51.377	ug/l	99
7) Trichlorofluoromethane	3.507	101	242746	43.757	ug/l	92
8) Diethyl Ether	3.972	74	101354	47.413	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	148313	45.500	ug/l	100
10) Methyl Iodide	4.601	142	205957	51.164	ug/l	98
11) Tert butyl alcohol	5.531	59	129988	238.484	ug/l	96
12) 1,1-Dichloroethene	4.354	96	138867	44.989	ug/l	99
13) Acrolein	4.190	56	180367	220.416	ug/l	98
14) Allyl chloride	5.037	41	255034	47.685	ug/l	99
15) Acrylonitrile	5.731	53	480556	248.429	ug/l	100
16) Acetone	4.437	43	448084	242.926	ug/l	93
17) Carbon Disulfide	4.725	76	362557	44.487	ug/l	99
18) Methyl Acetate	5.031	43	294204	48.864	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	532738	51.193	ug/l	99
20) Methylene Chloride	5.295	84	178227	46.104	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	158713	45.678	ug/l	86
22) Diisopropyl ether	6.678	45	667252	53.192	ug/l	95
23) Vinyl Acetate	6.613	43	2174525	292.984	ug/l	99
24) 1,1-Dichloroethane	6.578	63	327565	47.646	ug/l	97
25) 2-Butanone	7.489	43	681349	250.421	ug/l	95
26) 2,2-Dichloropropane	7.501	77	255288	51.481	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	198332	48.126	ug/l	96
28) Bromochloromethane	7.819	49	171449	52.397	ug/l	89
29) Tetrahydrofuran	7.842	42	452218	254.391	ug/l	100
30) Chloroform	7.972	83	346553	50.452	ug/l	93
31) Cyclohexane	8.266	56	301915	46.610	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	287004	49.694	ug/l	96
36) 1,1-Dichloropropene	8.378	75	247640	49.233	ug/l	98
37) Ethyl Acetate	7.566	43	284553	53.768	ug/l	98
38) Carbon Tetrachloride	8.372	117	242252	47.742	ug/l	98
39) Methylcyclohexane	9.607	83	297671	52.063	ug/l	96
40) Benzene	8.613	78	778959	50.429	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	152911	49.875	ug/l	95
42) 1,2-Dichloroethane	8.678	62	270205	50.155	ug/l	100
43) Isopropyl Acetate	8.695	43	462353	53.689	ug/l	99
44) Trichloroethene	9.354	130	176577	48.374	ug/l	98
45) 1,2-Dichloropropane	9.625	63	208099	50.892	ug/l	95
46) Dibromomethane	9.713	93	135591	51.868	ug/l	96
47) Bromodichloromethane	9.889	83	277325	52.914	ug/l #	96
48) Methyl methacrylate	9.683	41	217747	53.285	ug/l	98
49) 1,4-Dioxane	9.695	88	70557	998.145	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1475039	269.209	ug/l	99
52) Toluene	10.630	92	510015	54.688	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	292733	57.867	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	318338	54.556	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	198766	52.415	ug/l	94
56) Ethyl methacrylate	10.877	69	300818	56.356	ug/l	97
57) 1,3-Dichloropropane	11.166	76	343843	52.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	673287	275.419	ug/l	96
59) 2-Hexanone	11.201	43	1083623	274.289	ug/l	99
60) Dibromochloromethane	11.360	129	211462	52.909	ug/l	97
61) 1,2-Dibromoethane	11.471	107	194997	51.372	ug/l	99
64) Tetrachloroethene	11.107	164	148579	45.893	ug/l	94
65) Chlorobenzene	11.895	112	537790	49.396	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	198899	50.296	ug/l	99
67) Ethyl Benzene	11.966	91	992741	53.521	ug/l	100
68) m/p-Xylenes	12.071	106	776811	108.651	ug/l	97
69) o-Xylene	12.401	106	385694	55.314	ug/l	97
70) Styrene	12.413	104	644997	57.202	ug/l	100
71) Bromoform	12.583	173	153144	52.795	ug/l #	99
73) Isopropylbenzene	12.695	105	997225	50.438	ug/l	99
74) N-amyl acetate	12.495	43	429162	48.157	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	316892	44.279	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	255328m	46.819	ug/l	
77) Bromobenzene	12.983	156	230203	46.667	ug/l	98
78) n-propylbenzene	13.036	91	1230575	53.004	ug/l	99
79) 2-Chlorotoluene	13.130	91	696830	49.019	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	865548	52.972	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	108383	57.884	ug/l #	79
82) 4-Chlorotoluene	13.130	91	696830	49.019	ug/l	100
83) tert-Butylbenzene	13.442	119	758224	51.295	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	862520	52.965	ug/l	99
85) sec-Butylbenzene	13.618	105	1107265	53.653	ug/l	99
86) p-Isopropyltoluene	13.730	119	927490	56.281	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	467584	50.145	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	458958	49.426	ug/l	99
89) n-Butylbenzene	14.060	91	810372	56.539	ug/l	100
90) Hexachloroethane	14.336	117	165632	48.002	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	469850	49.150	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	56540	40.778	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	242053	50.761	ug/l	99
94) Hexachlorobutadiene	15.507	225	113296	48.477	ug/l	98
95) Naphthalene	15.648	128	754275	52.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	232669	50.363	ug/l	96

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

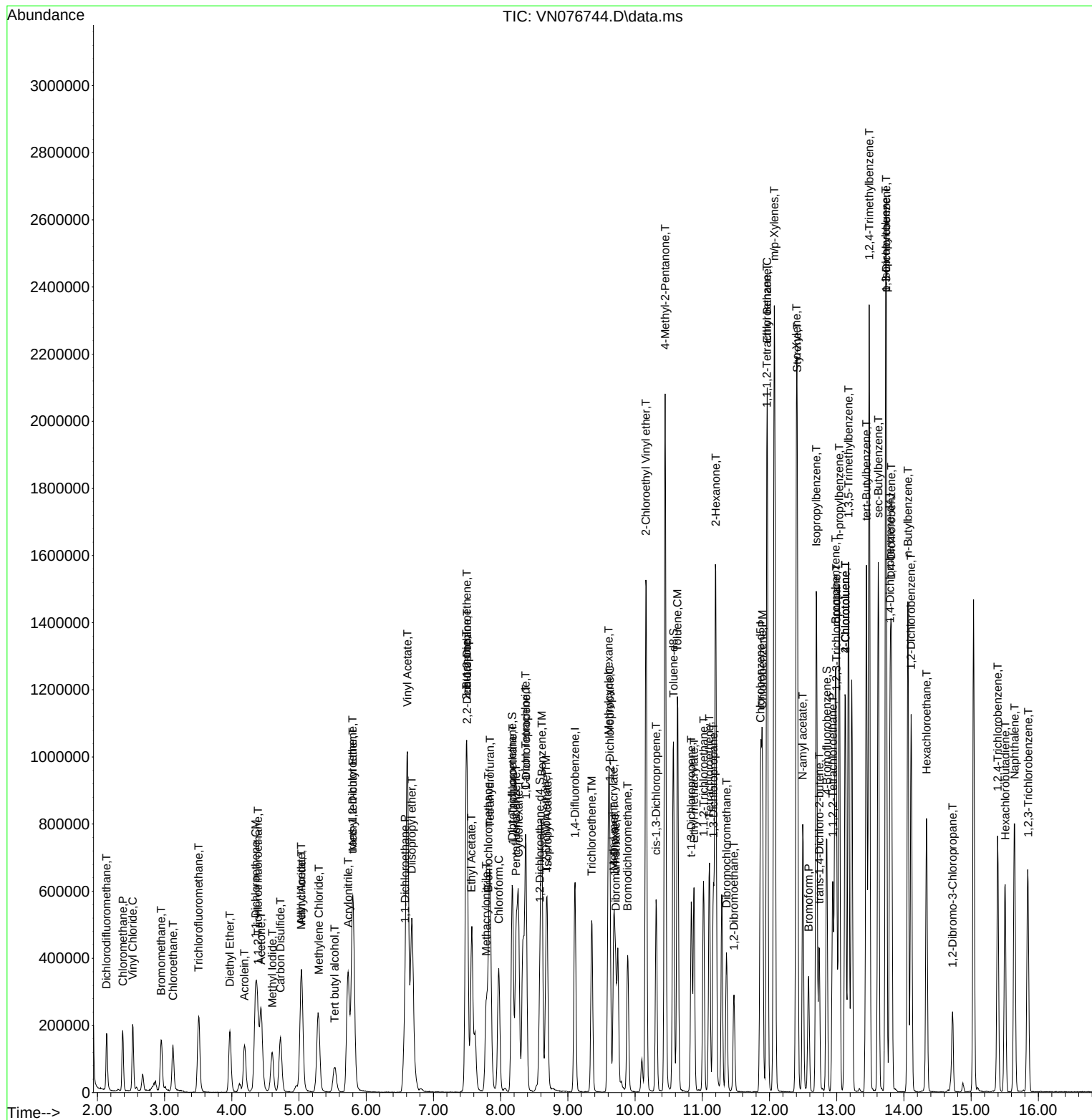
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
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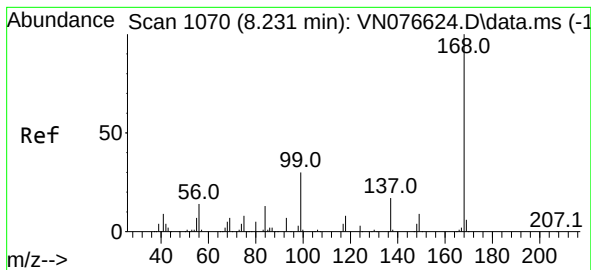
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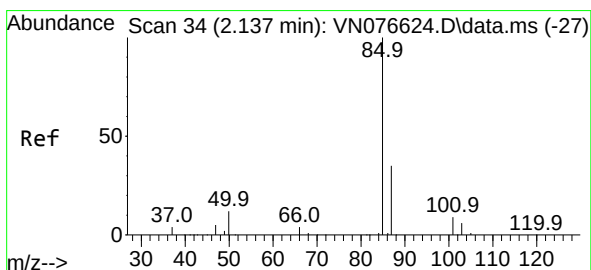
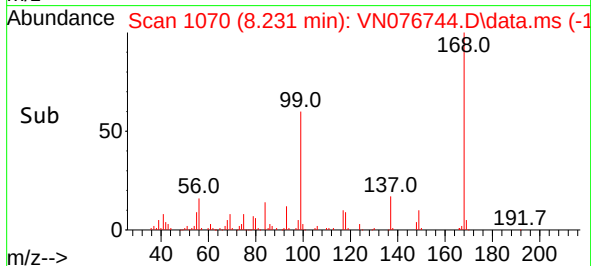
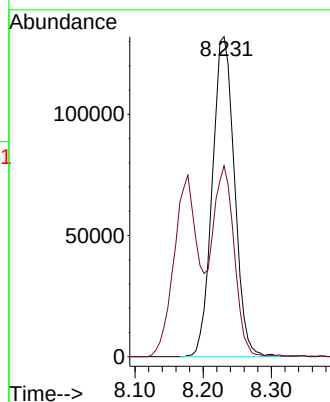
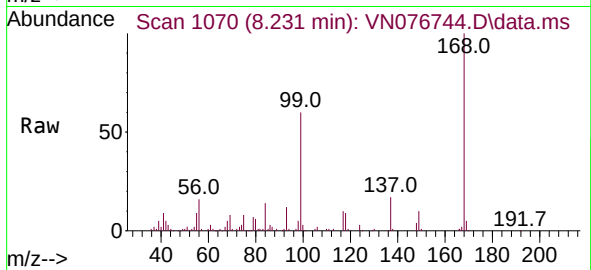
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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MSVOA_N
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Tgt Ion:168 Resp: 29904
Ion Ratio Lower Upper
168 100
99 59.1 44.8 67.2

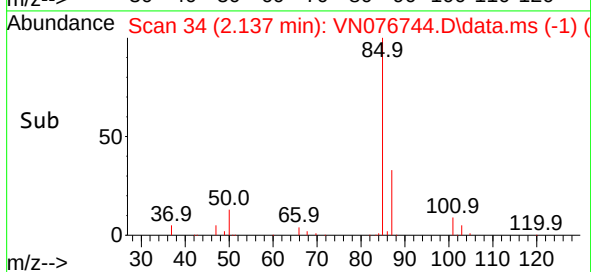
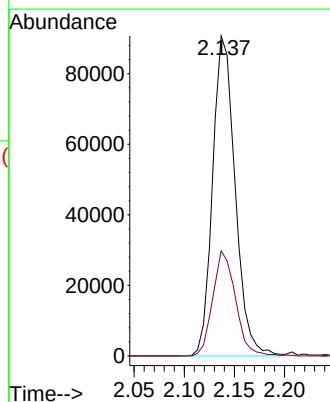
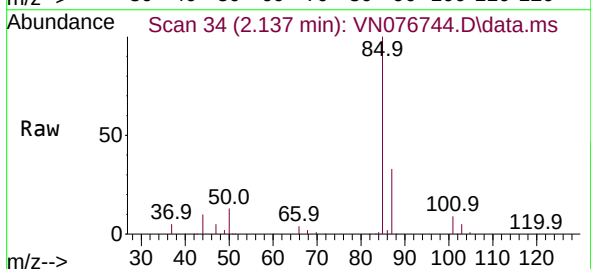
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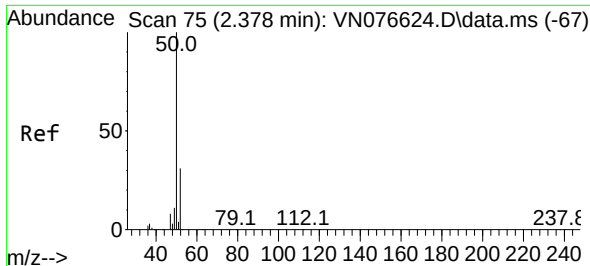
Reviewed By :John Carlone 02/22/2023
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#2
Dichlorodifluoromethane
Concen: 44.639 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076744.D
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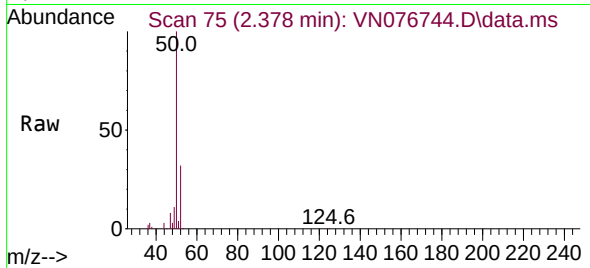
Tgt Ion: 85 Resp: 141743
Ion Ratio Lower Upper
85 100
87 32.9 17.4 52.2





#3
Chloromethane
Concen: 42.565 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076744.D
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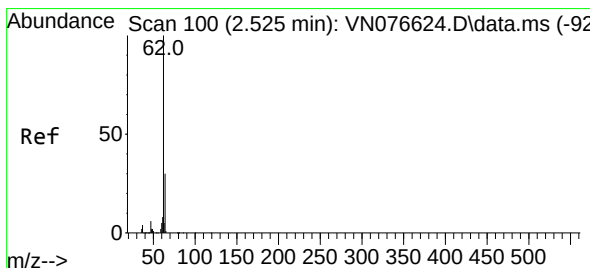
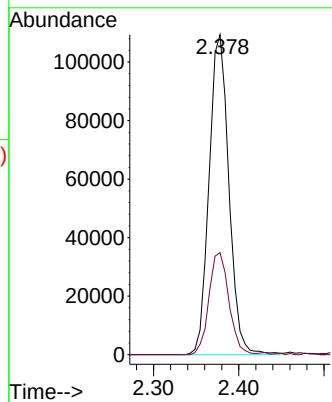
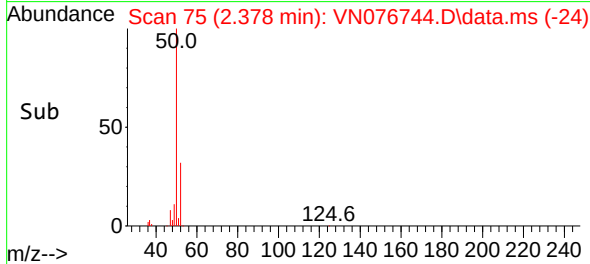
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 176330
Ion Ratio Lower Upper
50 100
52 31.9 24.7 37.1

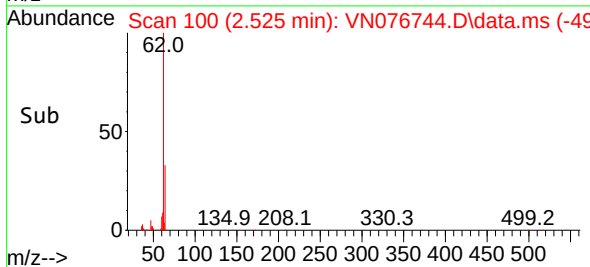
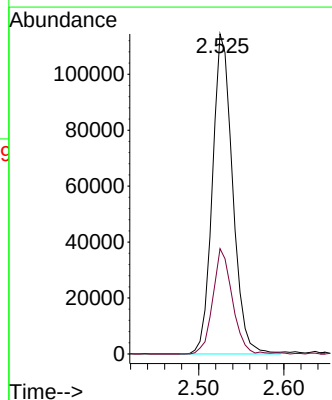
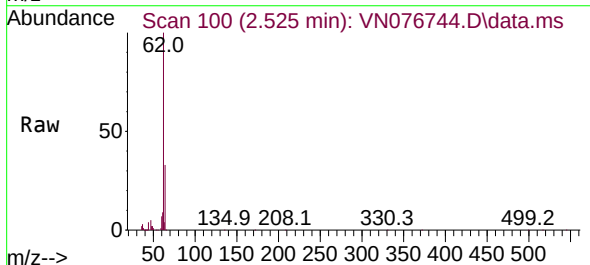
Manual Integrations
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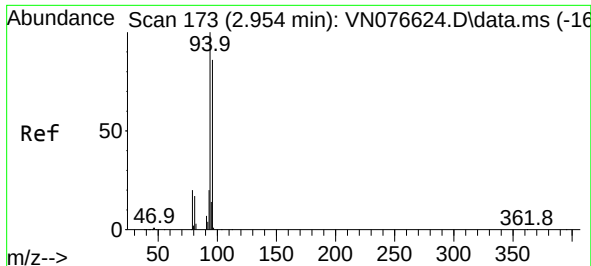
Reviewed By :John Carlone 02/22/2023
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#4
Vinyl Chloride
Concen: 46.187 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076744.D
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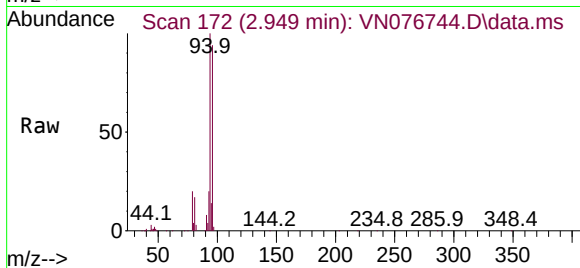
Tgt Ion: 62 Resp: 188318
Ion Ratio Lower Upper
62 100
64 32.9 23.9 35.9





#5
Bromomethane
Concen: 49.467 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076744.D
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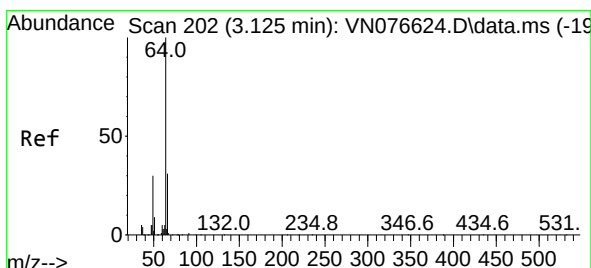
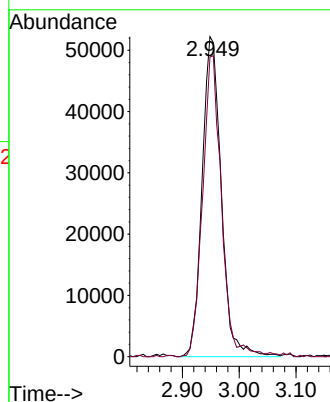
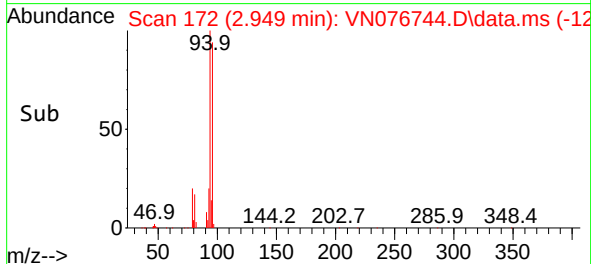
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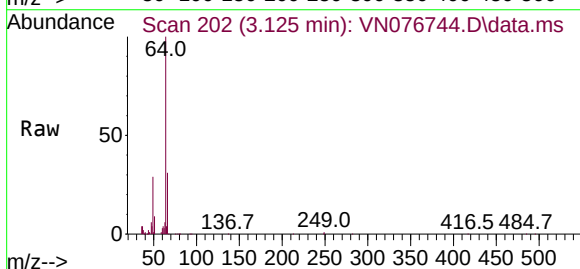
Tgt Ion: 94 Resp: 12220
Ion Ratio Lower Upper
94 100
96 93.6 69.0 103.4

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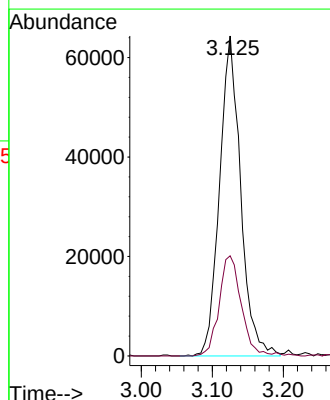
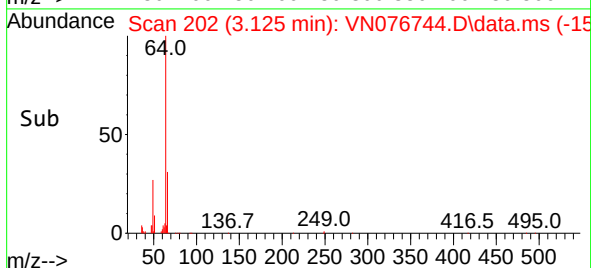
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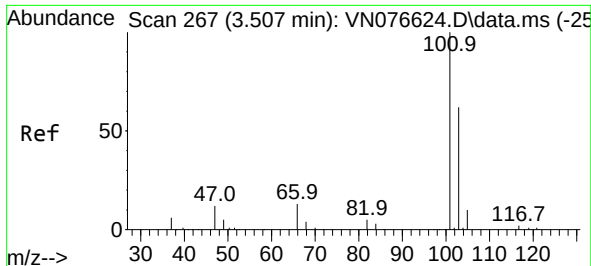


#6
Chloroethane
Concen: 51.377 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076744.D
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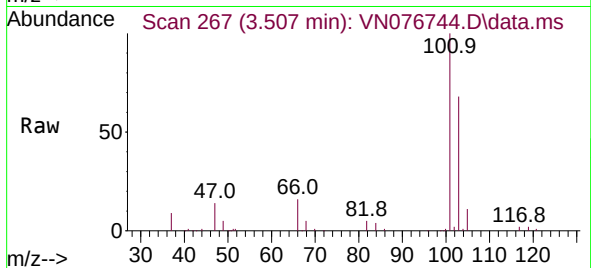
Tgt Ion: 64 Resp: 132384
Ion Ratio Lower Upper
64 100
66 31.3 24.6 37.0





#7
Trichlorofluoromethane
Concen: 43.757 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

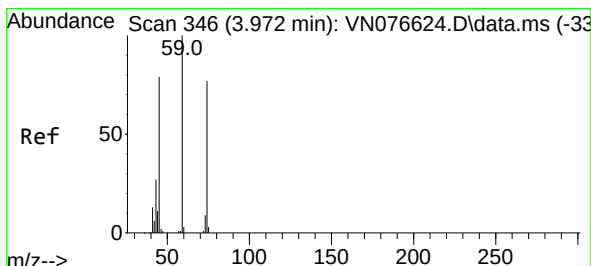
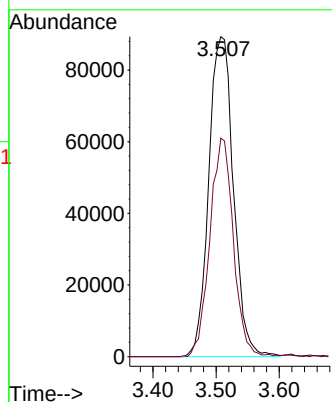
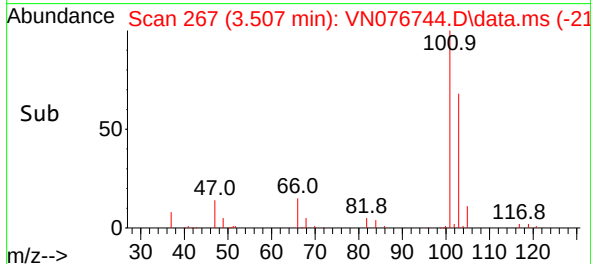
Instrument :
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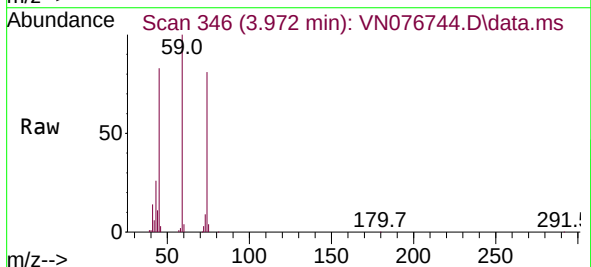
Tgt Ion:101 Resp: 242740
Ion Ratio Lower Upper
101 100
103 68.3 49.4 74.2

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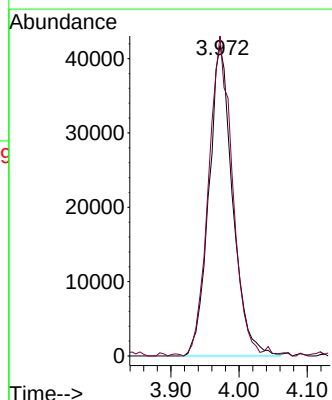
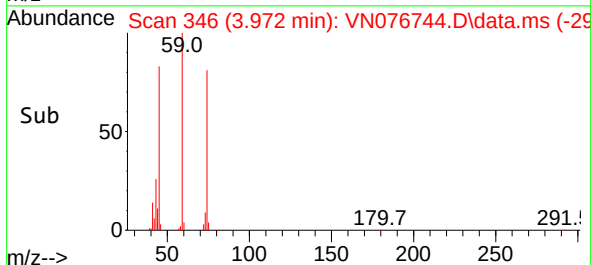
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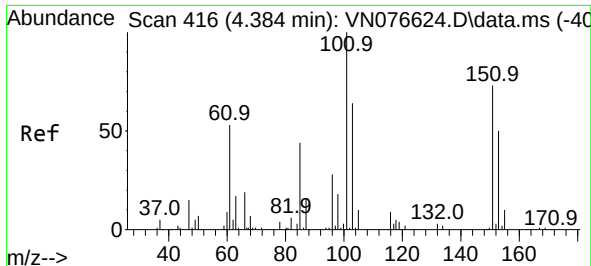


#8
Diethyl Ether
Concen: 47.413 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076744.D
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Tgt Ion: 74 Resp: 101354
Ion Ratio Lower Upper
74 100
45 103.5 51.3 153.9





