

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076839.D
 Acq On : 28 Feb 2023 20:08
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 01 01:33:32 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	257553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	484687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	247826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189870	53.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.780%	
35) Dibromofluoromethane	8.166	113	154608	48.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.420%	
50) Toluene-d8	10.572	98	606973	51.204	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.400%	
62) 4-Bromofluorobenzene	12.854	95	223178	56.845	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	154384	56.452	ug/l	93
3) Chloromethane	2.378	50	199046	55.786	ug/l	100
4) Vinyl Chloride	2.525	62	197216	56.162	ug/l	93
5) Bromomethane	2.949	94	127049	59.711	ug/l	91
6) Chloroethane	3.125	64	136758	61.624	ug/l	96
7) Trichlorofluoromethane	3.507	101	253417	53.039	ug/l	97
8) Diethyl Ether	3.972	74	105551	57.331	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	153197	54.569	ug/l	99
10) Methyl Iodide	4.601	142	221181	63.797	ug/l	96
11) Tert butyl alcohol	5.537	59	143424	305.523	ug/l	99
12) 1,1-Dichloroethene	4.354	96	149458	56.221	ug/l	93
13) Acrolein	4.184	56	200601	284.634	ug/l	98
14) Allyl chloride	5.037	41	267086	57.984	ug/l	96
15) Acrylonitrile	5.731	53	495941	297.684	ug/l	99
16) Acetone	4.437	43	398482	250.836	ug/l	95
17) Carbon Disulfide	4.725	76	420596	59.923	ug/l	99
18) Methyl Acetate	5.037	43	317870	61.300	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	554363	61.852	ug/l	98
20) Methylene Chloride	5.290	84	179722	53.980	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	166056	55.491	ug/l	94
22) Diisopropyl ether	6.678	45	674845	62.464	ug/l	97
23) Vinyl Acetate	6.613	43	2581268	403.812	ug/l	97
24) 1,1-Dichloroethane	6.572	63	342973	57.924	ug/l	92
25) 2-Butanone	7.484	43	703713	300.305	ug/l	98
26) 2,2-Dichloropropane	7.495	77	251063	58.785	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	201438	56.754	ug/l	95
28) Bromochloromethane	7.819	49	143038	50.757	ug/l	91
29) Tetrahydrofuran	7.842	42	478254	312.377	ug/l	99
30) Chloroform	7.972	83	347862	58.801	ug/l	95
31) Cyclohexane	8.266	56	326596	58.543	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	296145	59.537	ug/l	96
36) 1,1-Dichloropropene	8.378	75	258774	56.426	ug/l	98
37) Ethyl Acetate	7.566	43	306366	63.493	ug/l	96
38) Carbon Tetrachloride	8.366	117	259100	56.005	ug/l	92
39) Methylcyclohexane	9.607	83	327053	62.739	ug/l	96
40) Benzene	8.613	78	813470	57.760	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	167022	59.751	ug/l	99
42) 1,2-Dichloroethane	8.672	62	274796	55.945	ug/l	99
43) Isopropyl Acetate	8.695	43	529420	67.428	ug/l	95
44) Trichloroethene	9.360	130	186185	55.943	ug/l	99
45) 1,2-Dichloropropane	9.625	63	212191	56.916	ug/l	99
46) Dibromomethane	9.713	93	137739	57.790	ug/l	96
47) Bromodichloromethane	9.889	83	277012	57.970	ug/l	97
48) Methyl methacrylate	9.683	41	228137	61.232	ug/l	99
49) 1,4-Dioxane	9.701	88	77227	1198.254	ug/l #	94
51) 4-Methyl-2-Pentanone	10.448	43	1563468	312.968	ug/l	99
52) Toluene	10.630	92	531810	62.545	ug/l	100
53) t-1,3-Dichloropropene	10.842	75	297666	64.538	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	321432	60.418	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	201334	58.231	ug/l	98
56) Ethyl methacrylate	10.877	69	314266	64.574	ug/l	98
57) 1,3-Dichloropropane	11.166	76	354456	59.671	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	654991	293.870	ug/l	98
59) 2-Hexanone	11.201	43	1142522	317.191	ug/l	99
60) Dibromochloromethane	11.360	129	210888	57.873	ug/l	97
61) 1,2-Dibromoethane	11.471	107	206350	59.625	ug/l	95
64) Tetrachloroethene	11.107	164	158299	53.739	ug/l	95
65) Chlorobenzene	11.895	112	543571	54.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	194873	54.160	ug/l	97
67) Ethyl Benzene	11.966	91	1011206	59.918	ug/l	99
68) m/p-Xylenes	12.071	106	801015	123.135	ug/l	98
69) o-Xylene	12.401	106	387