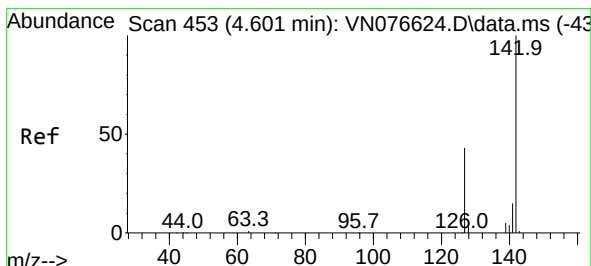
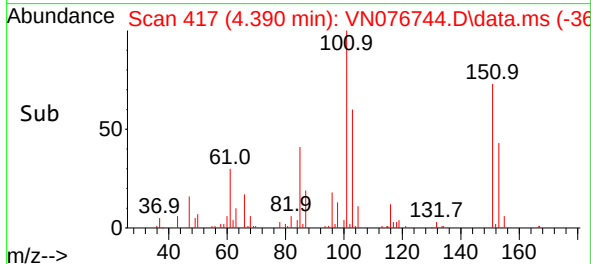
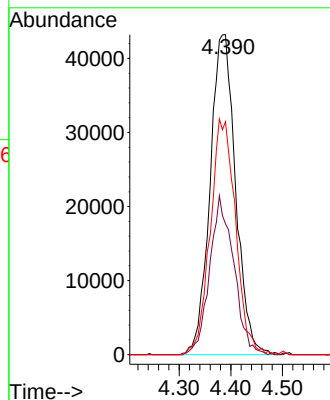
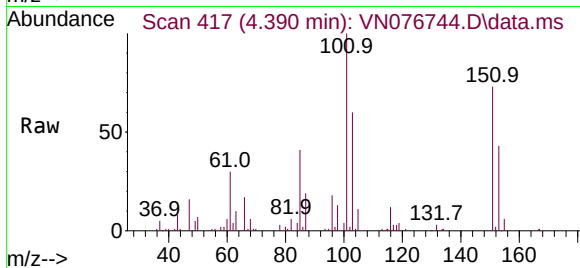
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.500 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 14831
Ion Ratio Lower Upper
101 100
85 46.8 37.4 56.0
151 73.1 58.7 88.1

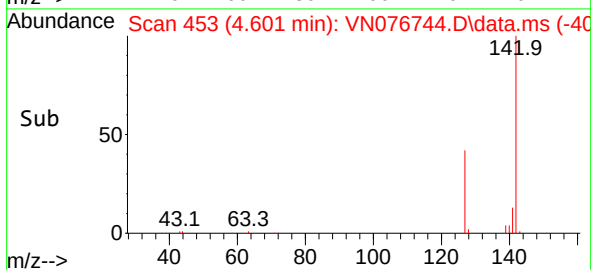
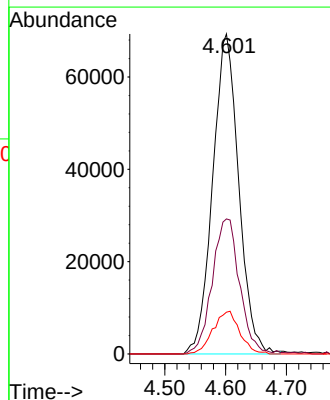
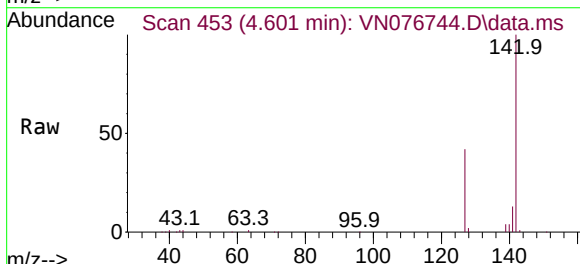
Manual Integrations
APPROVED

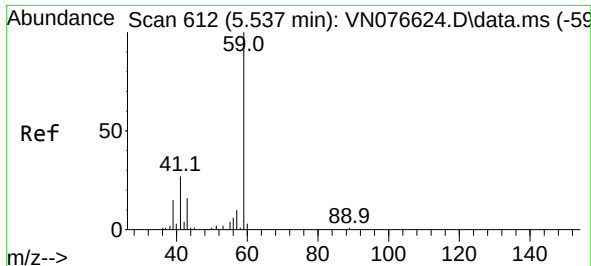
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 51.164 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

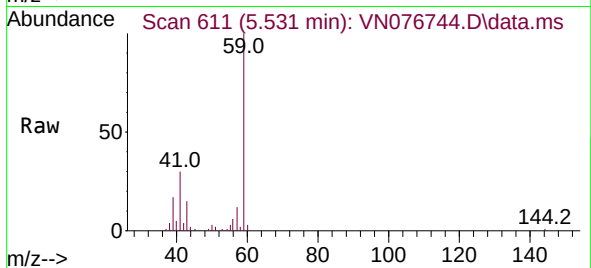
Tgt Ion:142 Resp: 205957
Ion Ratio Lower Upper
142 100
127 42.2 34.6 51.8
141 13.0 11.7 17.5





#11
Tert butyl alcohol
Concen: 238.484 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

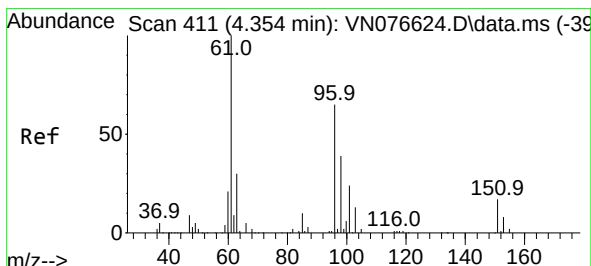
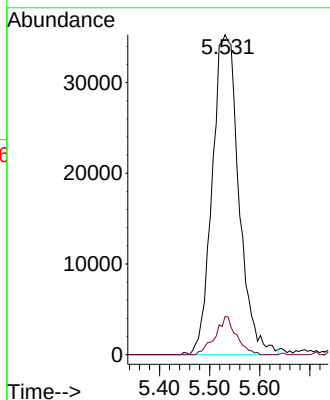
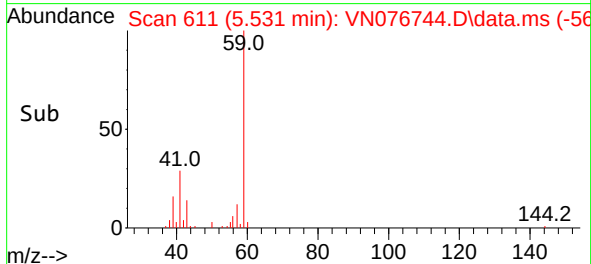
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 129988
Ion Ratio Lower Upper
59 100
57 9.5 8.7 13.1

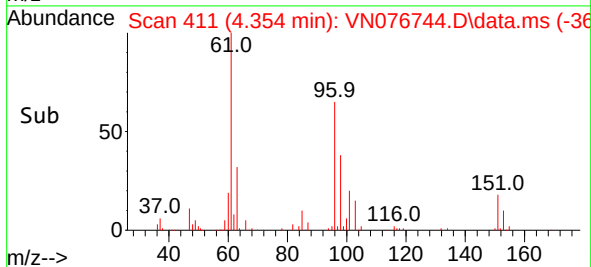
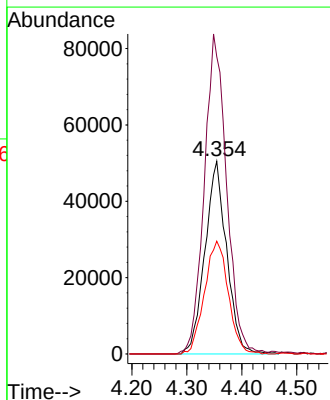
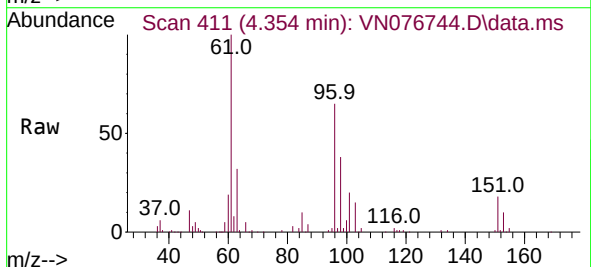
Manual Integrations
APPROVED

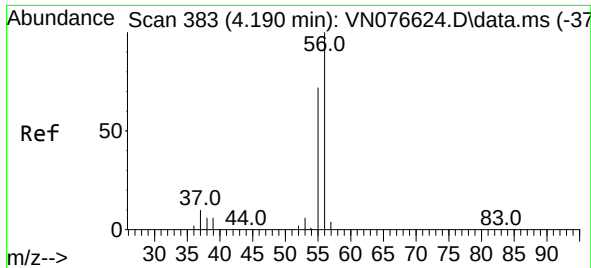
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 44.989 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

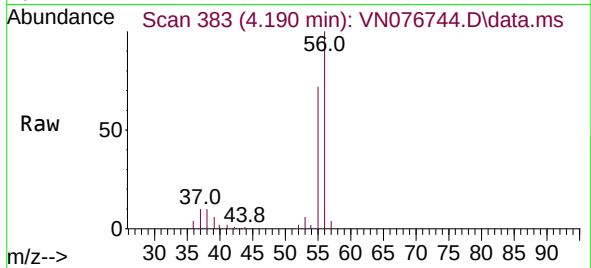
Tgt Ion: 96 Resp: 138867
Ion Ratio Lower Upper
96 100
61 153.9 123.8 185.6
98 58.6 48.4 72.6





#13
Acrolein
Concen: 220.416 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

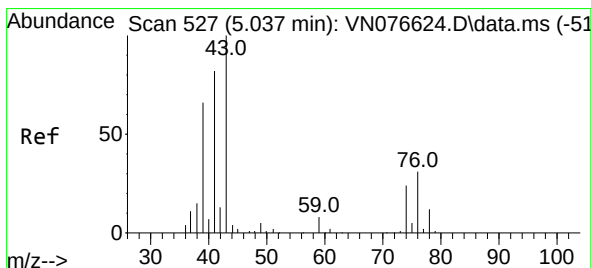
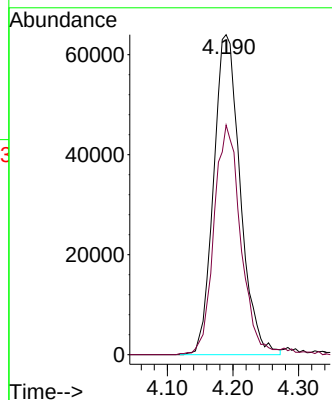
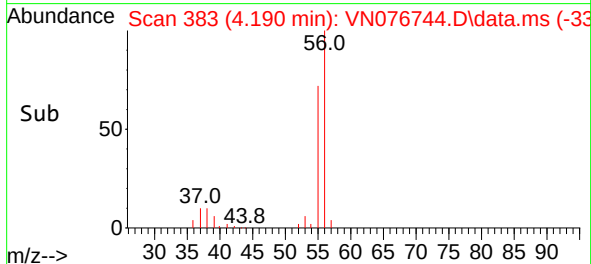
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



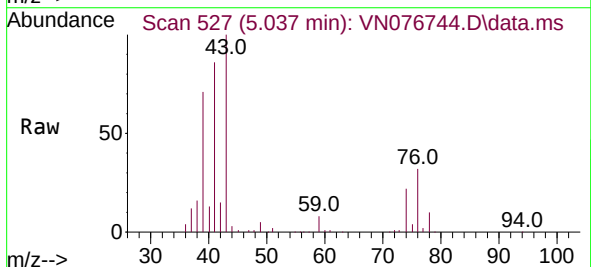
Tgt Ion: 56 Resp: 18036
Ion Ratio Lower Upper
56 100
55 71.9 56.3 84.5

Manual Integrations
APPROVED

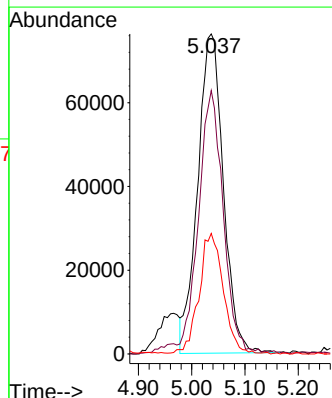
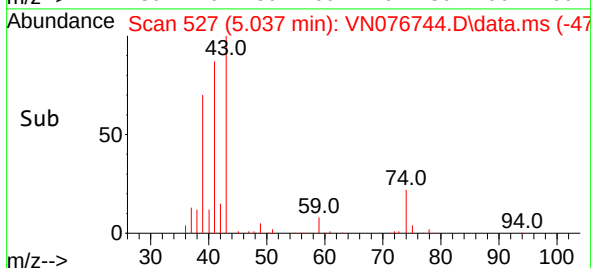
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

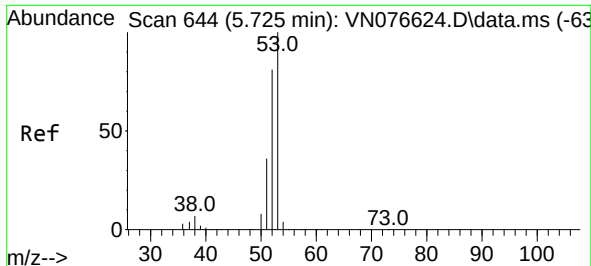


#14
Allyl chloride
Concen: 47.685 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



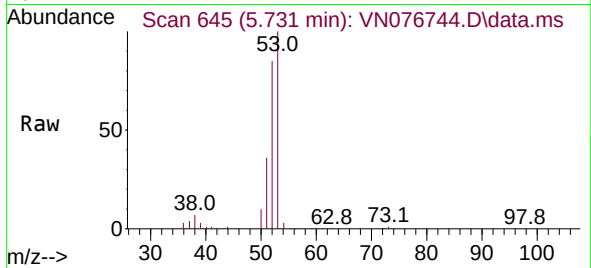
Tgt Ion: 41 Resp: 255034
Ion Ratio Lower Upper
41 100
39 78.2 62.3 93.5
76 34.9 27.0 40.6





#15
Acrylonitrile
Concen: 248.429 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

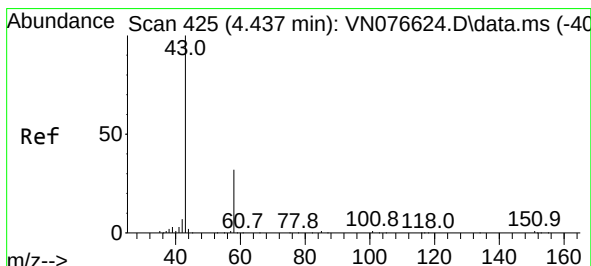
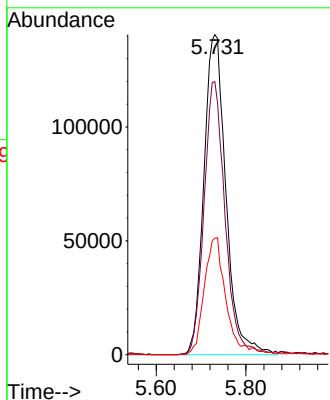
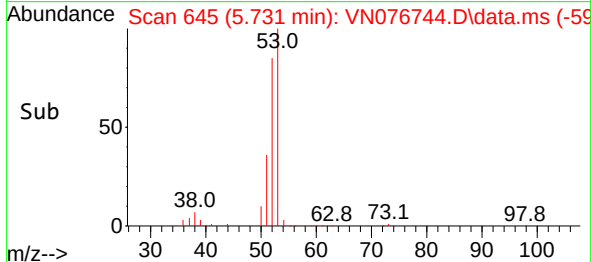
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 480550
Ion Ratio Lower Upper
53 100
52 81.2 65.3 97.9
51 36.3 29.2 43.8

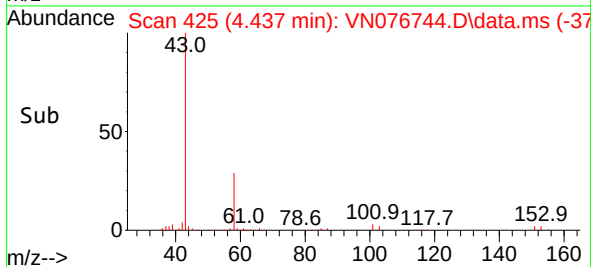
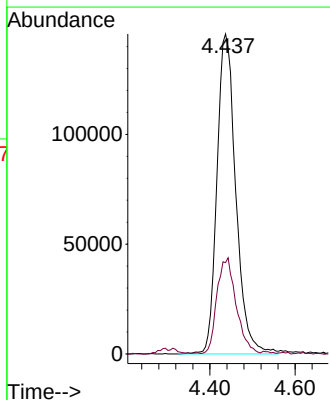
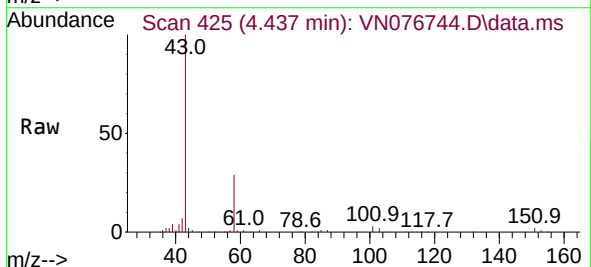
Manual Integrations
APPROVED

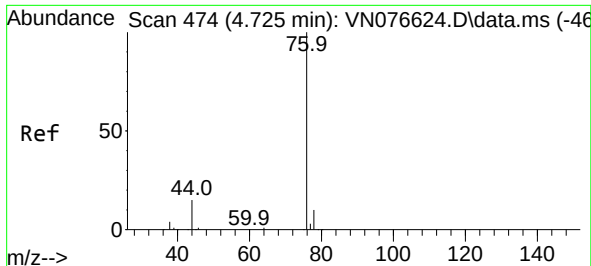
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 242.926 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion: 43 Resp: 448084
Ion Ratio Lower Upper
43 100
58 28.2 25.9 38.9





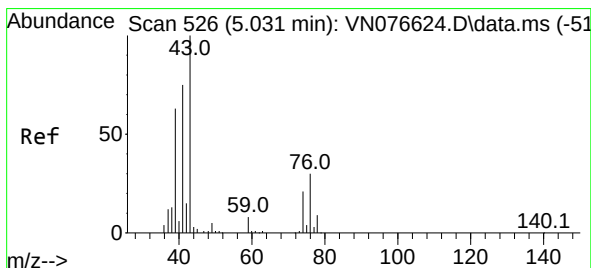
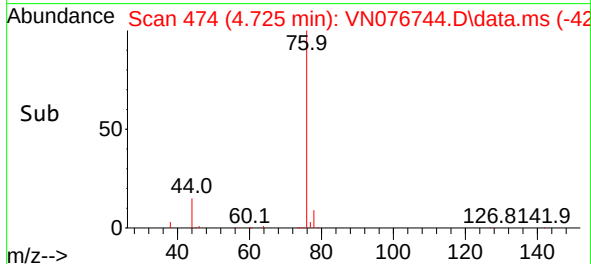
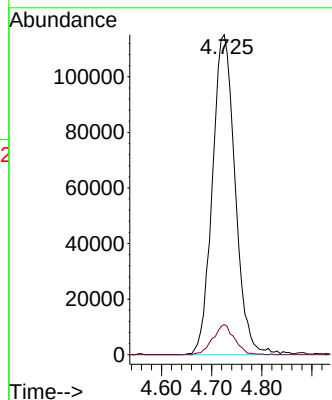
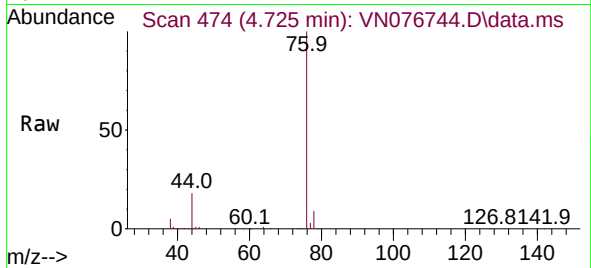
#17
Carbon Disulfide
Concen: 44.487 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 36255
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

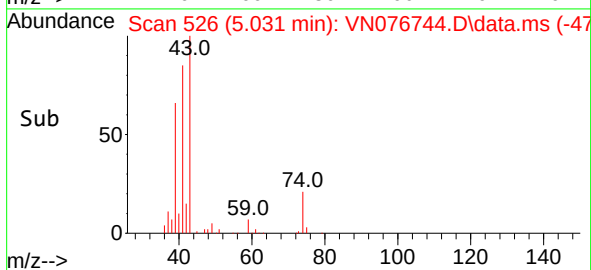
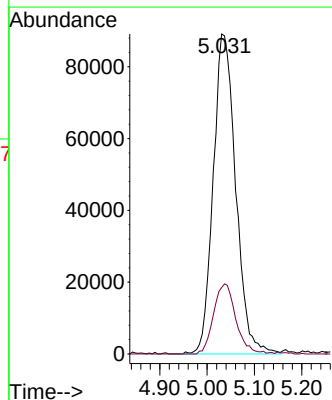
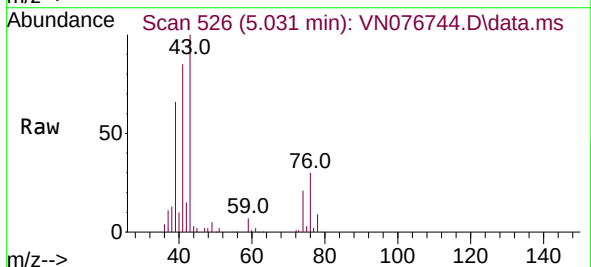
Manual Integrations
APPROVED

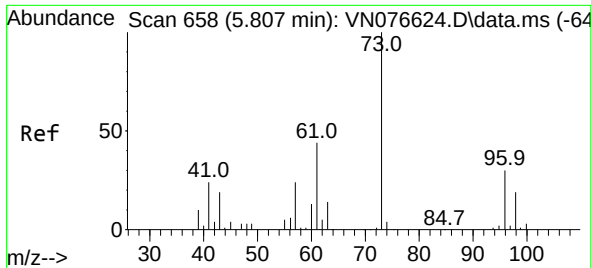
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 48.864 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion: 43 Resp: 294204
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5





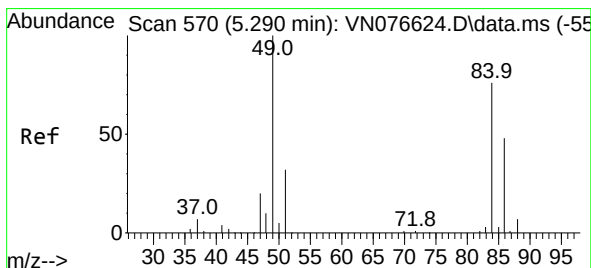
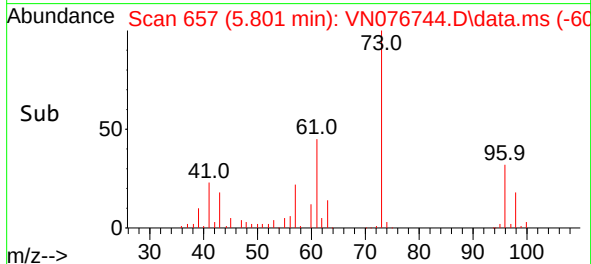
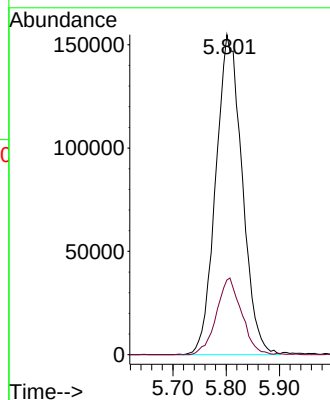
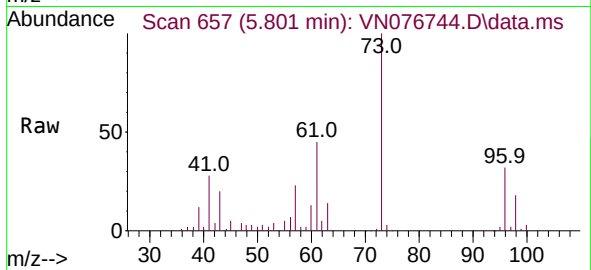
#19
Methyl tert-butyl Ether
Concen: 51.193 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 532738
Ion Ratio Lower Upper
73 100
57 23.2 19.0 28.4

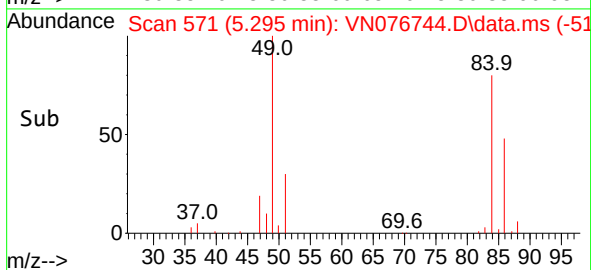
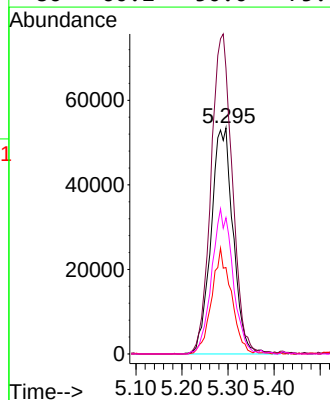
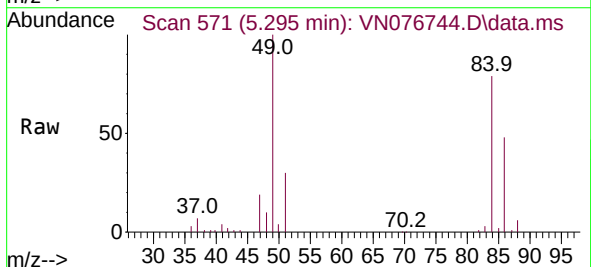
Manual Integrations
APPROVED

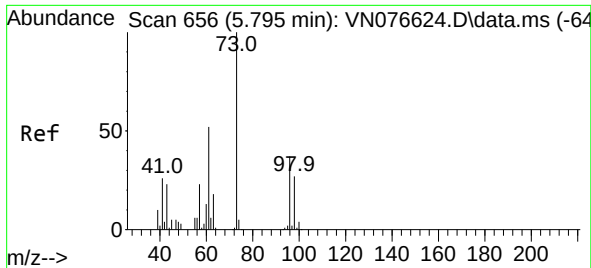
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 46.104 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.005 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

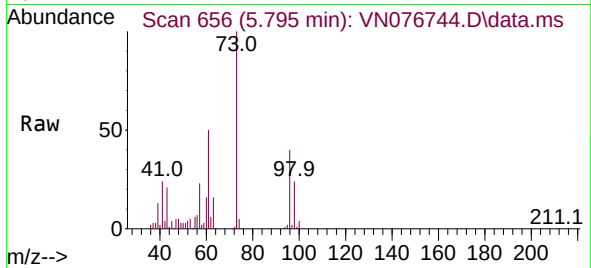
Tgt Ion: 84 Resp: 178227
Ion Ratio Lower Upper
84 100
49 126.4 104.9 157.3
51 38.2 33.8 50.8
86 60.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 45.678 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

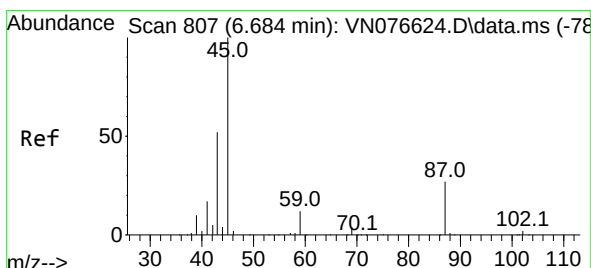
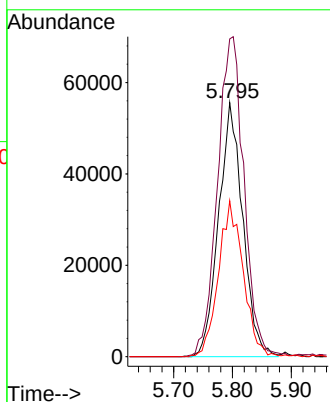
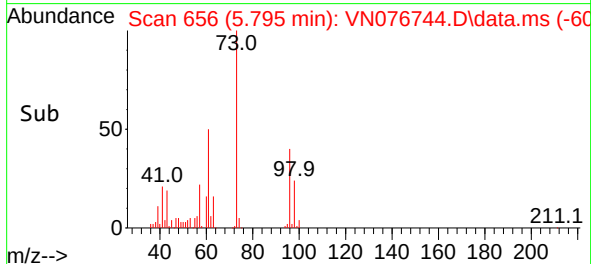
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



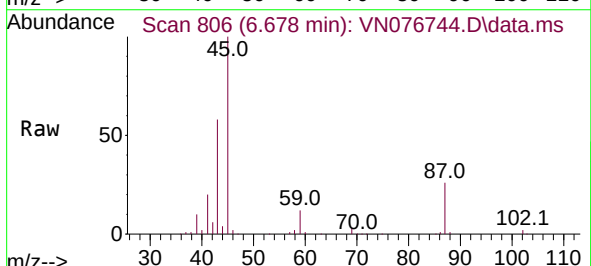
Tgt Ion: 96 Resp: 15871
Ion Ratio Lower Upper
96 100
61 125.1 113.9 170.9
98 61.4 59.4 89.0

Manual Integrations
APPROVED

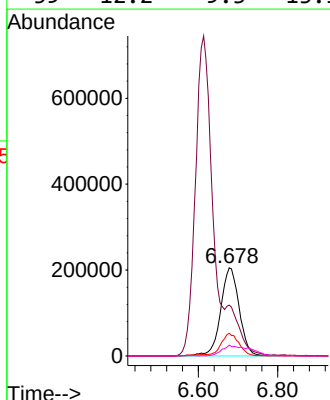
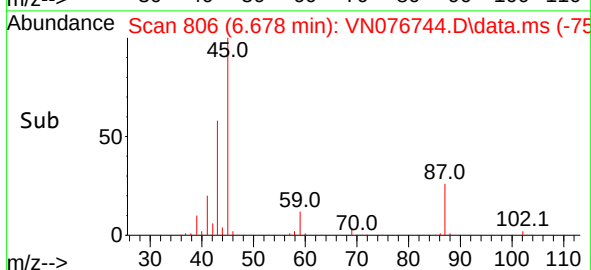
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

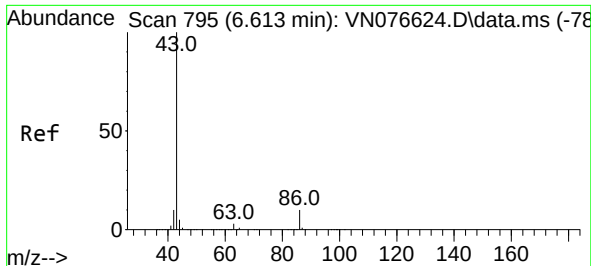


#22
Diisopropyl ether
Concen: 53.192 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



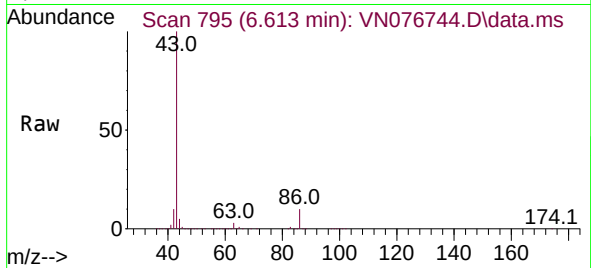
Tgt Ion: 45 Resp: 667252
Ion Ratio Lower Upper
45 100
43 56.8 41.8 62.6
87 25.6 21.8 32.8
59 12.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 292.984 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59

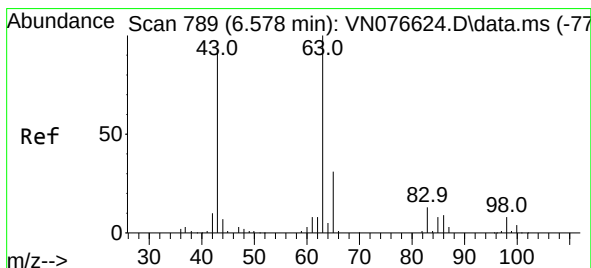
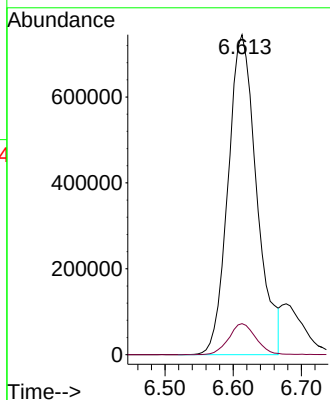
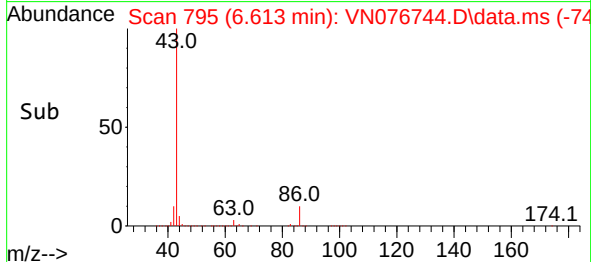
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



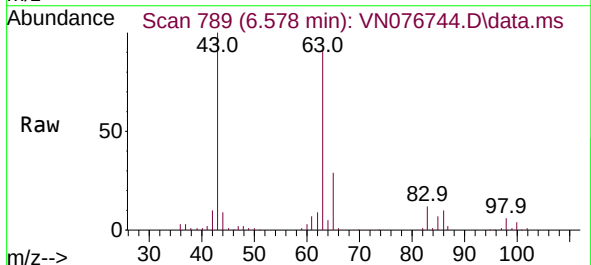
Tgt Ion: 43 Resp: 217452
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.2

Manual Integrations
 APPROVED

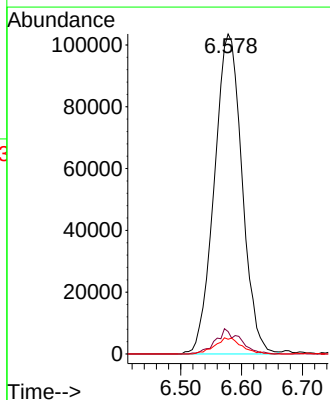
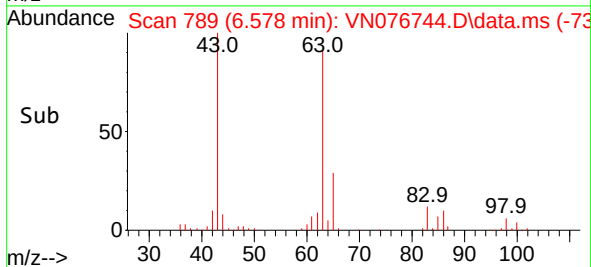
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

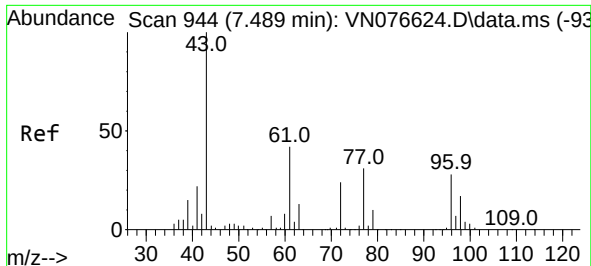


#24
 1,1-Dichloroethane
 Concen: 47.646 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59



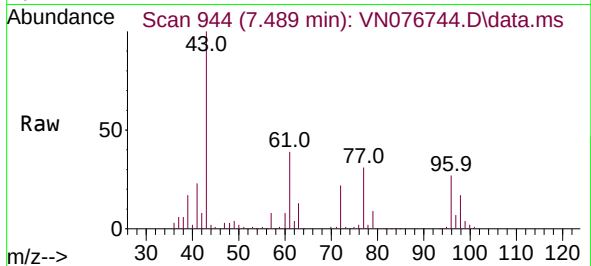
Tgt Ion: 63 Resp: 327565
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.1 12.3
 100 4.6 2.0 5.8





#25
2-Butanone
Concen: 250.421 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

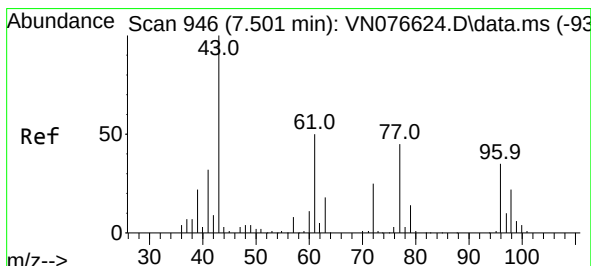
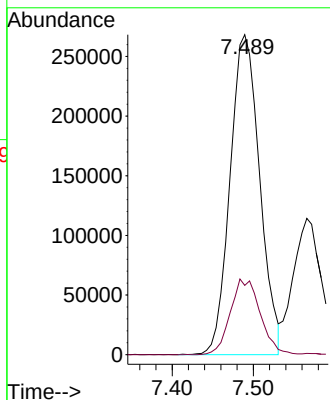
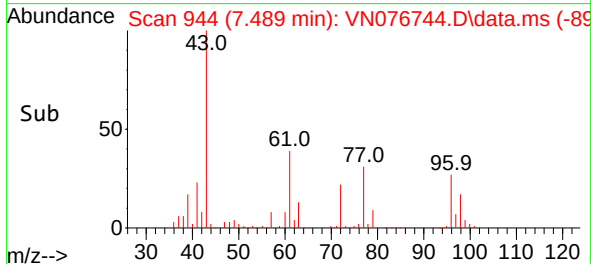
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



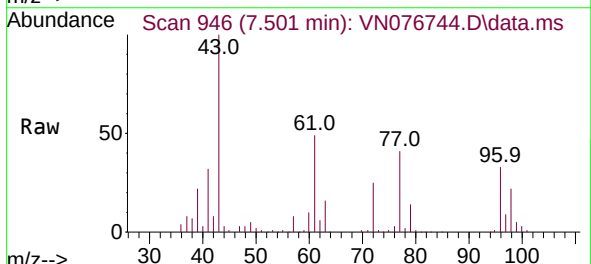
Tgt Ion: 43 Resp: 681349
Ion Ratio Lower Upper
43 100
72 21.7 19.4 29.2

Manual Integrations
APPROVED

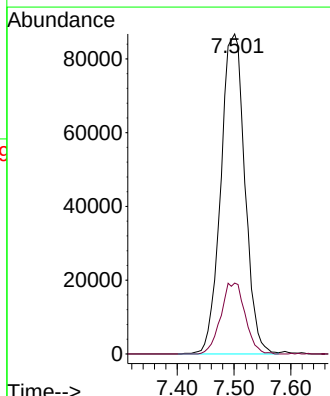
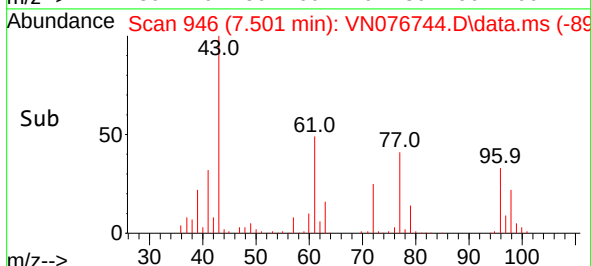
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

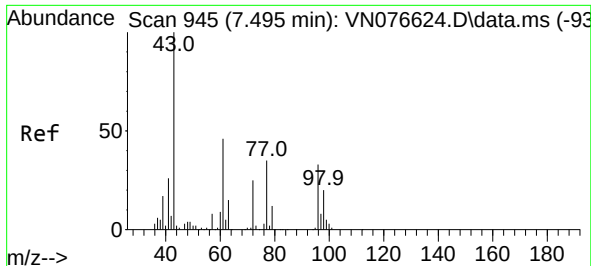


#26
2,2-Dichloropropane
Concen: 51.481 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



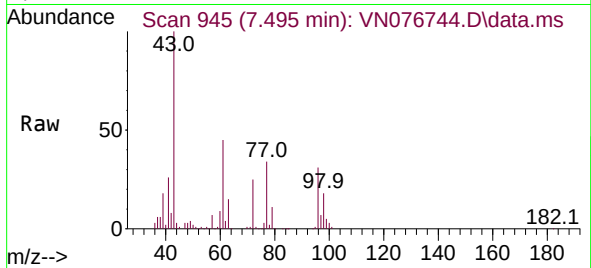
Tgt Ion: 77 Resp: 255288
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 48.126 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59

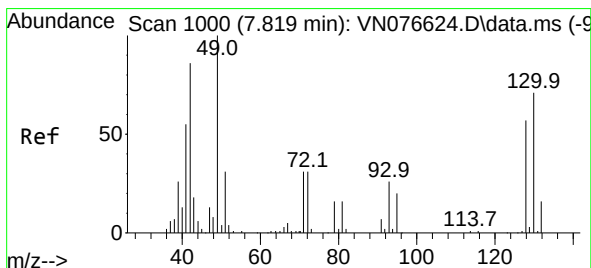
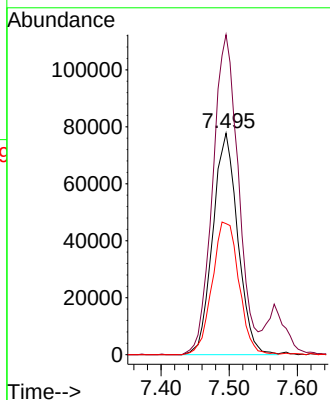
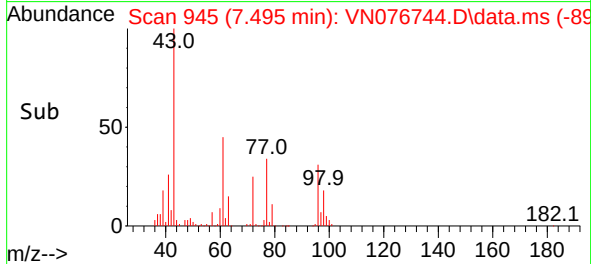
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 198332
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 286.8
 98 64.2 0.0 124.0

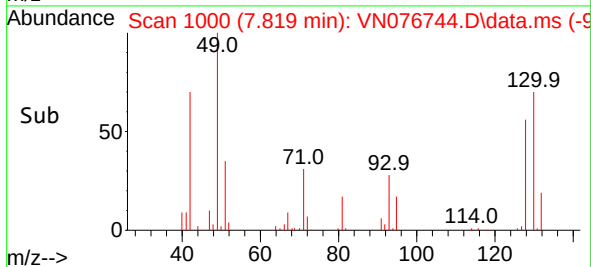
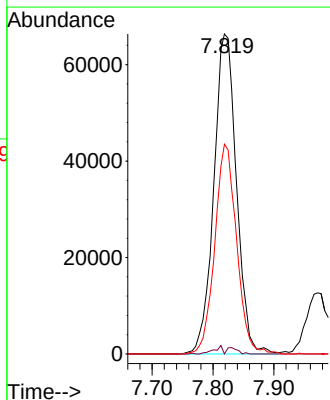
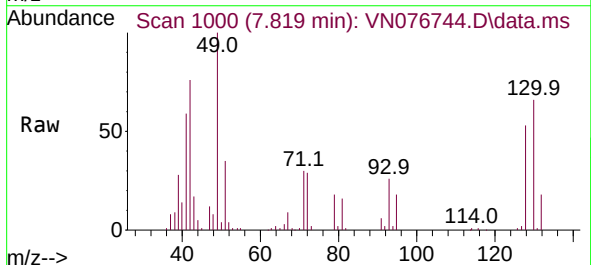
Manual Integrations
 APPROVED

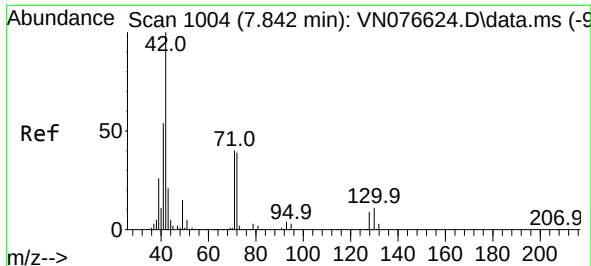
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#28
 Bromochloromethane
 Concen: 52.397 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59

Tgt Ion: 49 Resp: 171449
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 63.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 254.391 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 452218

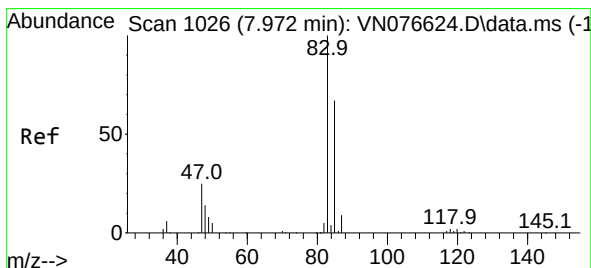
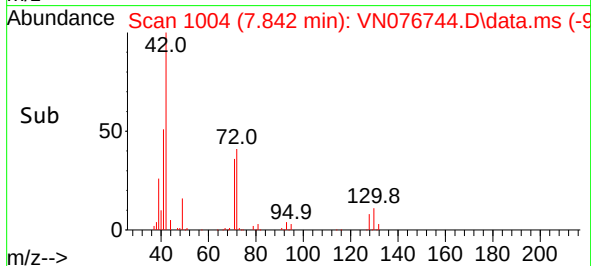
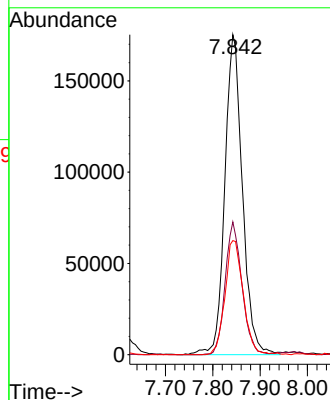
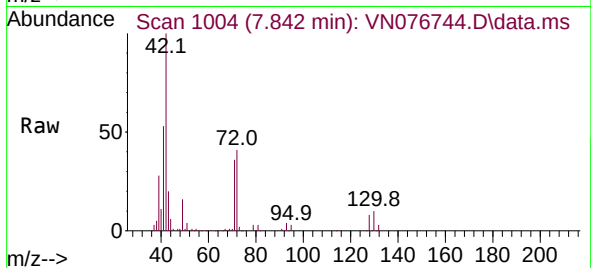
Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.5	47.3
71	36.8	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 50.452 ug/l

RT: 7.972 min Scan# 1026

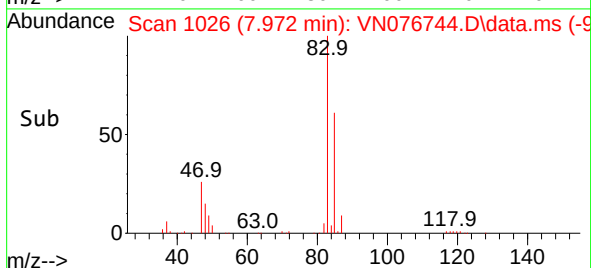
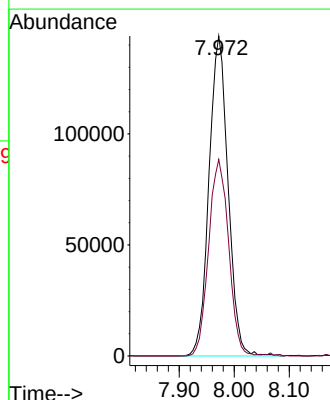
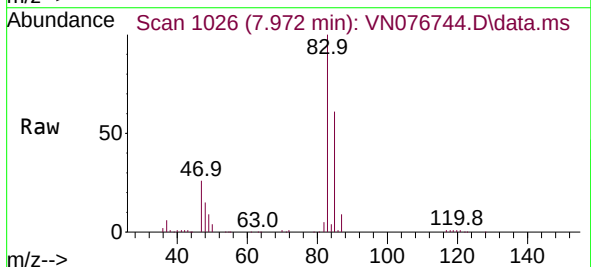
Delta R.T. -0.000 min

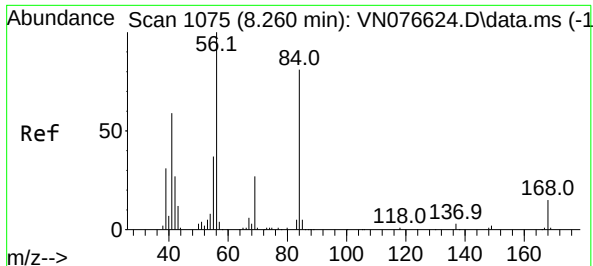
Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Tgt Ion: 83 Resp: 346553

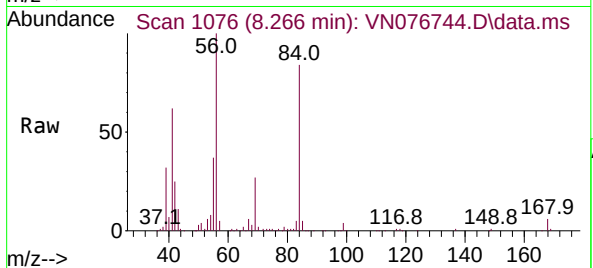
Ion	Ratio	Lower	Upper
83	100		
85	61.4	53.5	80.3





#31
Cyclohexane
Concen: 46.610 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

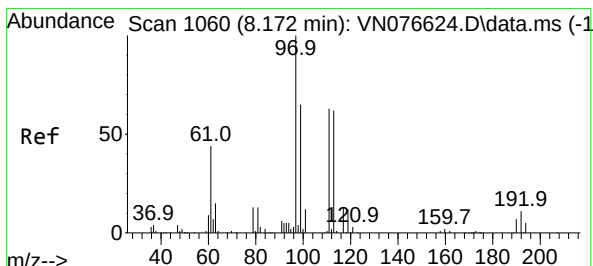
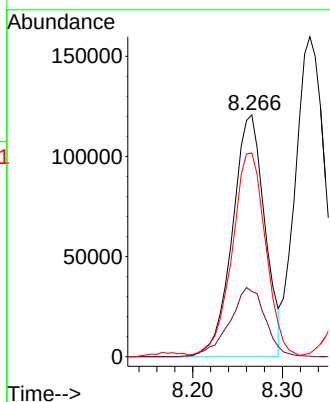
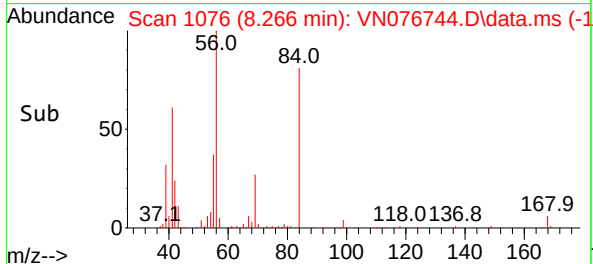
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



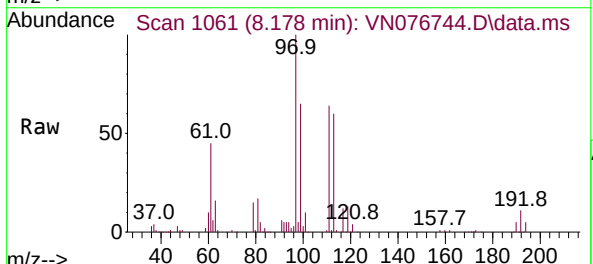
Tgt Ion: 56 Resp: 30191
Ion Ratio Lower Upper
56 100
69 27.0 21.6 32.4
84 83.1 65.1 97.7

Manual Integrations
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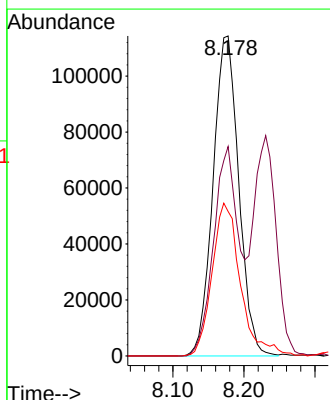
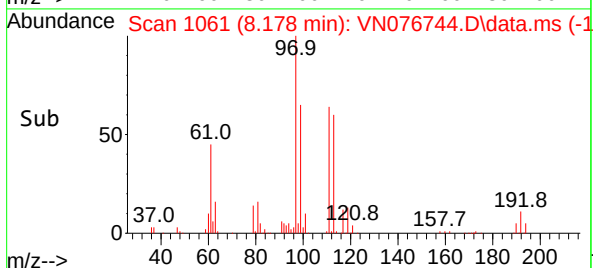
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

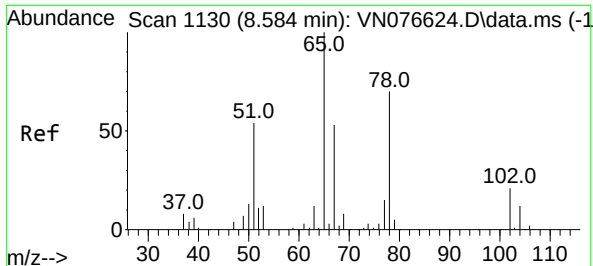


#32
1,1,1-Trichloroethane
Concen: 49.694 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion: 97 Resp: 287004
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 52.9 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.379 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 220419

Ion Ratio Lower Upper

65 100

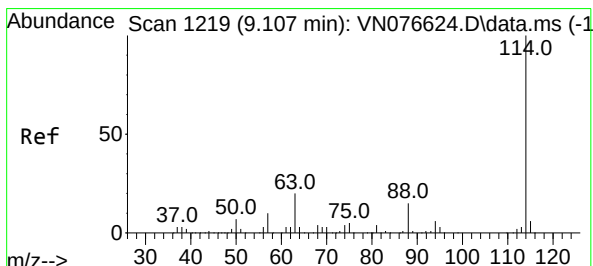
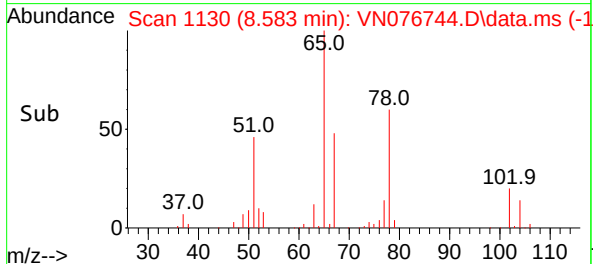
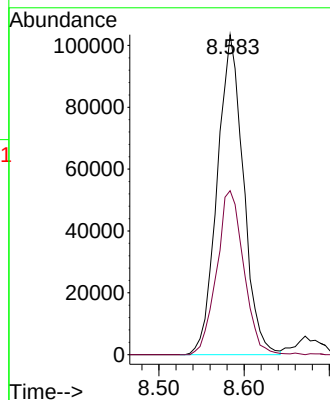
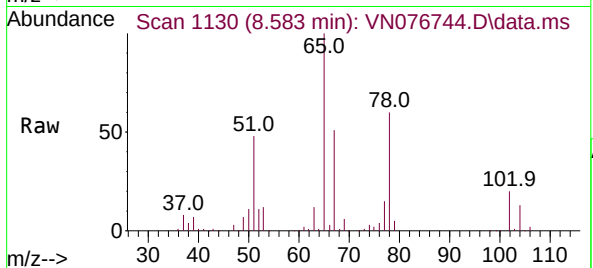
67 52.9 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

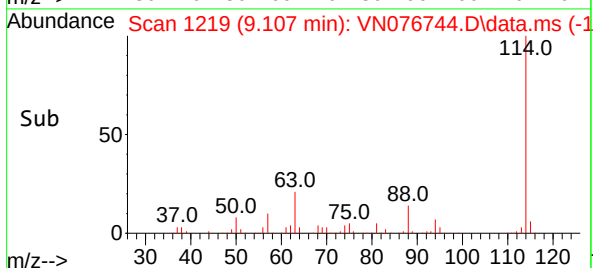
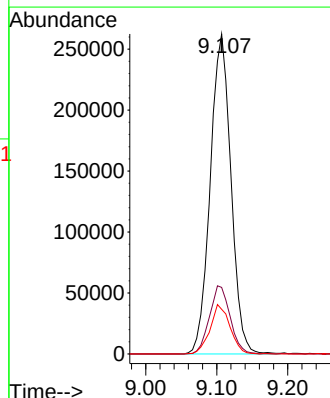
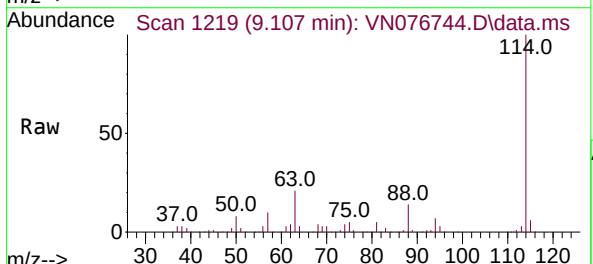
Tgt Ion:114 Resp: 531603

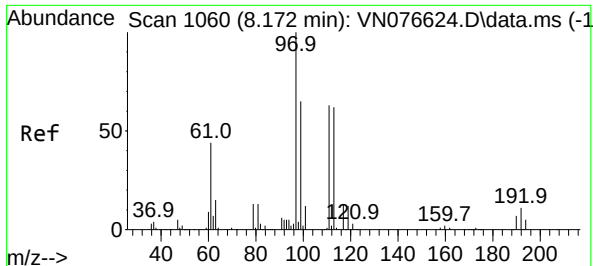
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.599 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 172672

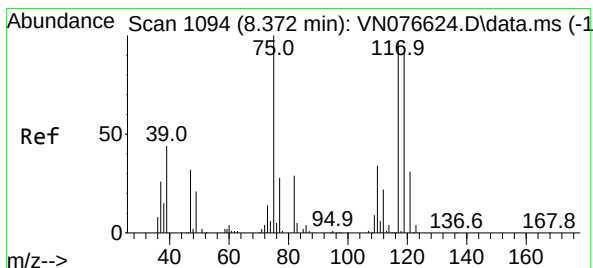
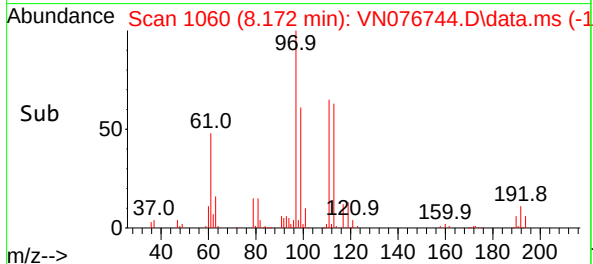
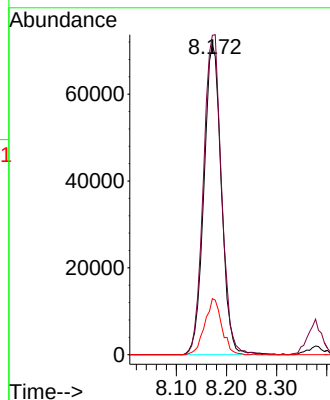
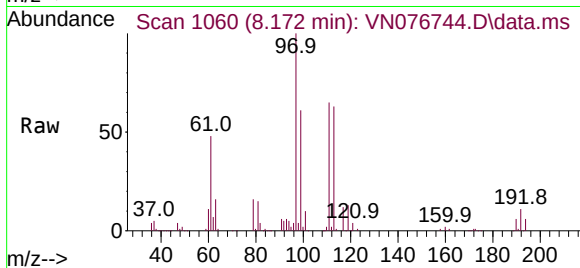
Ion	Ratio	Lower	Upper
113	100		
111	106.6	83.1	124.7
192	17.6	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#36

1,1-Dichloropropene

Concen: 49.233 ug/l

RT: 8.378 min Scan# 1095

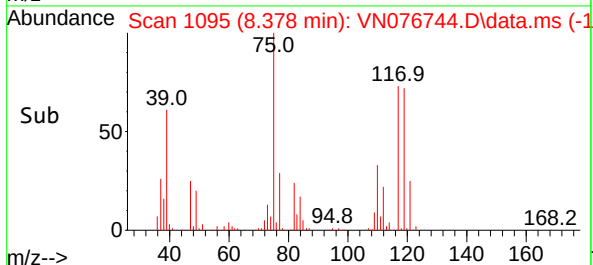
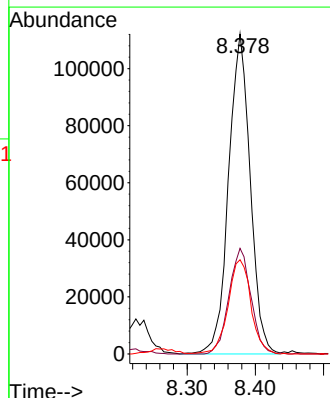
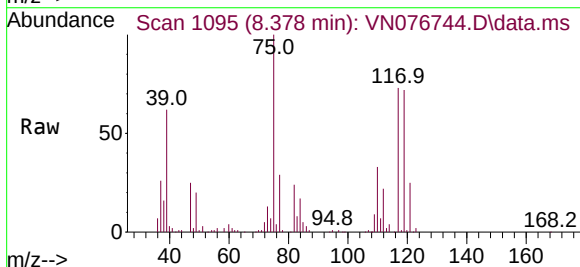
Delta R.T. 0.006 min

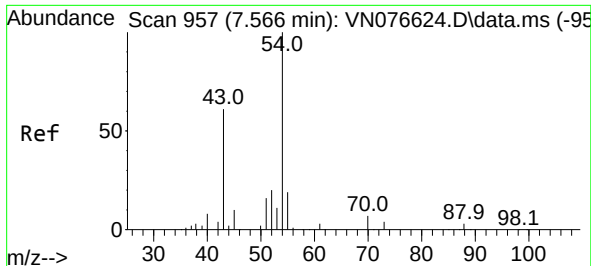
Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Tgt Ion: 75 Resp: 247640

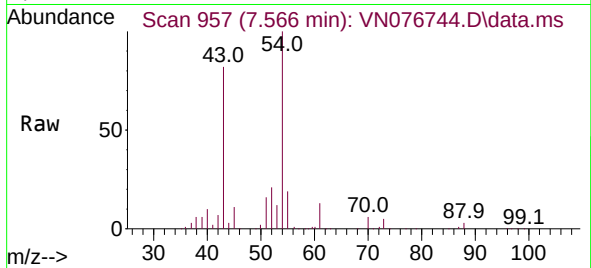
Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.5	52.5
77	31.2	24.5	36.7





#37
Ethyl Acetate
Concen: 53.768 ug/l
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

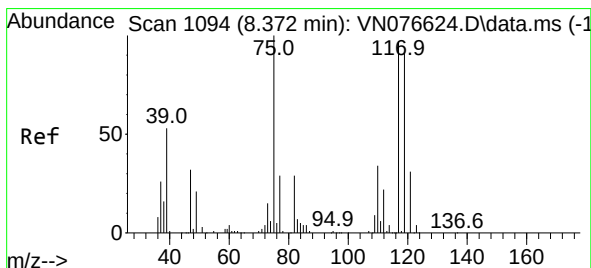
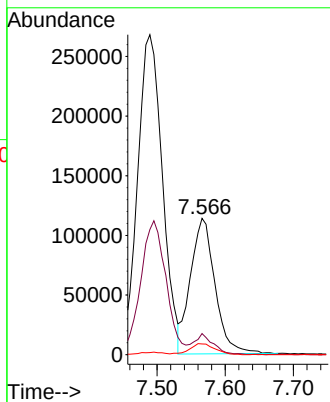
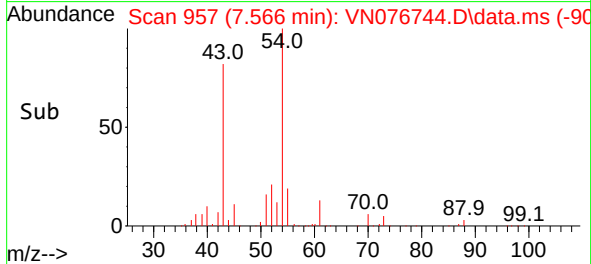
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 28455
Ion Ratio Lower Upper
43 100
61 12.0 9.9 14.9
70 8.3 7.8 11.6

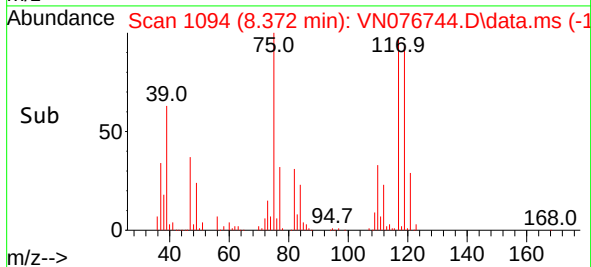
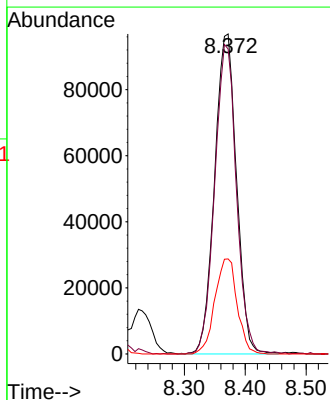
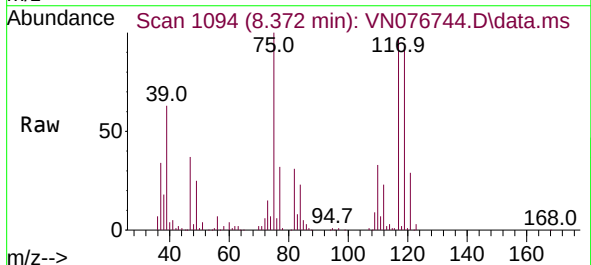
Manual Integrations
APPROVED

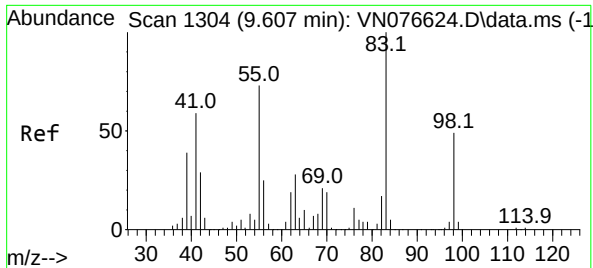
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 47.742 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

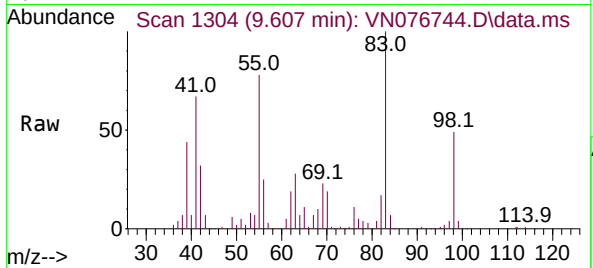
Tgt Ion:117 Resp: 242252
Ion Ratio Lower Upper
117 100
119 95.3 75.4 113.0
121 29.7 26.0 39.0





#39
Methylcyclohexane
Concen: 52.063 ug/l
RT: 9.607 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

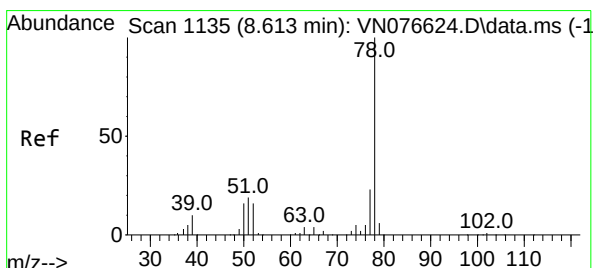
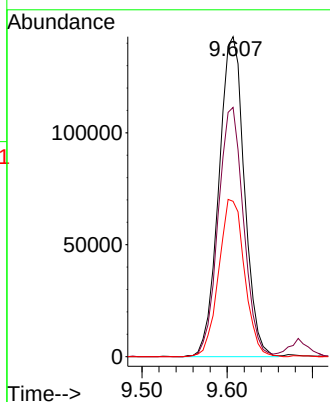
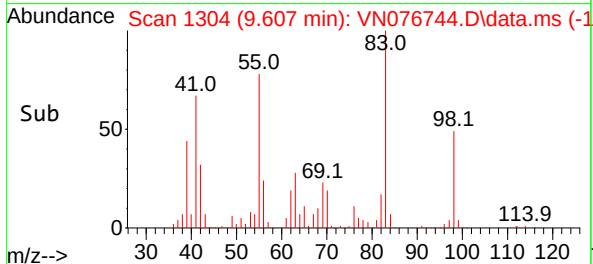
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 29767
Ion Ratio Lower Upper
83 100
55 77.9 58.6 88.0
98 48.6 39.4 59.2

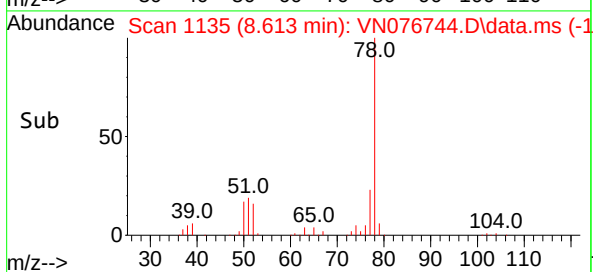
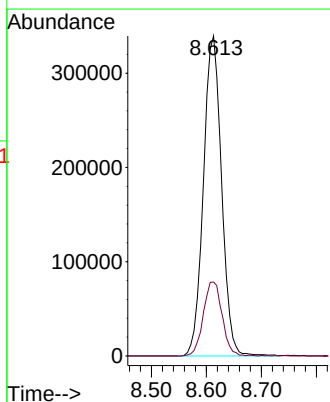
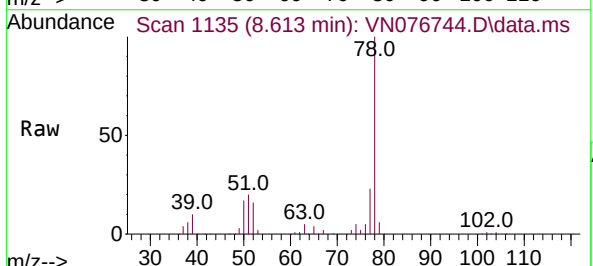
Manual Integrations
APPROVED

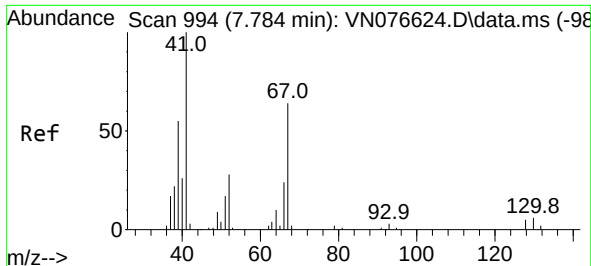
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#40
Benzene
Concen: 50.429 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

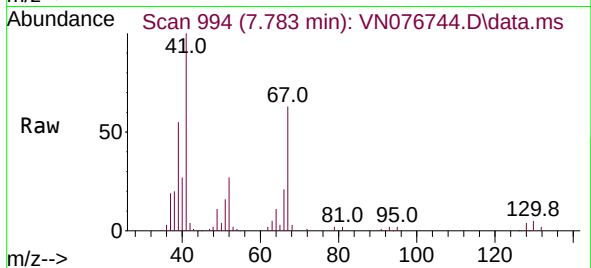
Tgt Ion: 78 Resp: 778959
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.4





#41
Methacrylonitrile
Concen: 49.875 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

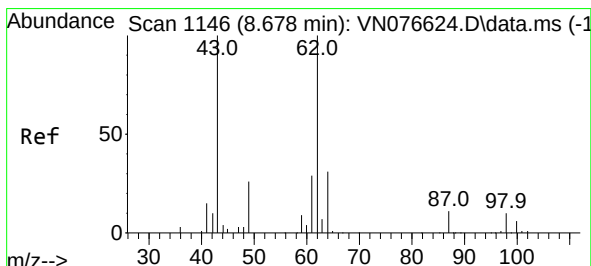
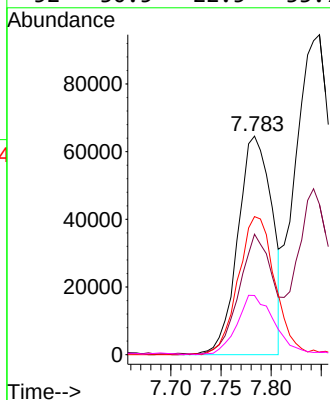
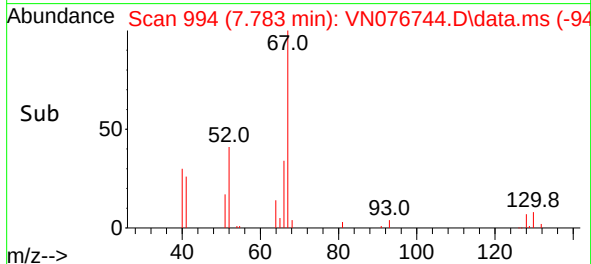
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



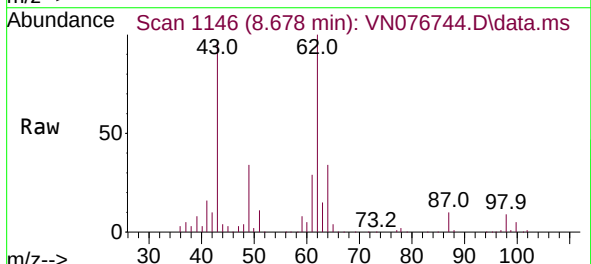
Tgt Ion: 41 Resp: 15291
Ion Ratio Lower Upper
41 100
39 57.1 42.6 63.8
67 68.6 51.4 77.0
52 30.5 22.5 33.7

Manual Integrations
APPROVED

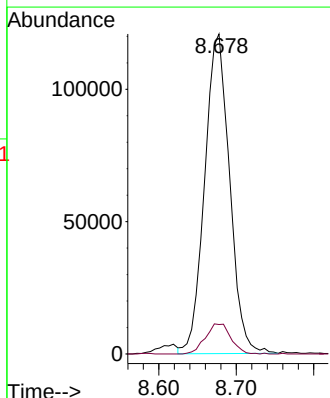
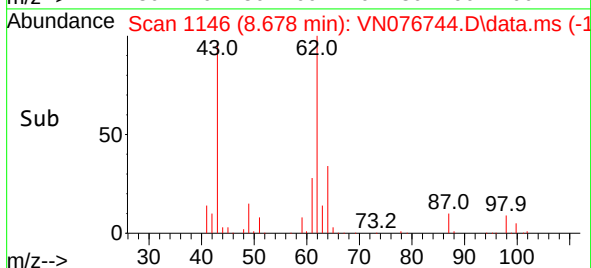
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

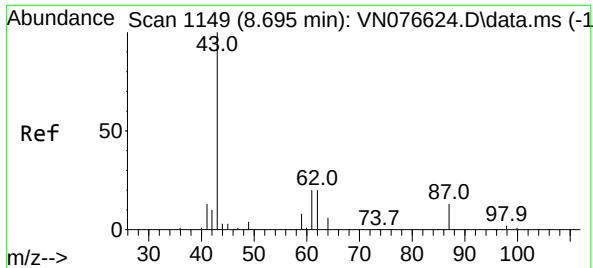


#42
1,2-Dichloroethane
Concen: 50.155 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion: 62 Resp: 270205
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2





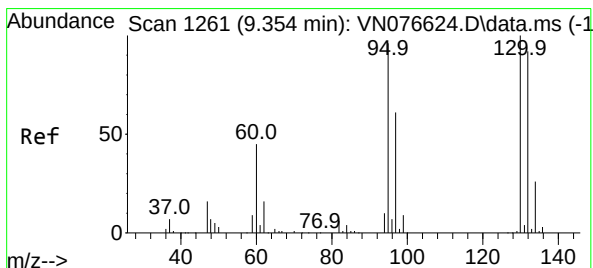
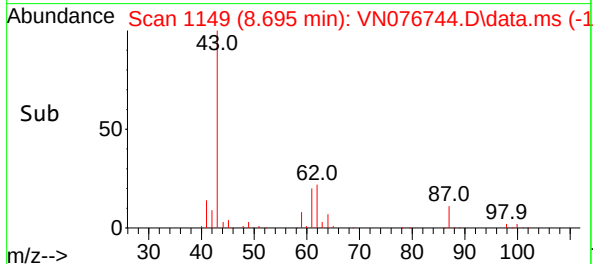
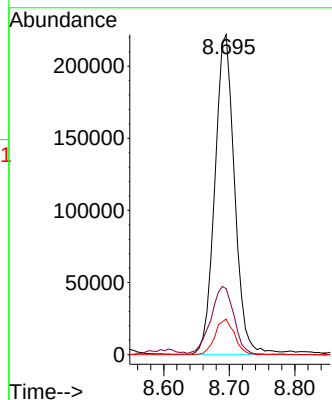
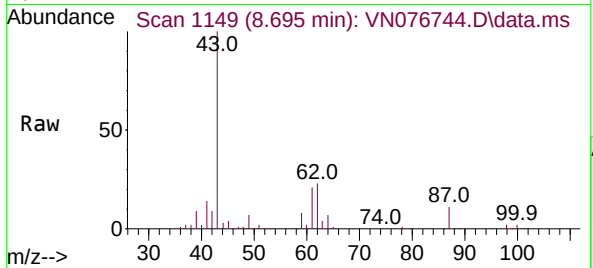
#43
Isopropyl Acetate
Concen: 53.689 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 46235
Ion Ratio Lower Upper
43 100
61 24.9 20.0 30.0
87 11.0 9.9 14.9

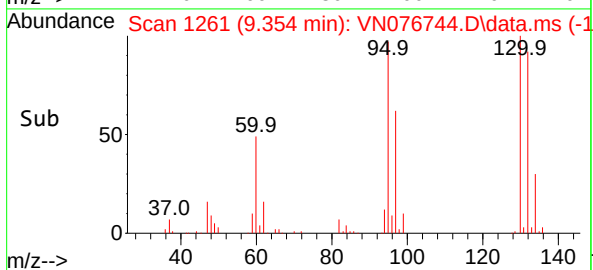
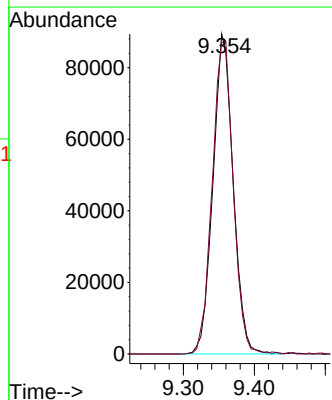
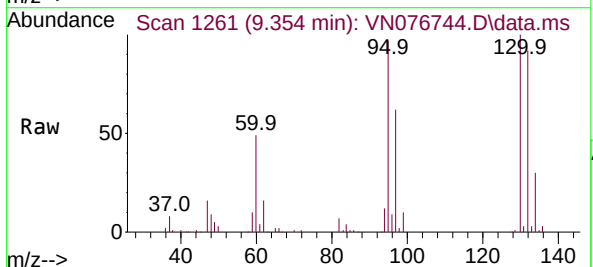
Manual Integrations
APPROVED

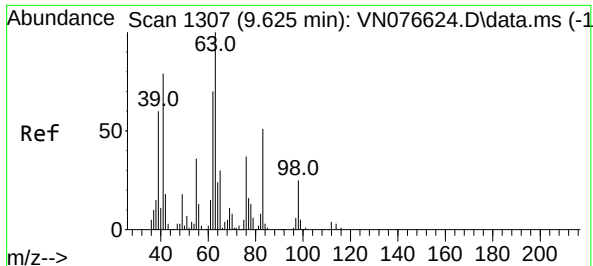
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 48.374 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion:130 Resp: 176577
Ion Ratio Lower Upper
130 100
95 97.4 0.0 191.4





#45

1,2-Dichloropropane

Concen: 50.892 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 208099

Ion Ratio Lower Upper

63 100

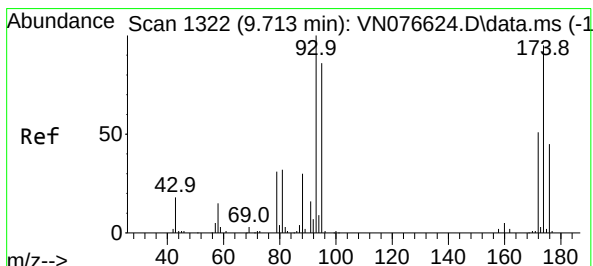
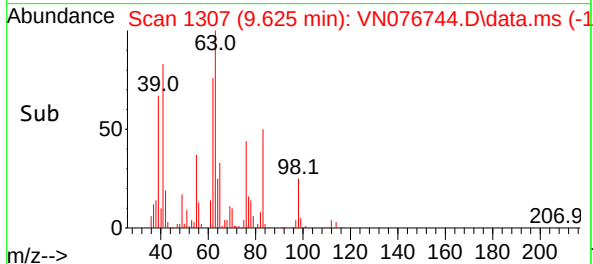
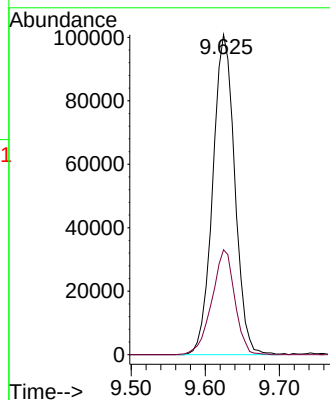
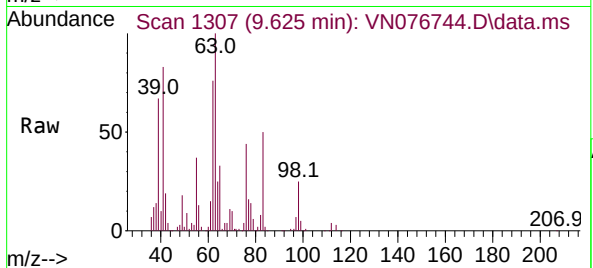
65 32.8 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 51.868 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

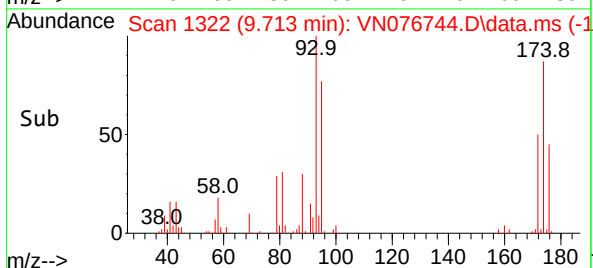
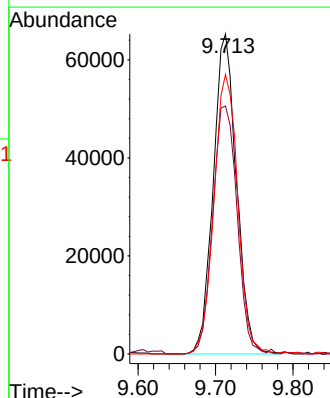
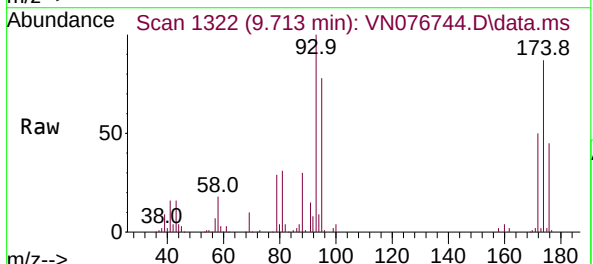
Tgt Ion: 93 Resp: 135591

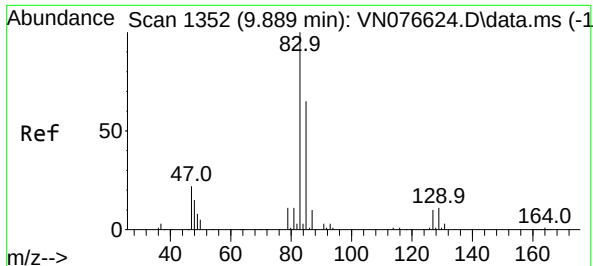
Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

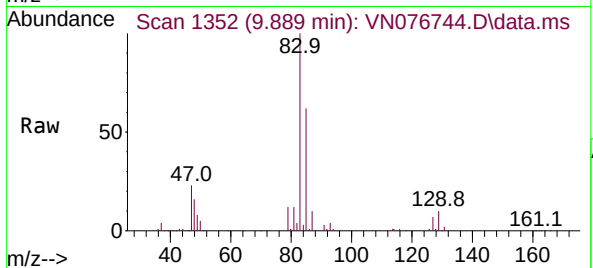
174 89.3 75.8 113.8





#47
Bromodichloromethane
Concen: 52.914 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

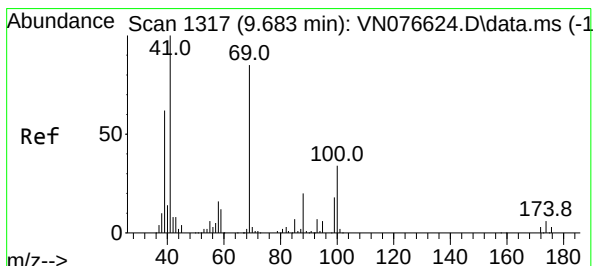
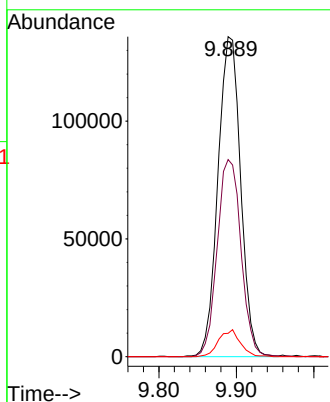
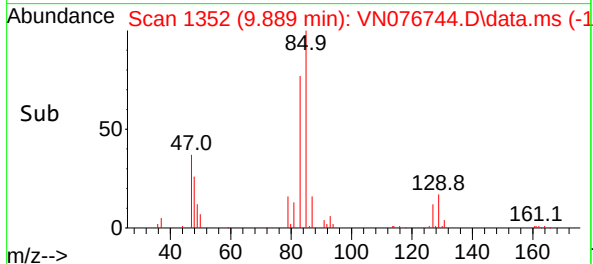
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 277325
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6
127 7.3 7.9 11.9

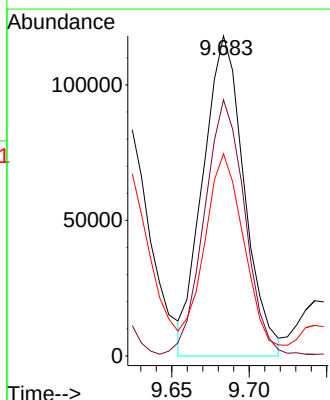
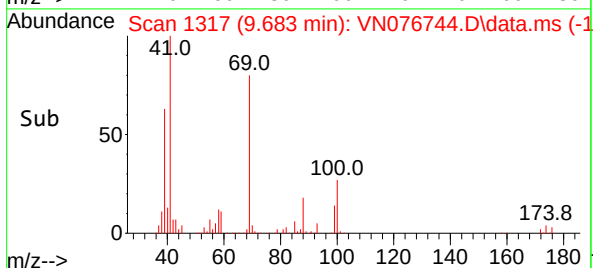
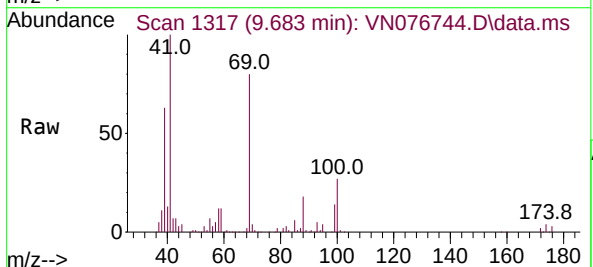
Manual Integrations
APPROVED

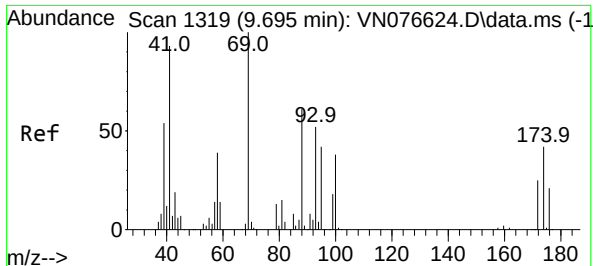
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 53.285 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion: 41 Resp: 217747
Ion Ratio Lower Upper
41 100
69 78.9 65.4 98.0
39 62.5 49.3 73.9





#49

1,4-Dioxane

Concen: 998.145 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

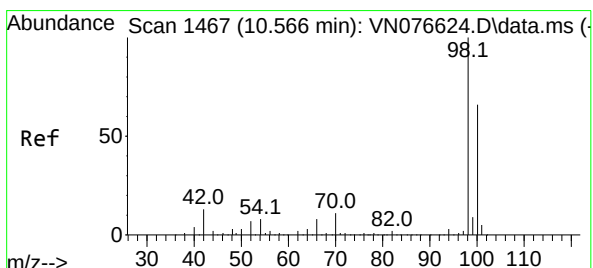
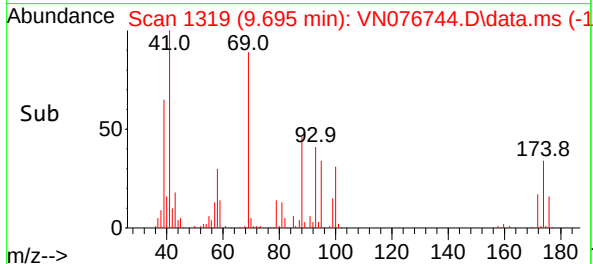
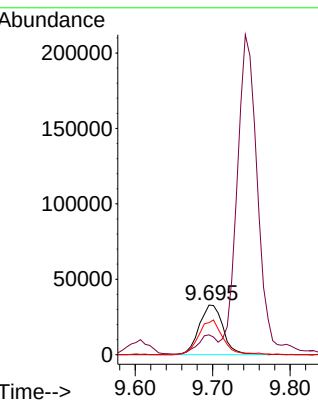
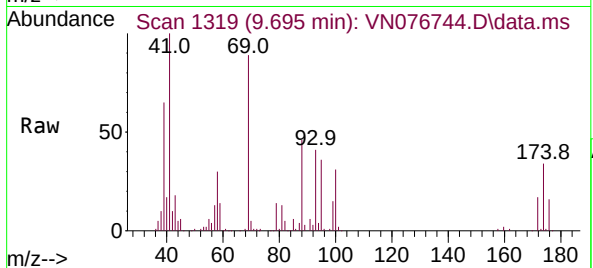
Tgt Ion: 88 Resp: 7055
 Ion Ratio Lower Upper
 88 100
 43 30.6 22.6 33.8
 58 70.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 54.614 ug/l

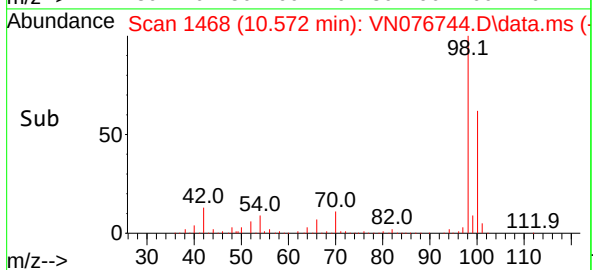
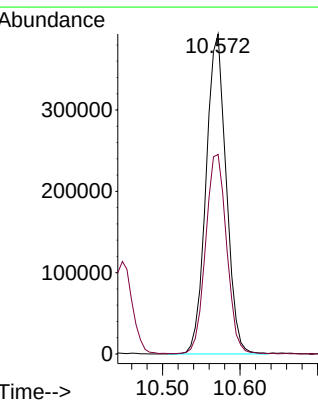
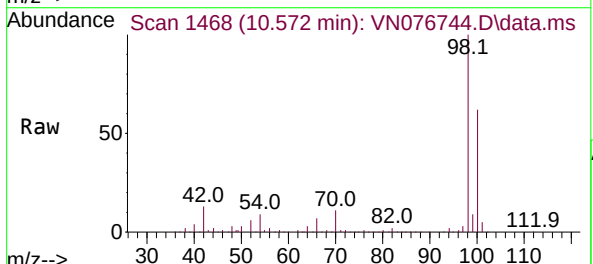
RT: 10.572 min Scan# 1468

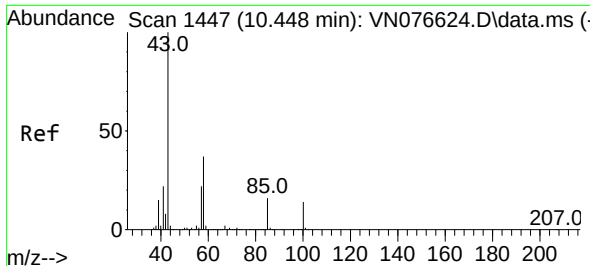
Delta R.T. 0.006 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

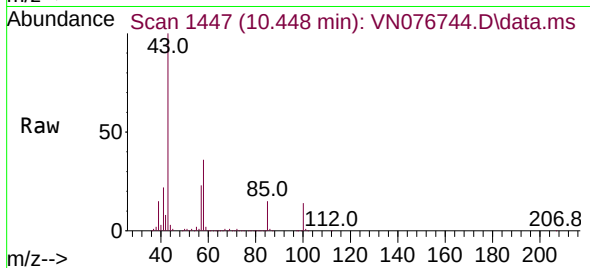
Tgt Ion: 98 Resp: 710053
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 269.209 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

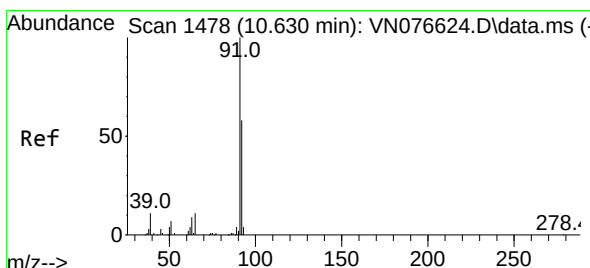
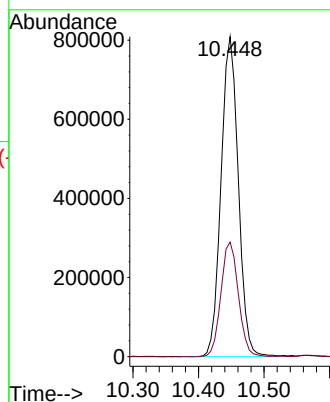
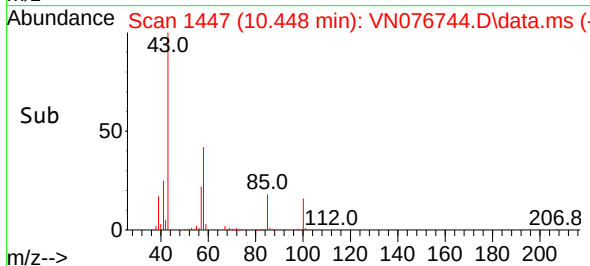
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



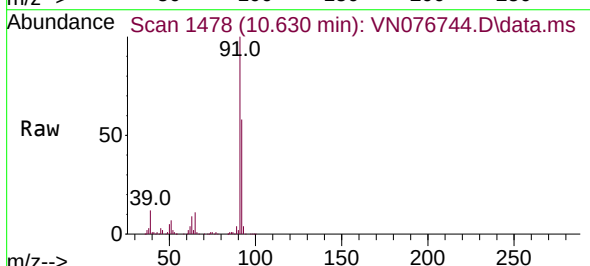
Tgt Ion: 43 Resp: 1475039
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3

Manual Integrations
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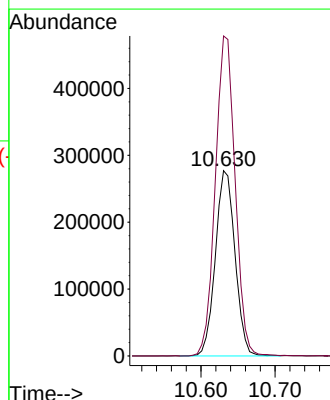
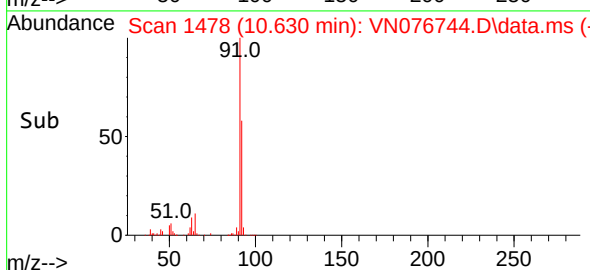
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

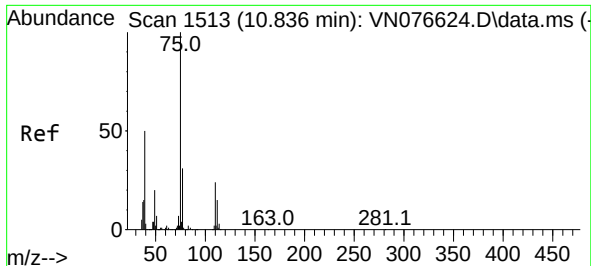


#52
Toluene
Concen: 54.688 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion: 92 Resp: 510015
Ion Ratio Lower Upper
92 100
91 174.4 138.0 207.0





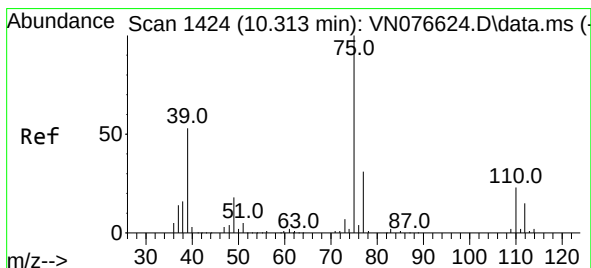
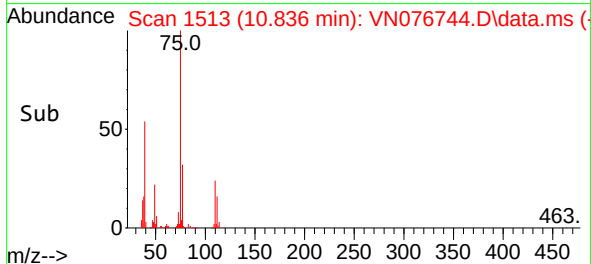
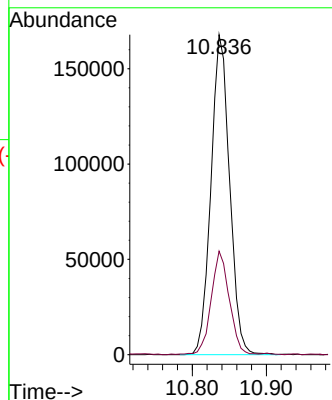
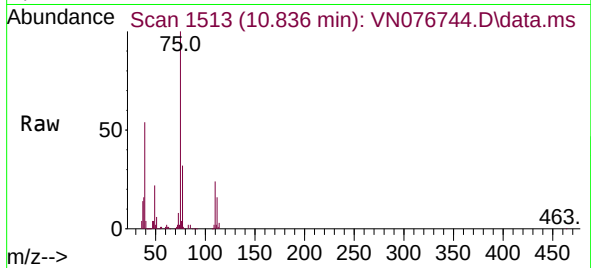
#53
t-1,3-Dichloropropene
Concen: 57.867 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 292733
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0

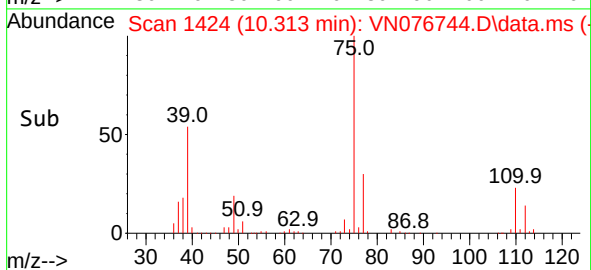
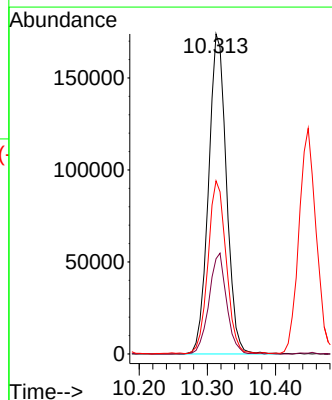
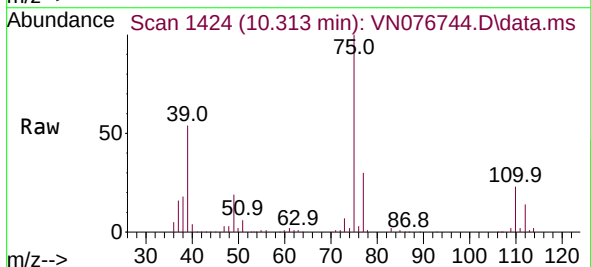
Manual Integrations
APPROVED

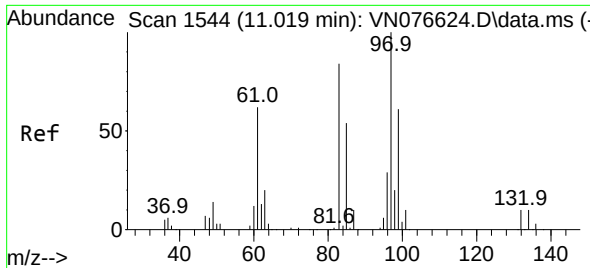
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 54.556 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

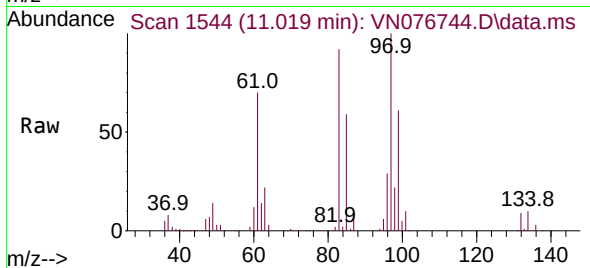
Tgt Ion: 75 Resp: 318338
Ion Ratio Lower Upper
75 100
77 29.7 25.1 37.7
39 53.9 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 52.415 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

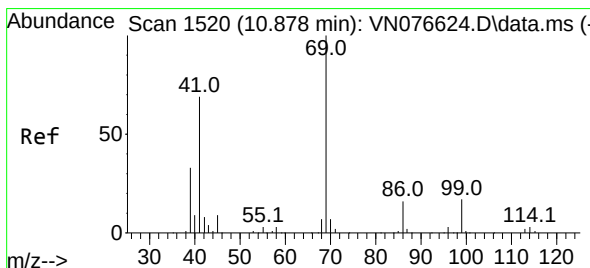
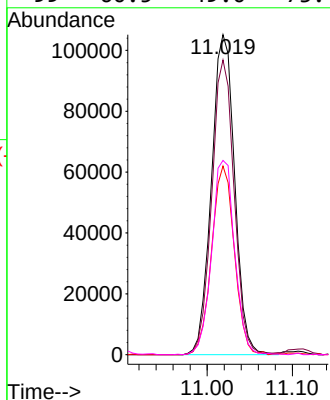
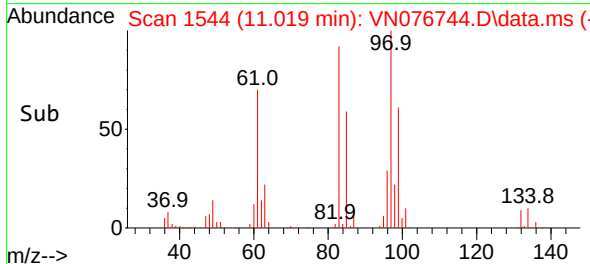
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



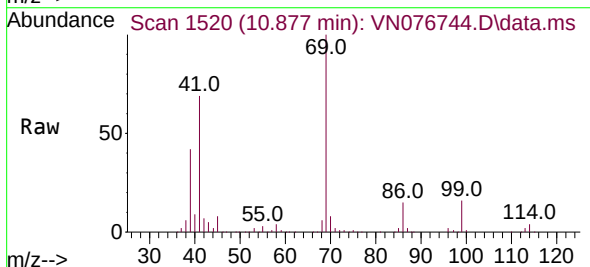
Tgt Ion: 97 Resp: 198760
Ion Ratio Lower Upper
97 100
83 92.1 67.3 100.9
85 58.9 43.2 64.8
99 60.5 49.0 73.4

Manual Integrations
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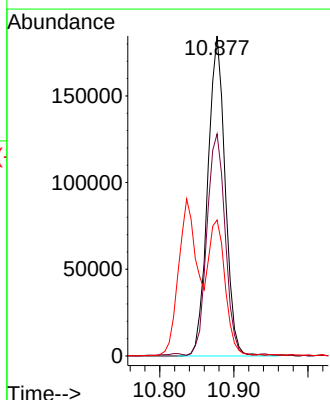
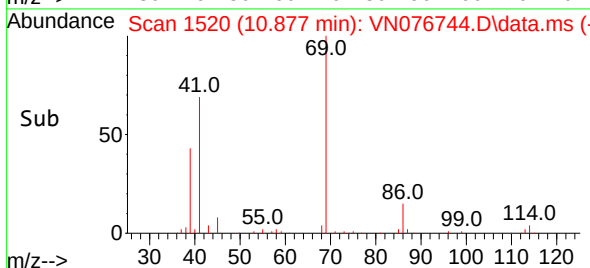
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

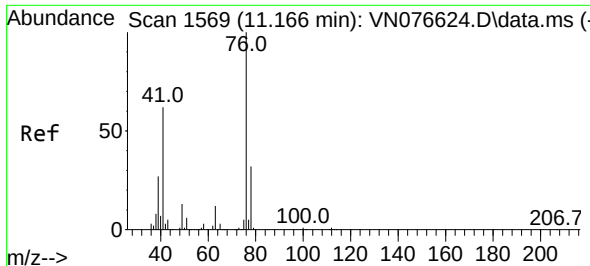


#56
Ethyl methacrylate
Concen: 56.356 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



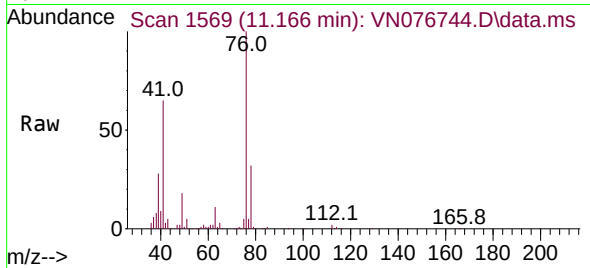
Tgt Ion: 69 Resp: 300818
Ion Ratio Lower Upper
69 100
41 72.0 55.1 82.7
39 39.7 30.7 46.1





#57
1,3-Dichloropropane
Concen: 52.776 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

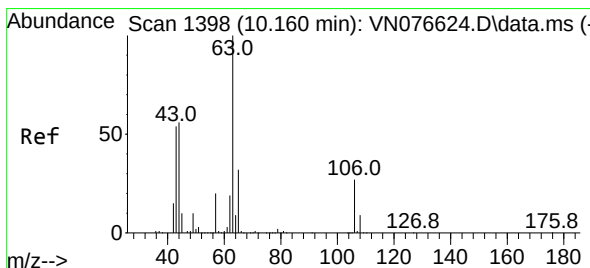
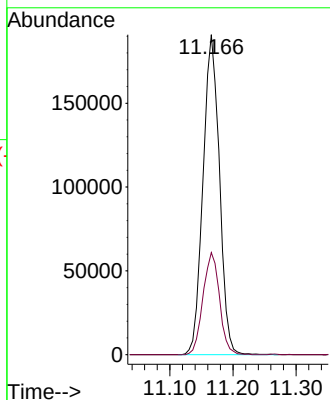
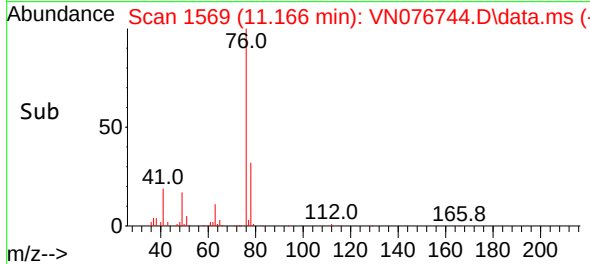
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 34384
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

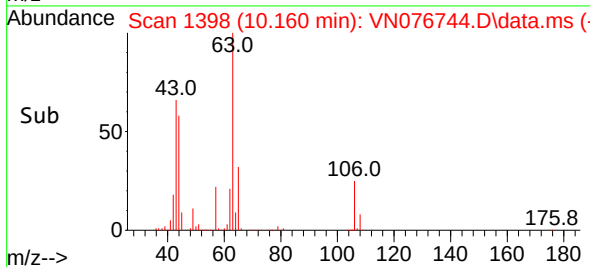
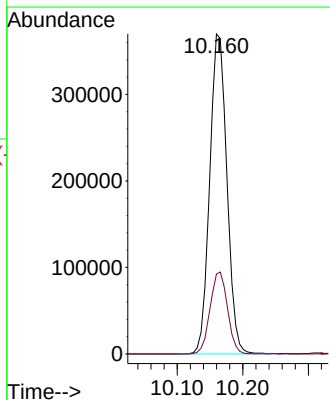
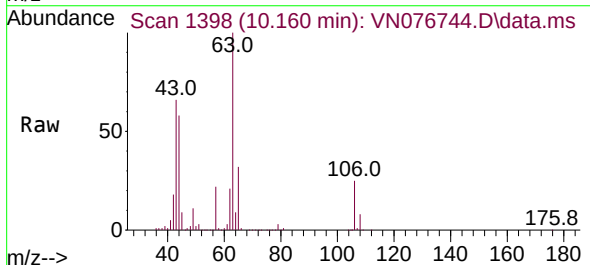
Manual Integrations
APPROVED

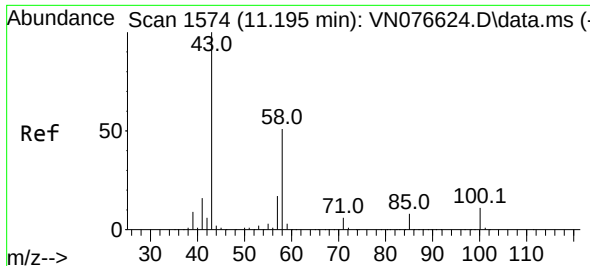
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 275.419 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion: 63 Resp: 673287
Ion Ratio Lower Upper
63 100
106 25.9 22.3 33.5





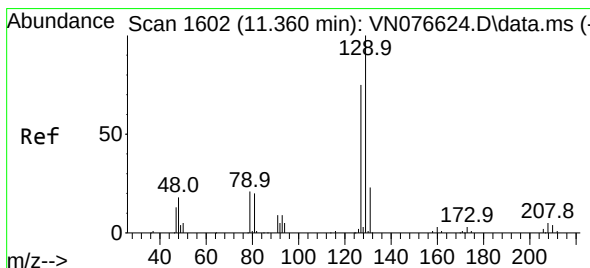
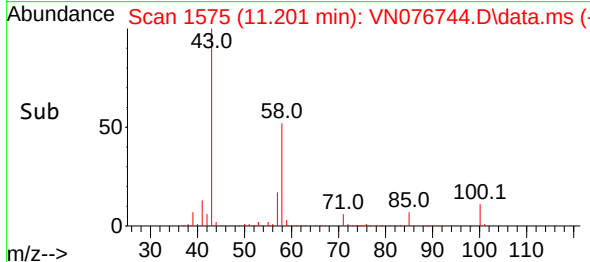
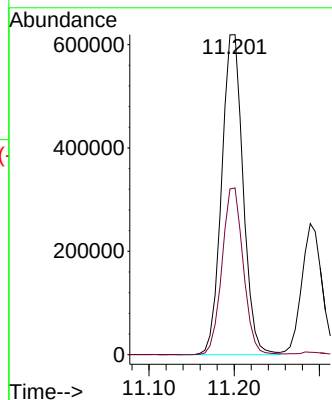
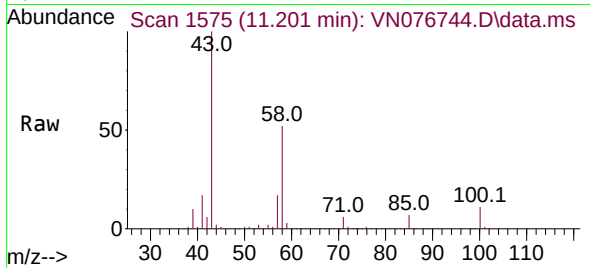
#59
2-Hexanone
Concen: 274.289 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108362
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.0

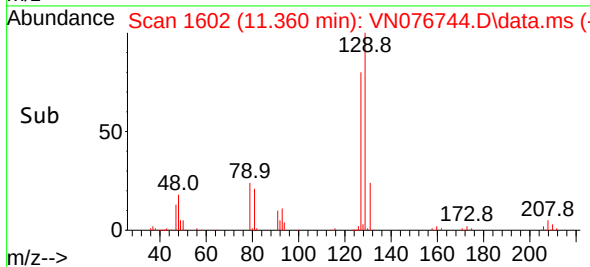
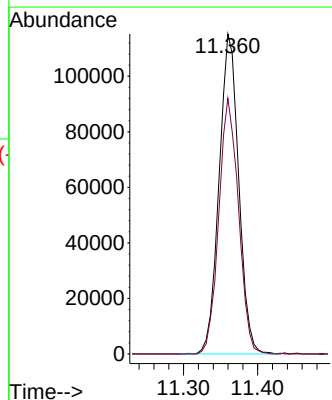
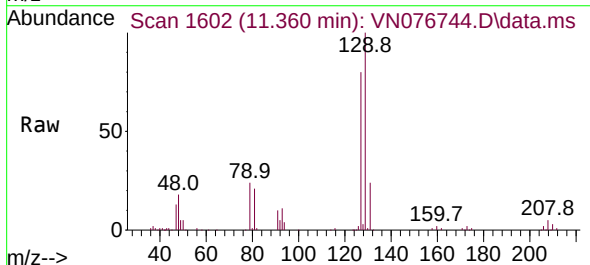
Manual Integrations
APPROVED

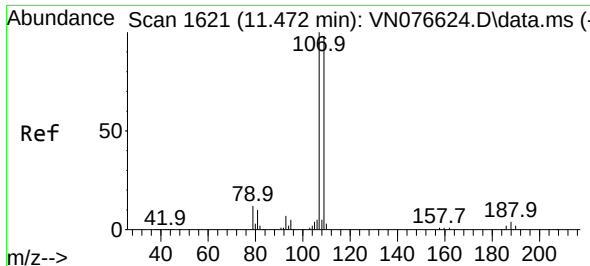
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 52.909 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

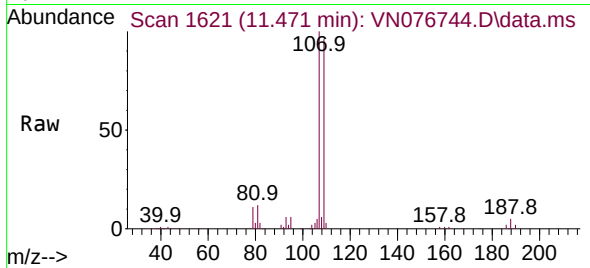
Tgt Ion:129 Resp: 211462
Ion Ratio Lower Upper
129 100
127 80.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.372 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

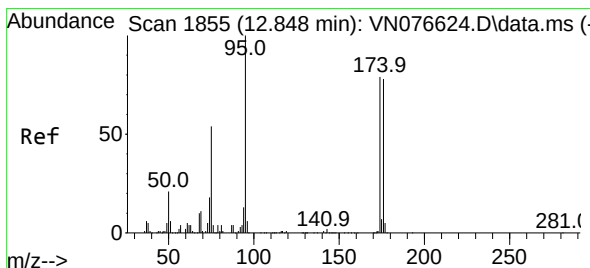
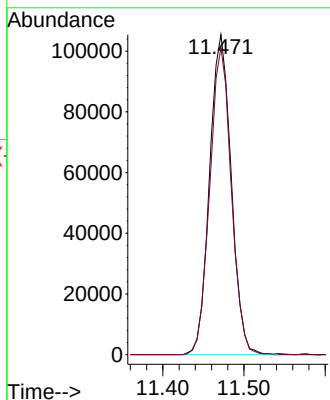
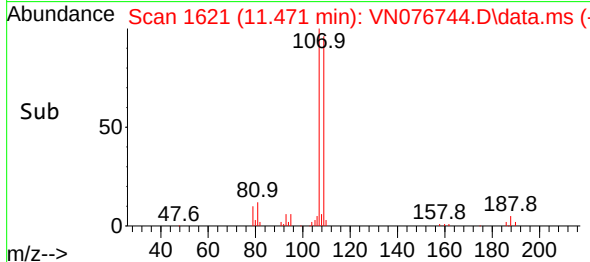
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



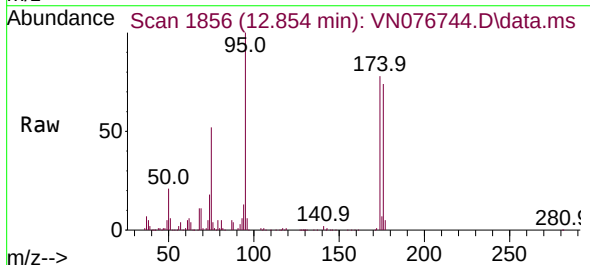
Tgt Ion:107 Resp: 19499
Ion Ratio Lower Upper
107 100
109 95.4 76.8 115.2

Manual Integrations
APPROVED

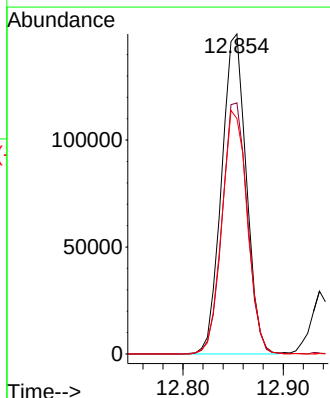
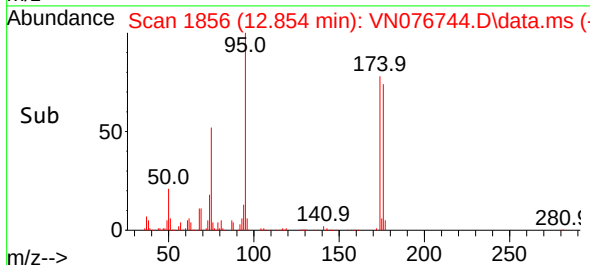
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

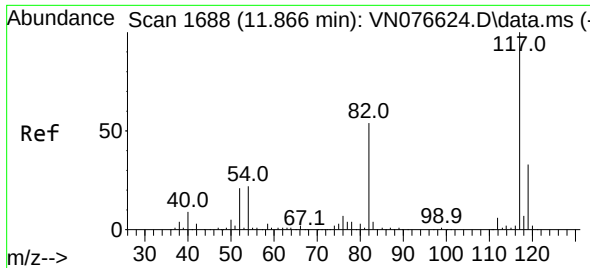


#62
4-Bromofluorobenzene
Concen: 59.647 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



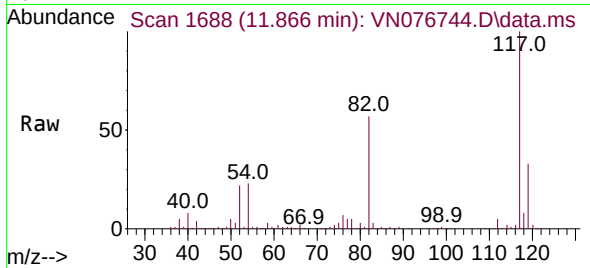
Tgt Ion: 95 Resp: 256845
Ion Ratio Lower Upper
95 100
174 79.5 0.0 169.2
176 78.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

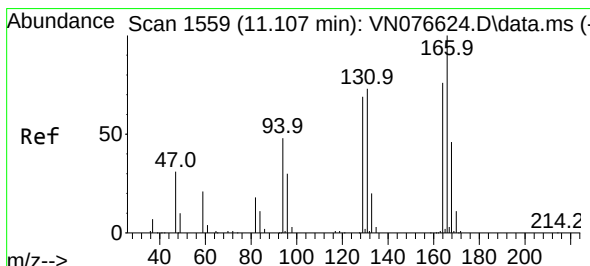
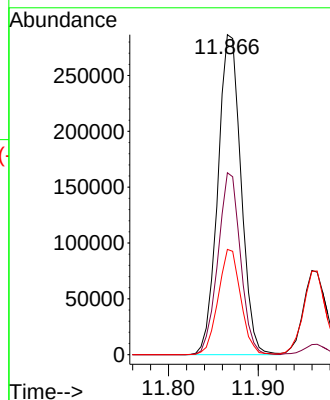
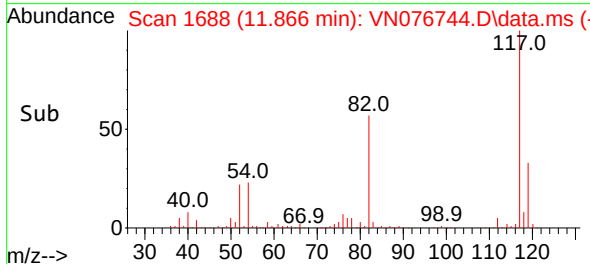
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



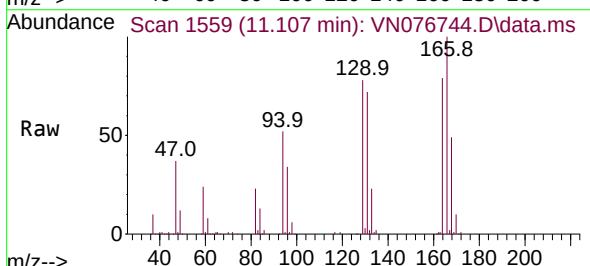
Tgt Ion:117 Resp: 51373
Ion Ratio Lower Upper
117 100
82 56.8 43.4 65.2
119 32.9 26.1 39.1

Manual Integrations
APPROVED

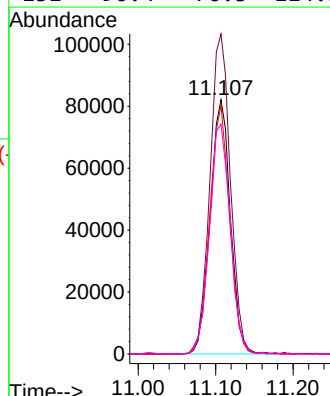
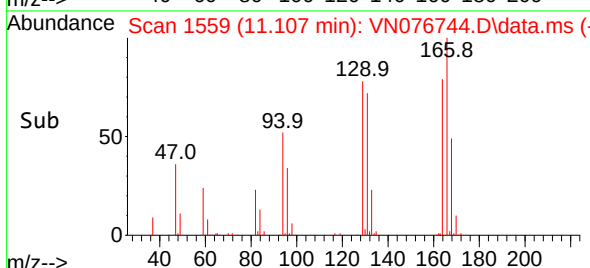
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

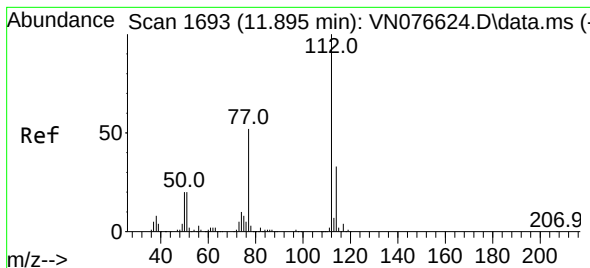


#64
Tetrachloroethene
Concen: 45.893 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion:164 Resp: 148579
Ion Ratio Lower Upper
164 100
166 125.9 104.8 157.2
129 97.8 72.2 108.2
131 90.4 76.3 114.5





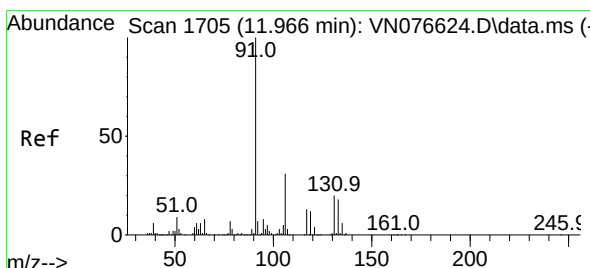
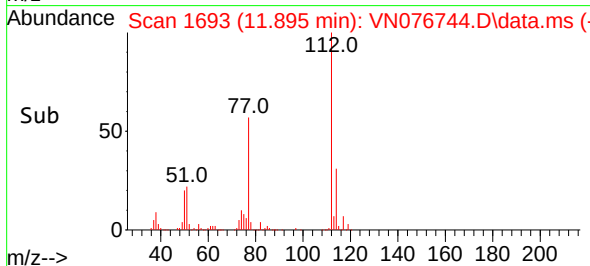
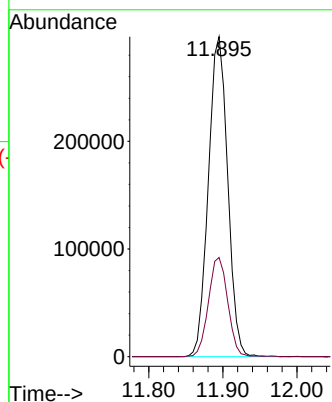
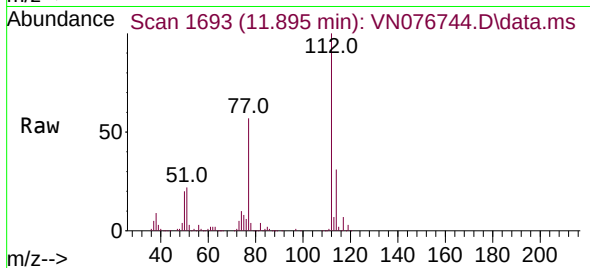
#65
Chlorobenzene
Concen: 49.396 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 537790
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6

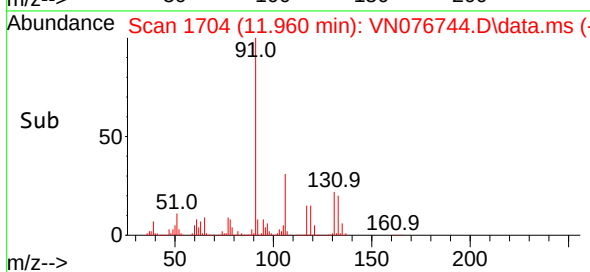
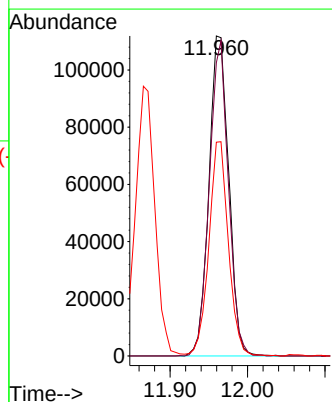
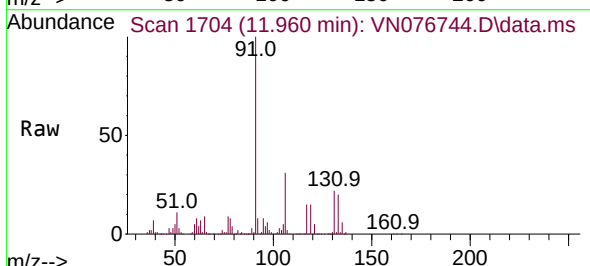
Manual Integrations
APPROVED

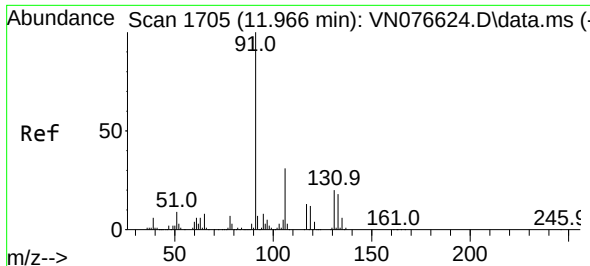
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.296 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

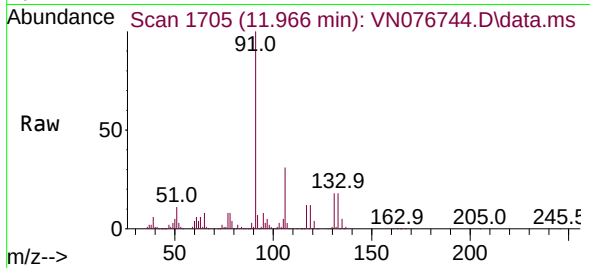
Tgt Ion:131 Resp: 198899
Ion Ratio Lower Upper
131 100
133 94.8 47.0 141.0
119 66.0 32.3 96.8





#67
Ethyl Benzene
Concen: 53.521 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

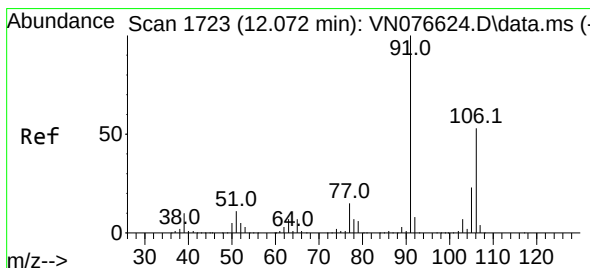
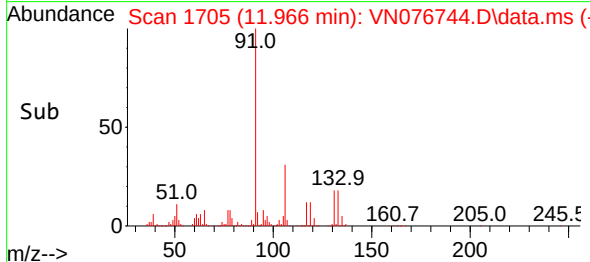
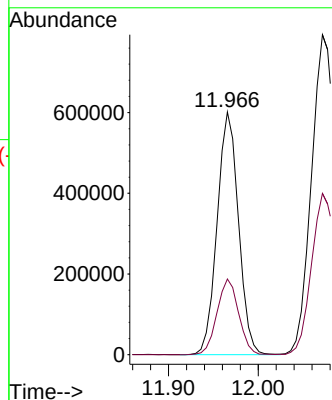
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 99274
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

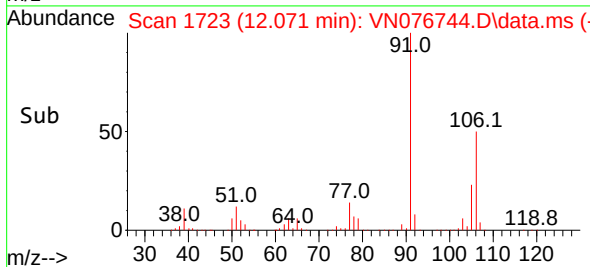
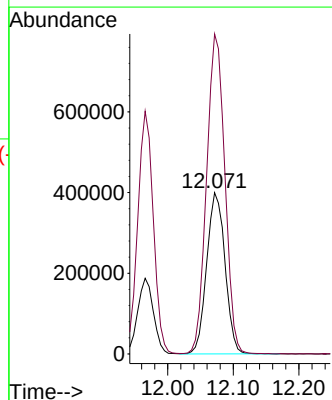
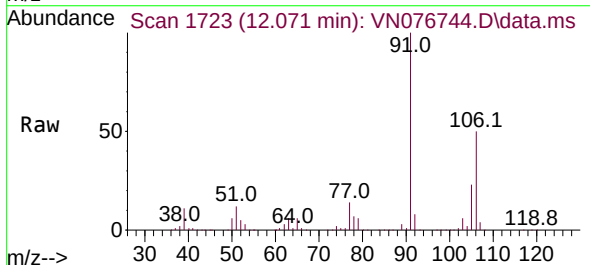
Manual Integrations
APPROVED

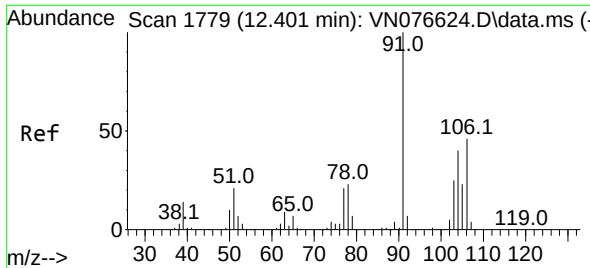
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 108.651 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion:106 Resp: 776811
Ion Ratio Lower Upper
106 100
91 197.9 154.7 232.1





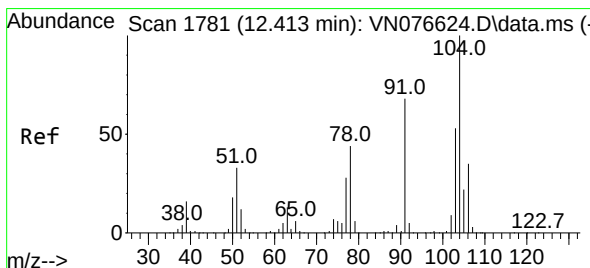
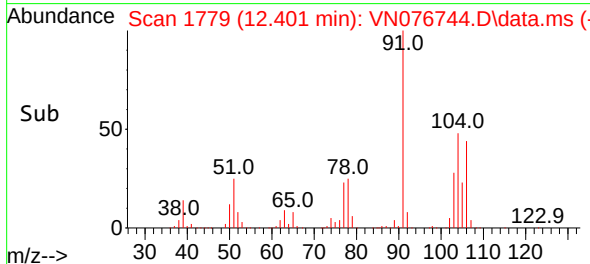
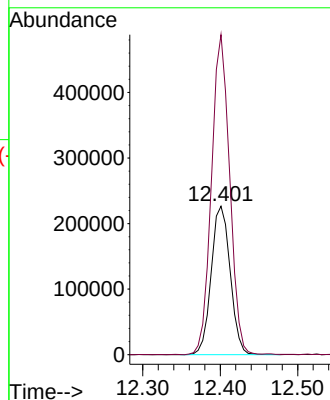
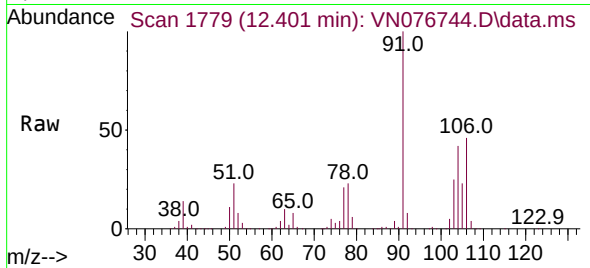
#69
o-Xylene
Concen: 55.314 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 385694
Ion Ratio Lower Upper
106 100
91 207.0 105.8 317.4

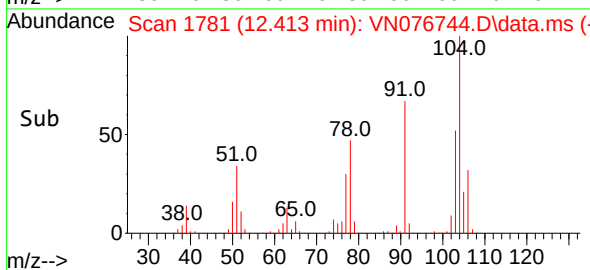
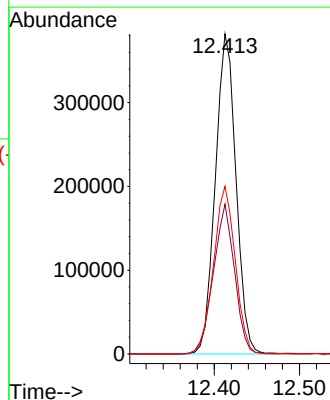
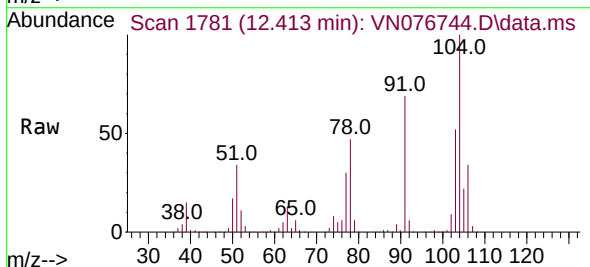
Manual Integrations
APPROVED

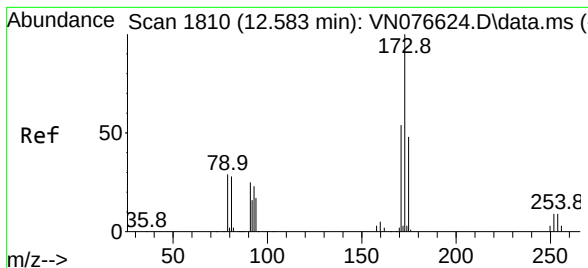
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 57.202 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion:104 Resp: 644997
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.4
103 55.0 44.2 66.4





#71

Bromoform

Concen: 52.795 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 153144

Ion Ratio Lower Upper

173 100

175 49.2 24.9 74.7

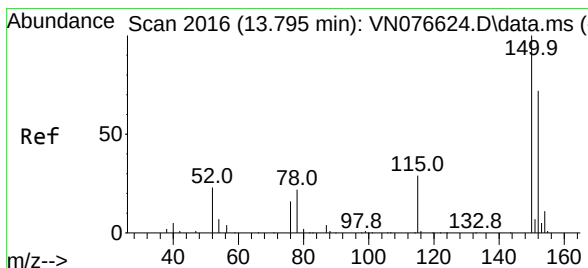
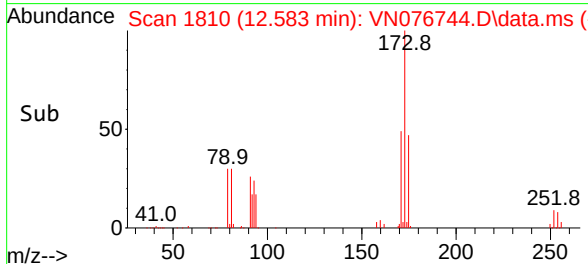
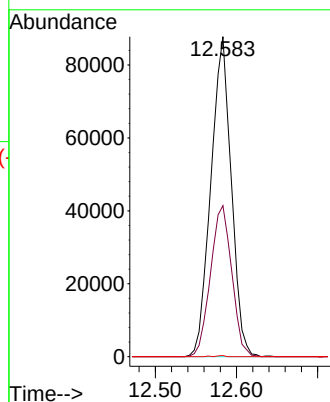
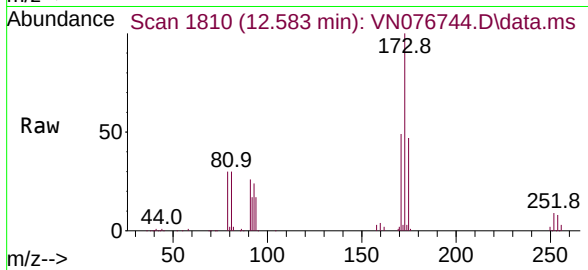
254 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076744.D

Acq: 21 Feb 2023 09:59

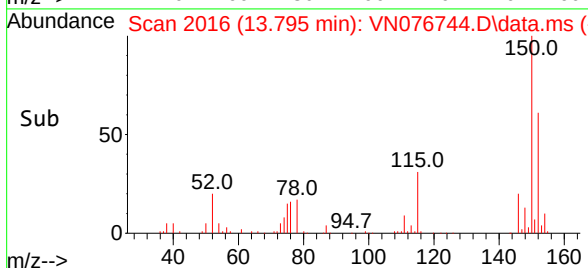
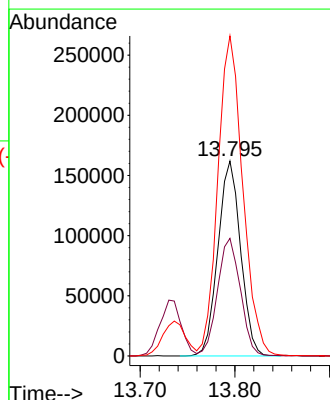
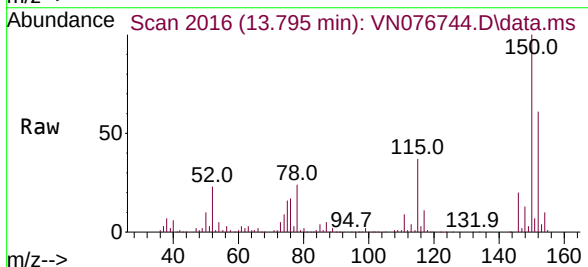
Tgt Ion:152 Resp: 269746

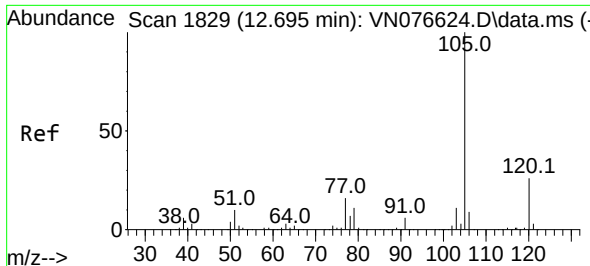
Ion Ratio Lower Upper

152 100

115 60.6 29.3 87.9

150 180.6 0.0 349.8





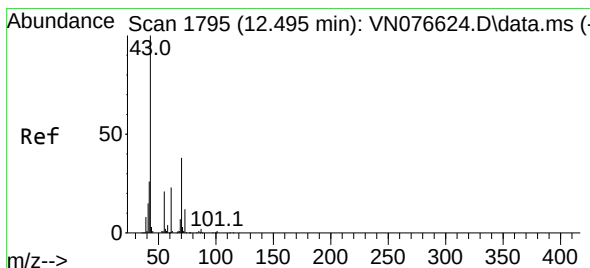
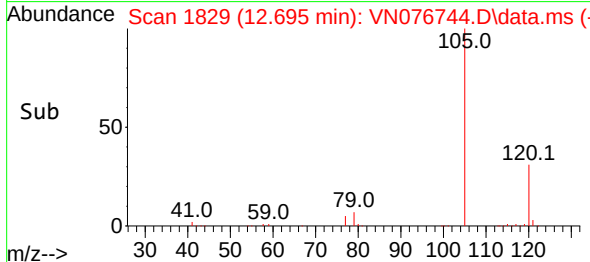
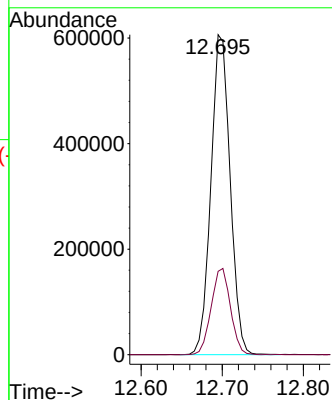
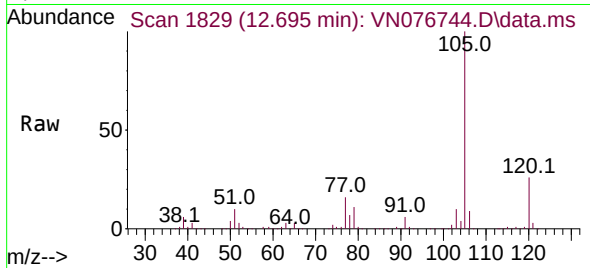
#73
Isopropylbenzene
Concen: 50.438 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 997225
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0

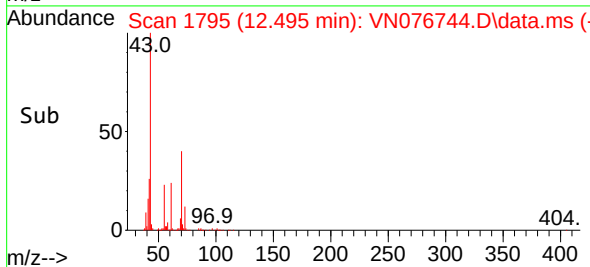
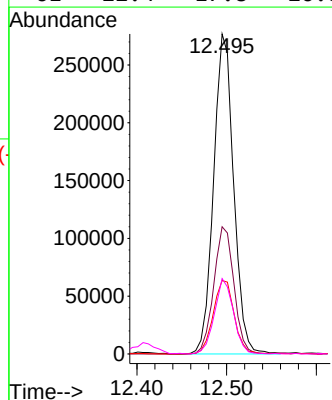
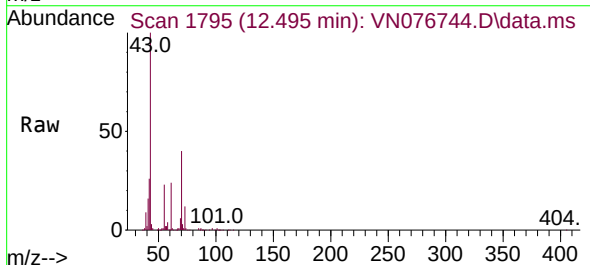
Manual Integrations
APPROVED

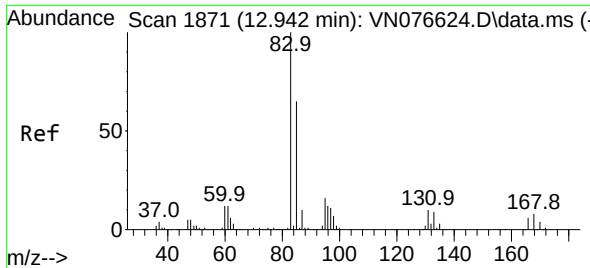
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 48.157 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

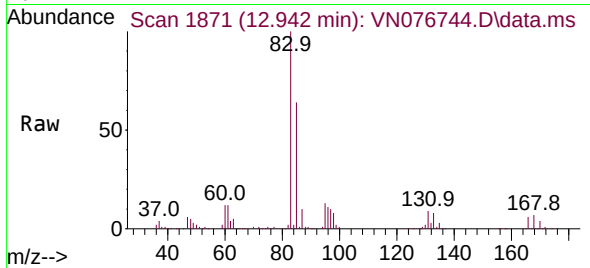
Tgt Ion: 43 Resp: 429162
Ion Ratio Lower Upper
43 100
70 40.0 30.5 45.7
55 24.2 17.8 26.8
61 22.4 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.279 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

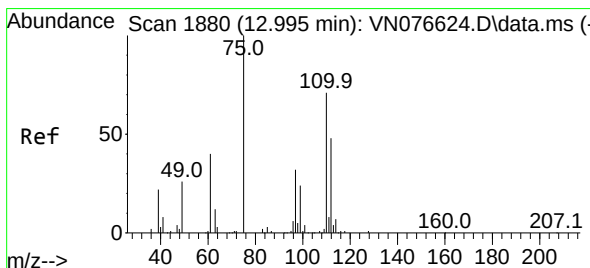
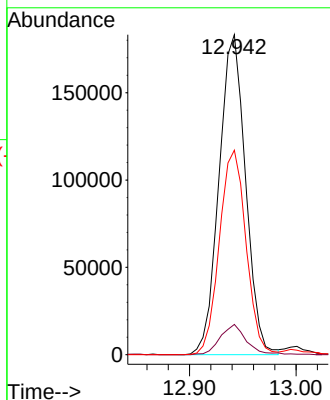
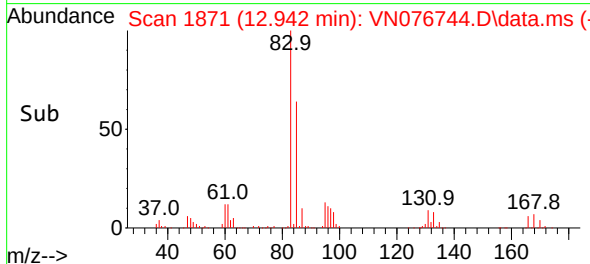
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



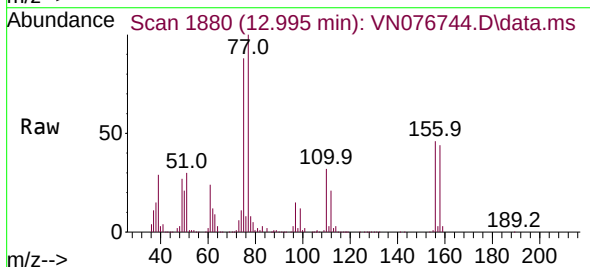
Tgt Ion: 83 Resp: 316892
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.1 31.8 95.3

Manual Integrations
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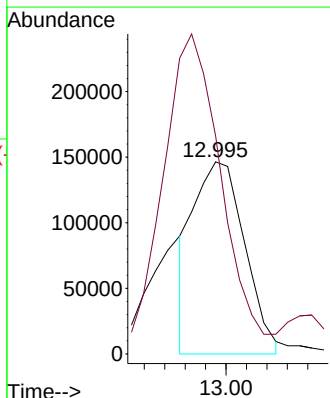
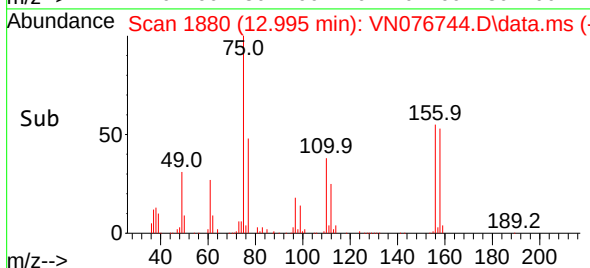
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

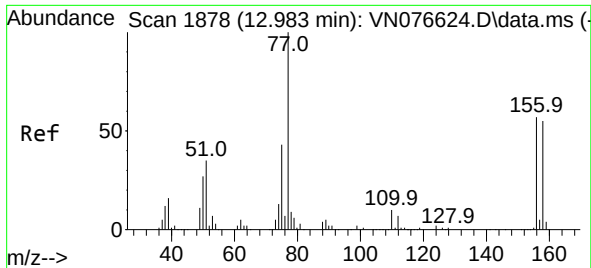


#76
1,2,3-Trichloropropane
Concen: 46.819 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



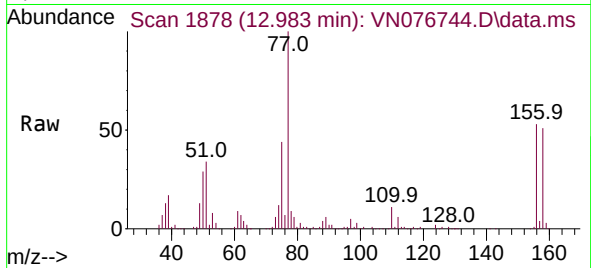
Tgt Ion: 75 Resp: 255328
Ion Ratio Lower Upper
75 100
77 189.9 93.1 279.3





#77
Bromobenzene
Concen: 46.667 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

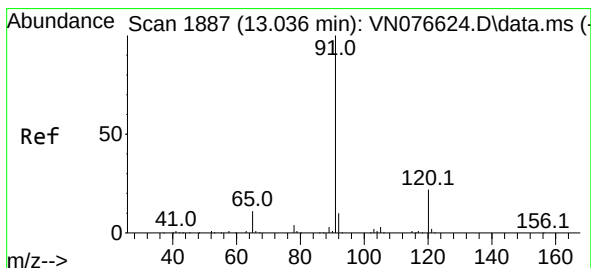
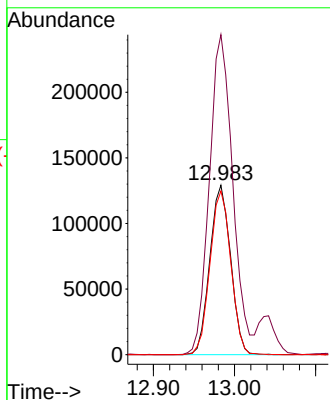
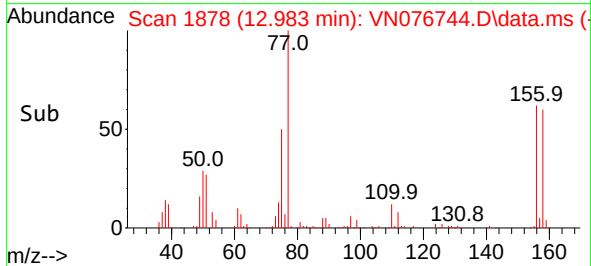
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 230200
Ion Ratio Lower Upper
156 100
77 210.6 102.8 308.4
158 96.8 48.9 146.6

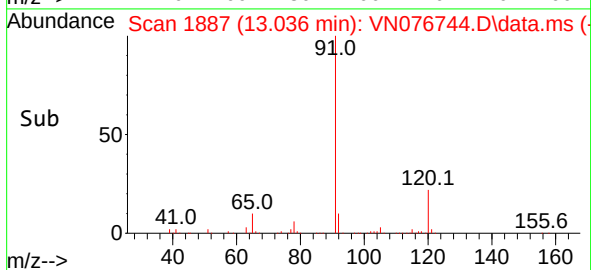
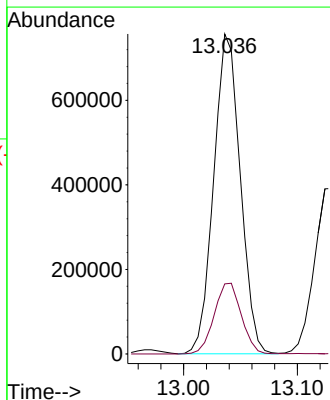
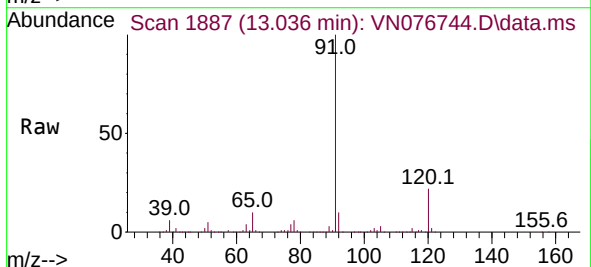
Manual Integrations
APPROVED

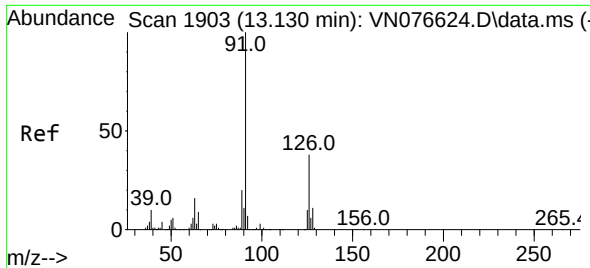
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#78
n-propylbenzene
Concen: 53.004 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion: 91 Resp: 1230575
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5





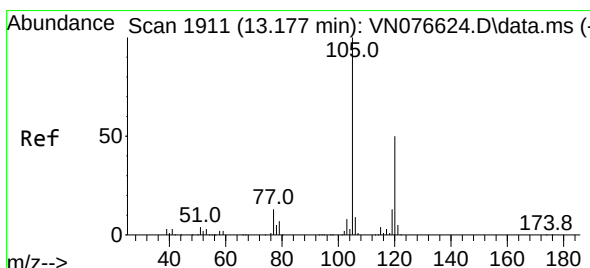
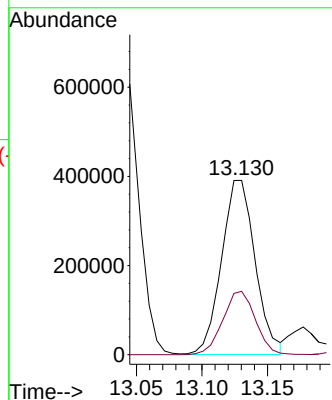
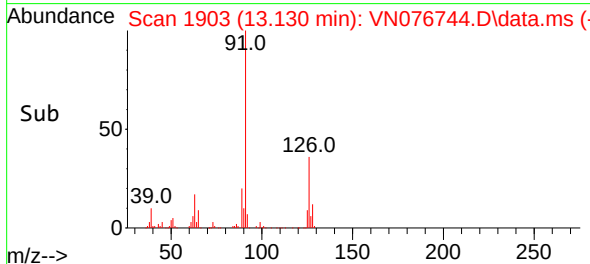
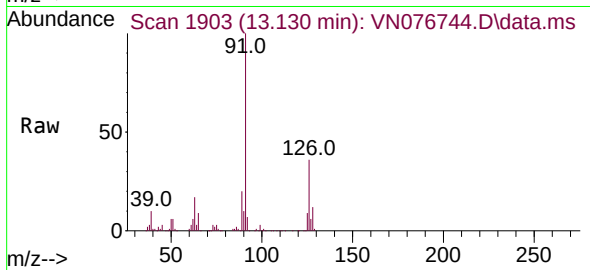
#79
2-Chlorotoluene
Concen: 49.019 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 696830
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1

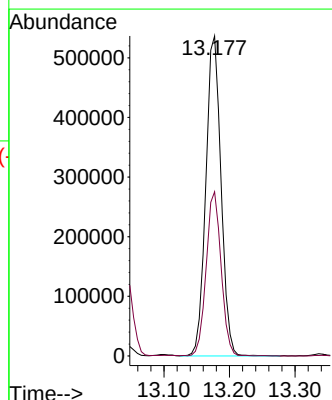
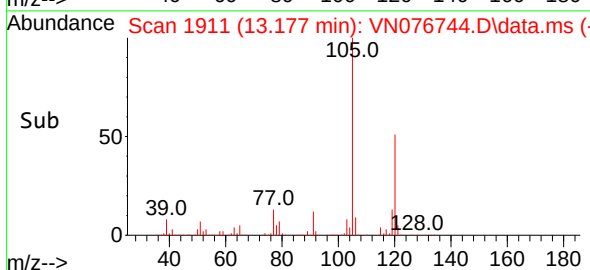
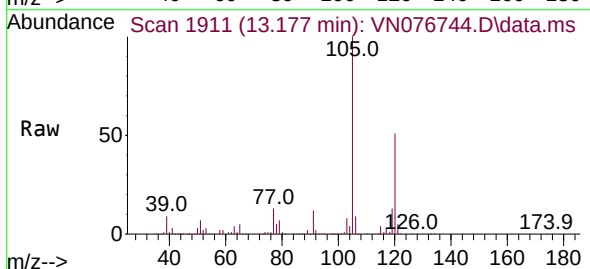
Manual Integrations
APPROVED

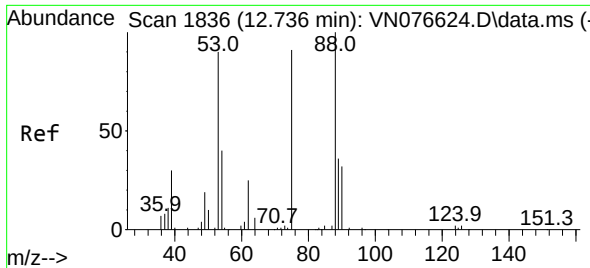
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.972 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

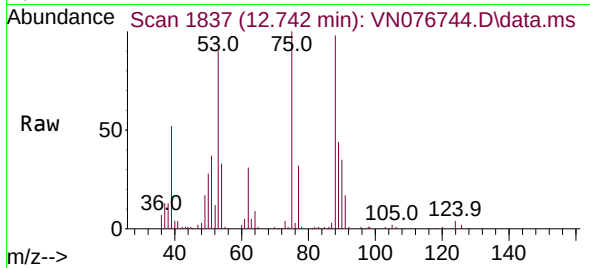
Tgt Ion:105 Resp: 865548
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 57.884 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

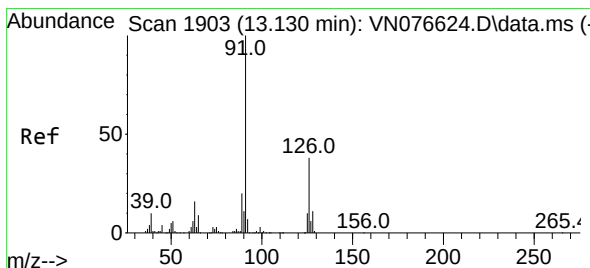
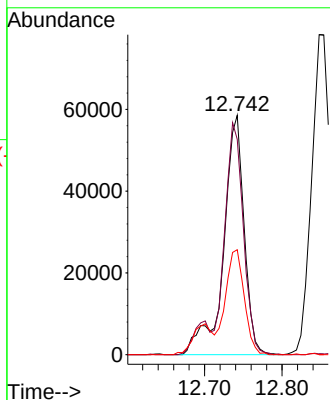
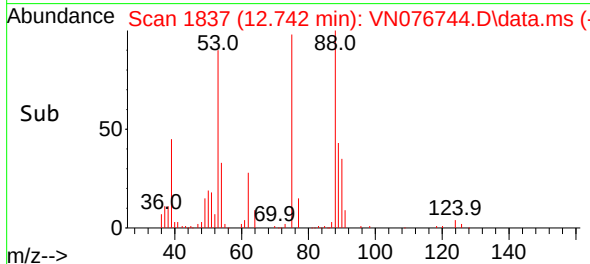
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



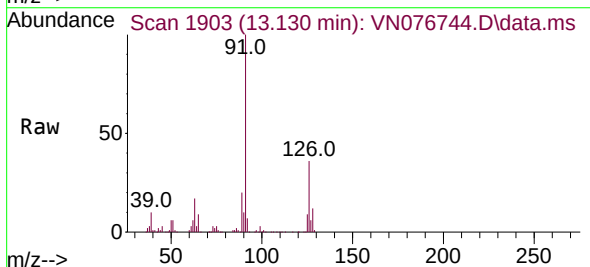
Tgt Ion: 75 Resp: 10838
Ion Ratio Lower Upper
75 100
53 87.6 92.1 138.1
89 40.0 37.5 56.3

Manual Integrations
APPROVED

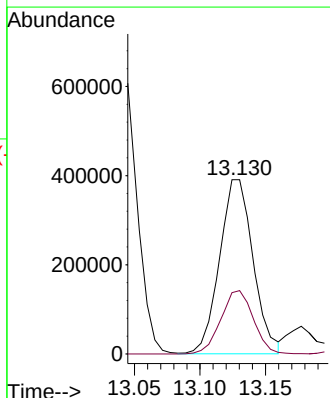
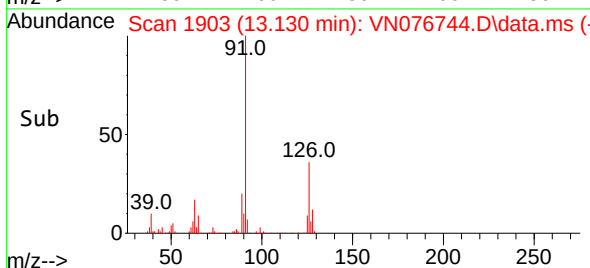
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

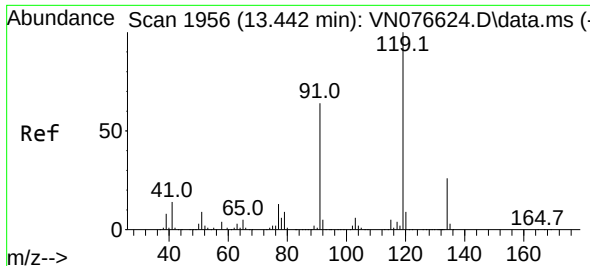


#82
4-Chlorotoluene
Concen: 49.019 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion: 91 Resp: 696830
Ion Ratio Lower Upper
91 100
126 35.2 17.7 53.1





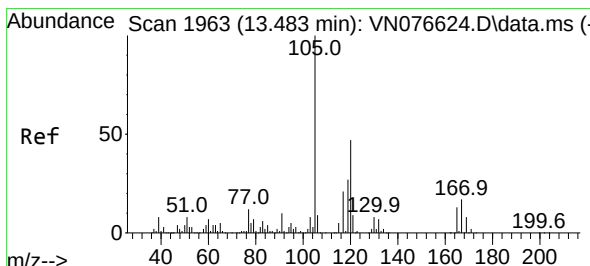
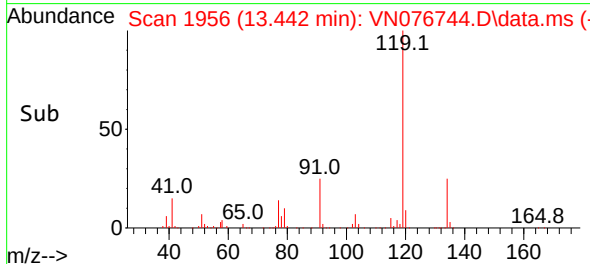
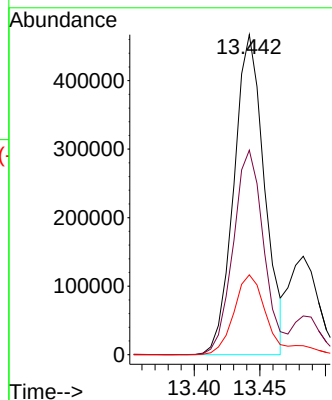
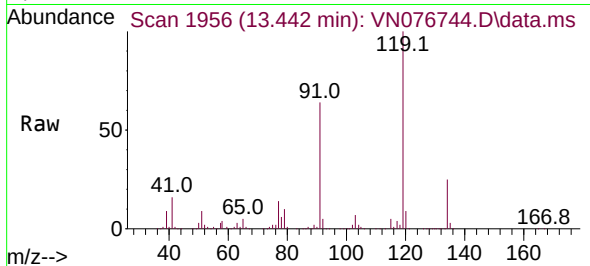
#83
tert-Butylbenzene
Concen: 51.295 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 758224
Ion Ratio Lower Upper
119 100
91 64.6 32.0 96.2
134 27.8 13.8 41.4

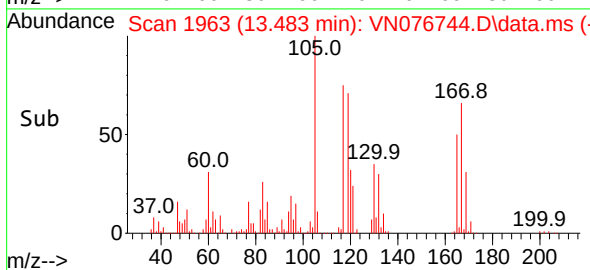
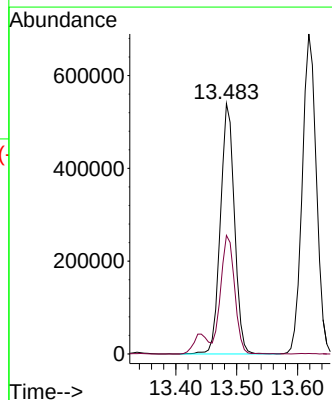
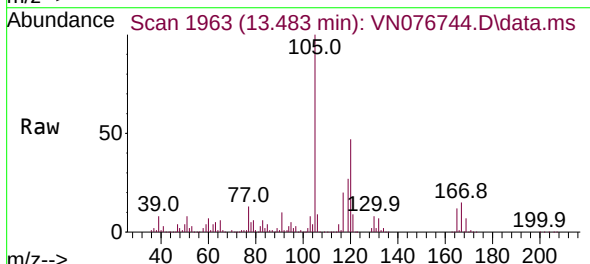
Manual Integrations
APPROVED

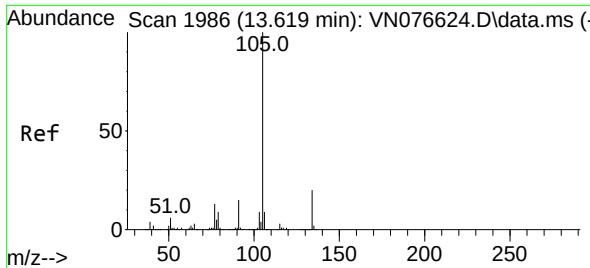
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.965 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

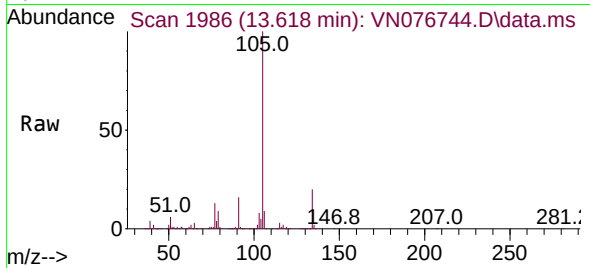
Tgt Ion:105 Resp: 862520
Ion Ratio Lower Upper
105 100
120 46.8 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 53.653 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59

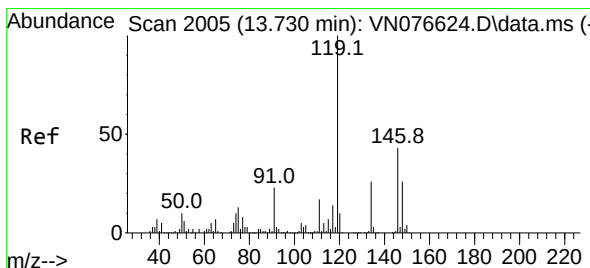
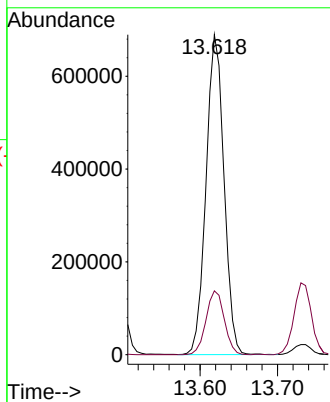
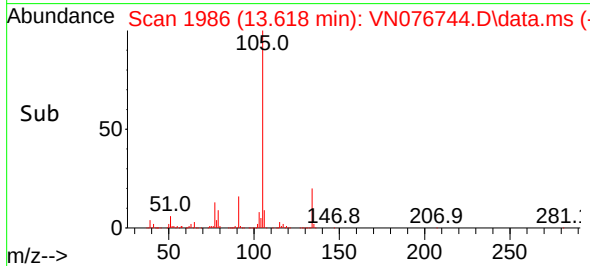
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



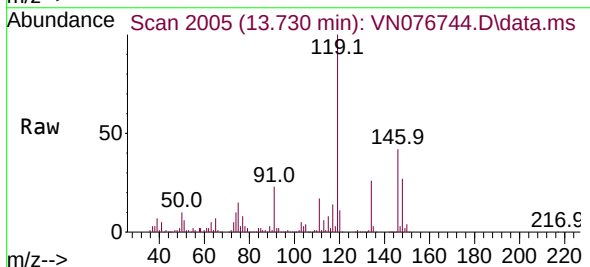
Tgt Ion:105 Resp: 110726
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.5 31.5

Manual Integrations
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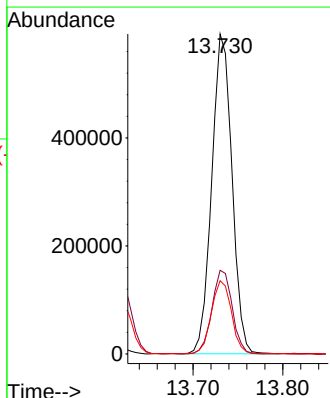
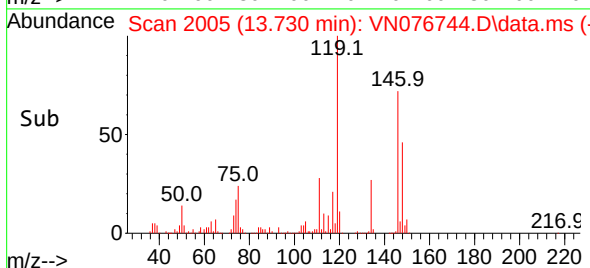
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

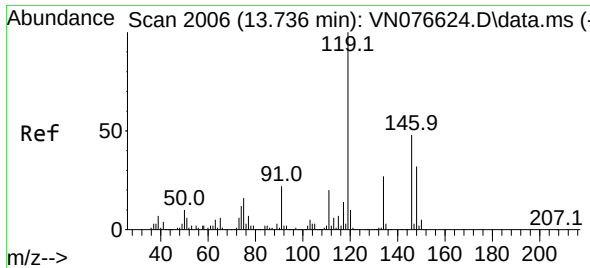


#86
 p-Isopropyltoluene
 Concen: 56.281 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59



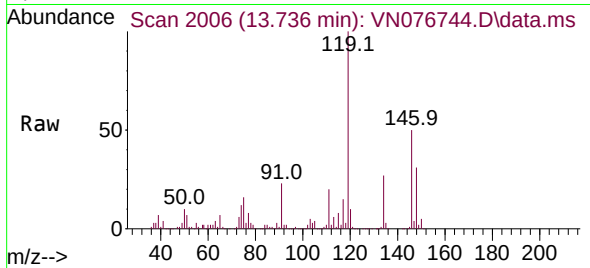
Tgt Ion:119 Resp: 927490
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 22.6 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 50.145 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59

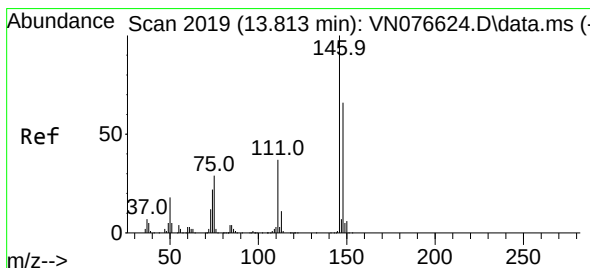
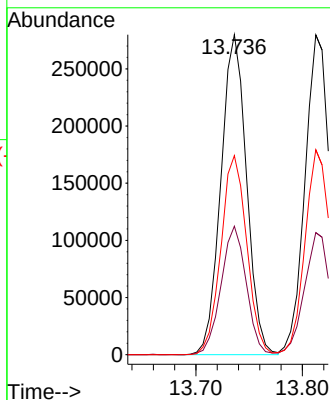
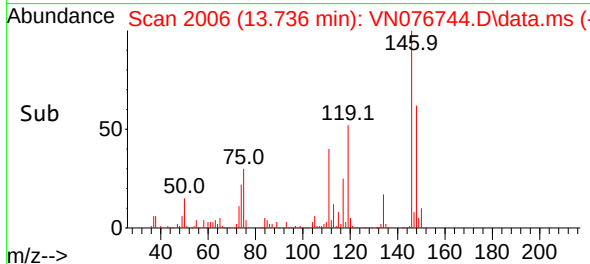
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



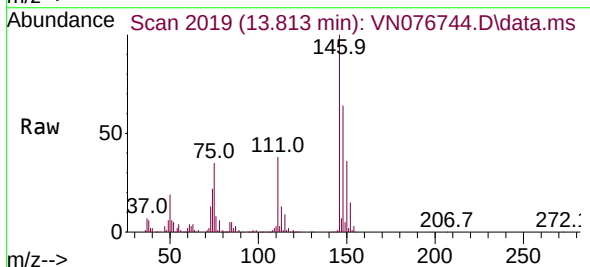
Tgt Ion:146 Resp: 467584
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 62.6 32.0 96.2

Manual Integrations
 APPROVED

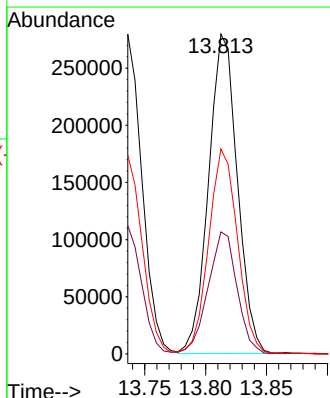
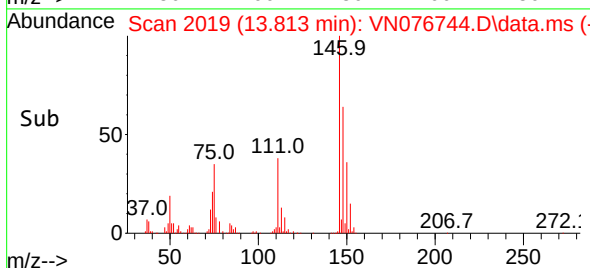
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

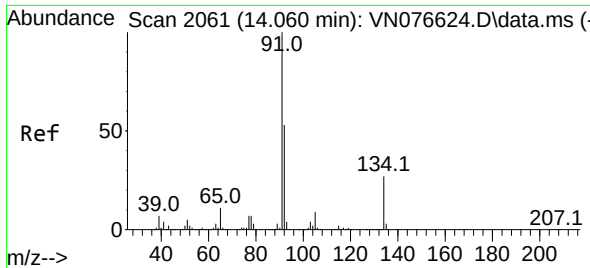


#88
 1,4-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN076744.D
 Acq: 21 Feb 2023 09:59



Tgt Ion:146 Resp: 458958
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.8 32.7 98.1





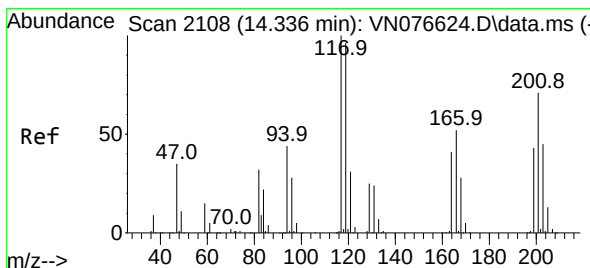
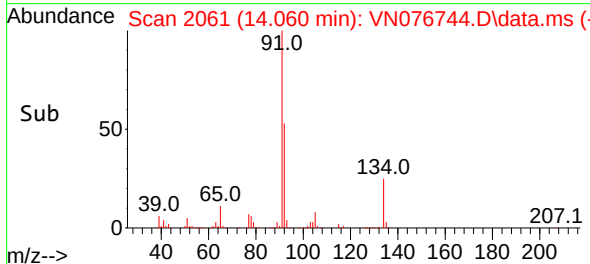
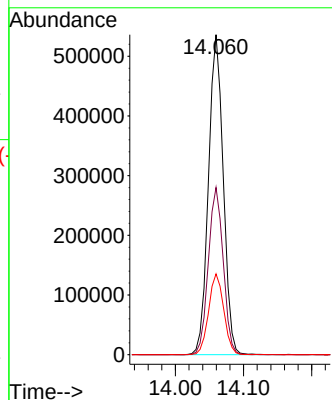
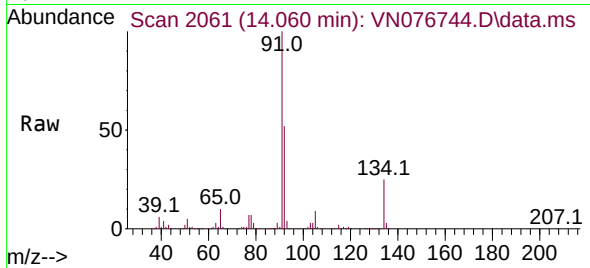
#89
n-Butylbenzene
Concen: 56.539 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 810372
Ion Ratio Lower Upper
91 100
92 52.6 26.4 79.0
134 25.8 13.2 39.5

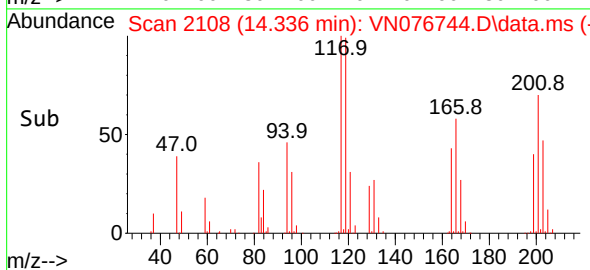
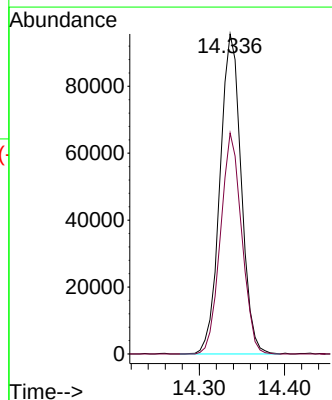
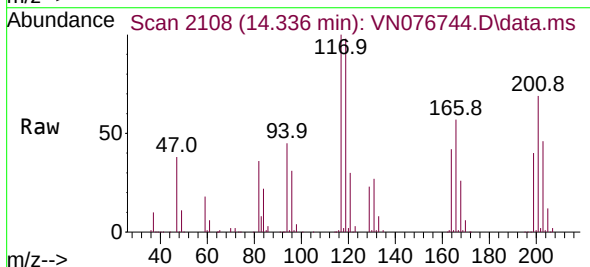
Manual Integrations
APPROVED

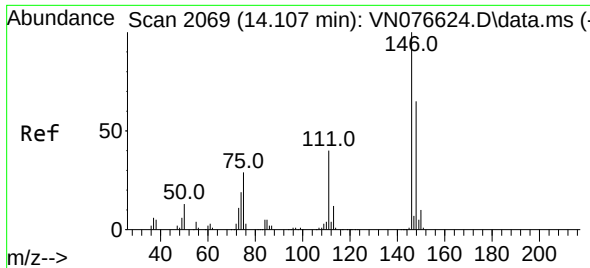
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 48.002 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Tgt Ion:117 Resp: 165632
Ion Ratio Lower Upper
117 100
201 68.7 35.5 106.7





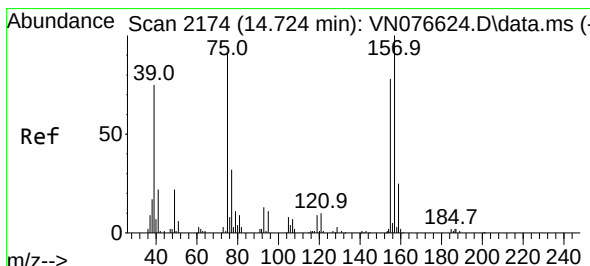
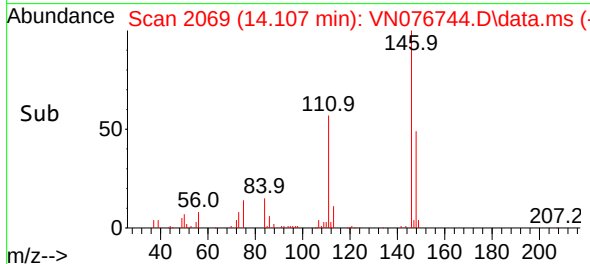
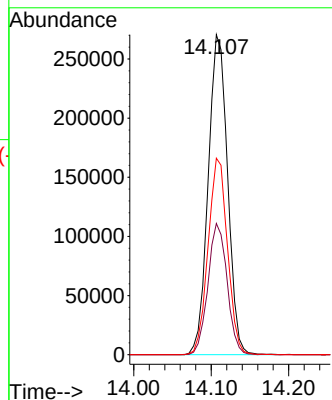
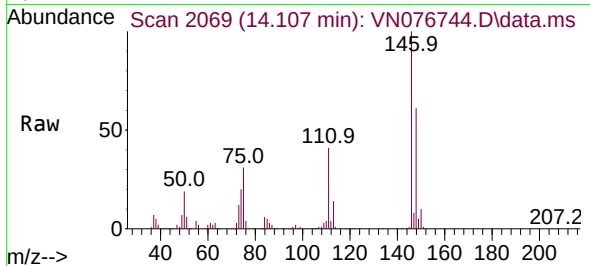
#91
1,2-Dichlorobenzene
Concen: 49.150 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 469850
Ion Ratio Lower Upper
146 100
111 40.5 20.0 59.9
148 61.4 32.4 97.2

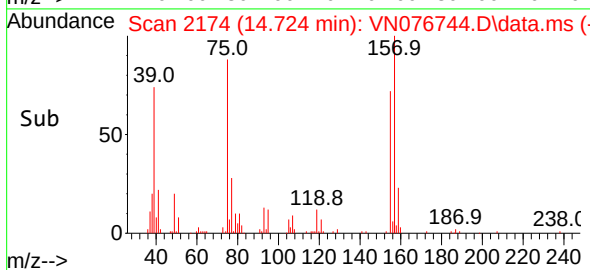
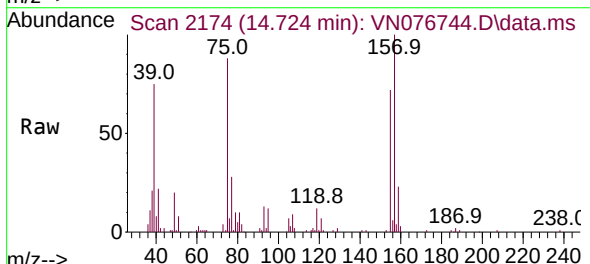
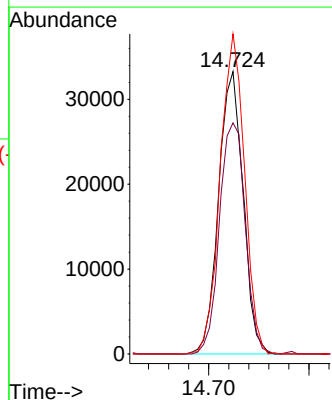
Manual Integrations
APPROVED

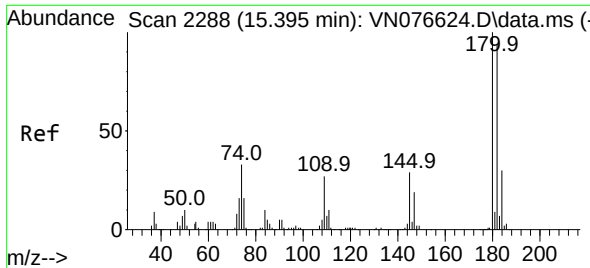
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.778 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

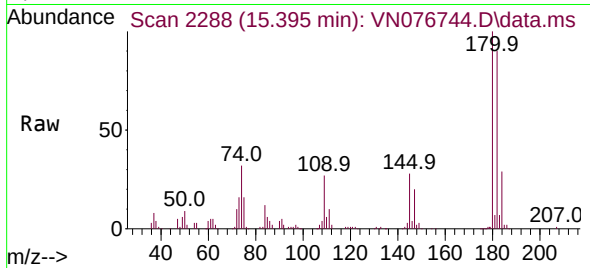
Tgt Ion: 75 Resp: 56540
Ion Ratio Lower Upper
75 100
155 85.7 43.4 130.2
157 112.5 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 50.761 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

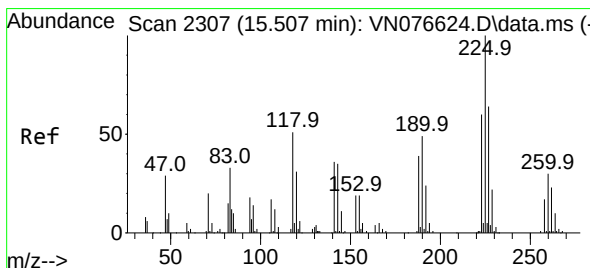
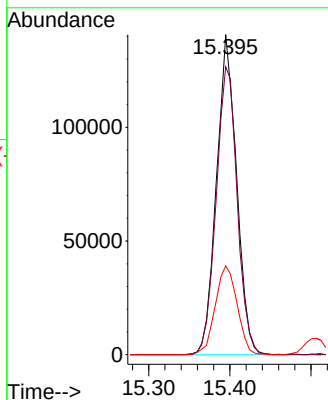
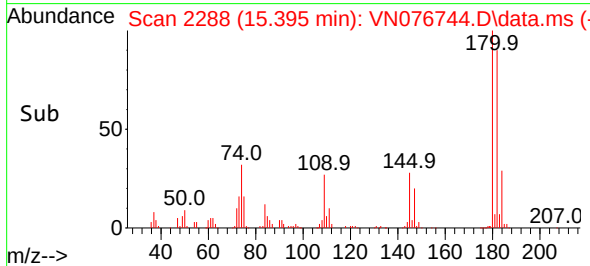
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



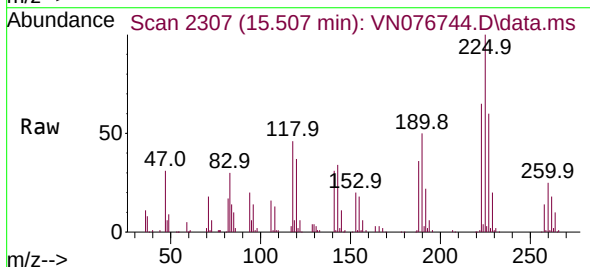
Tgt Ion:180 Resp: 24205
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.0
145 30.2 15.2 45.6

Manual Integrations
APPROVED

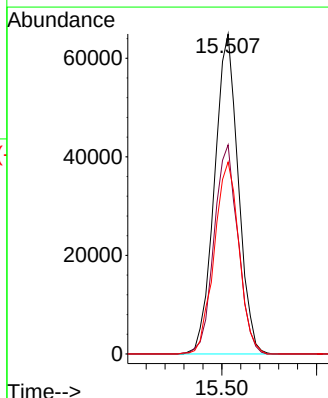
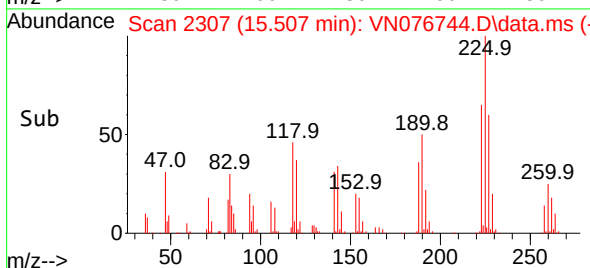
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

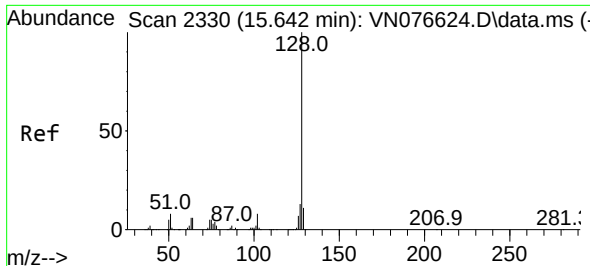


#94
Hexachlorobutadiene
Concen: 48.477 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



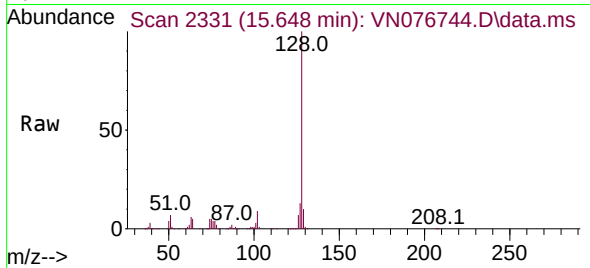
Tgt Ion:225 Resp: 113296
Ion Ratio Lower Upper
225 100
223 65.7 31.6 95.0
227 62.4 31.3 93.9





#95
Naphthalene
Concen: 52.126 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59

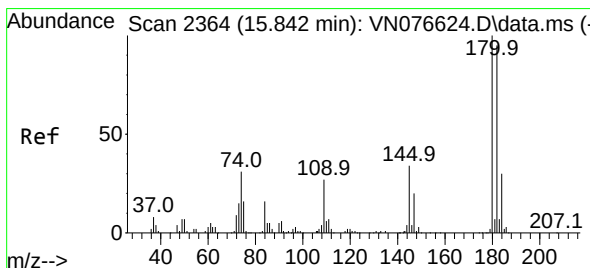
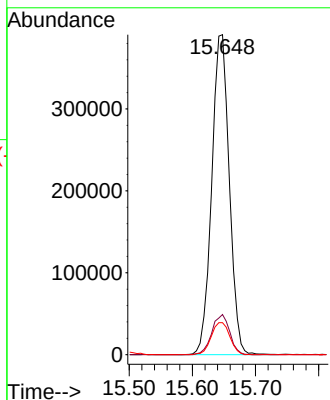
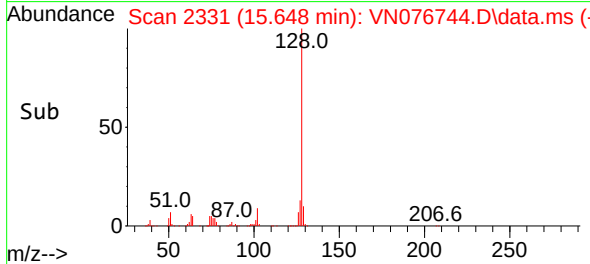
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



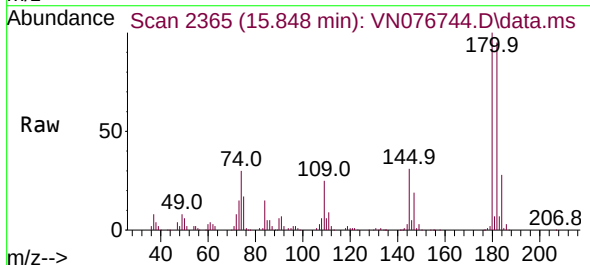
Tgt Ion:128 Resp: 754275
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.363 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076744.D
Acq: 21 Feb 2023 09:59



Tgt Ion:180 Resp: 232669
Ion Ratio Lower Upper
180 100
182 98.3 46.7 140.1
145 33.0 16.0 47.9

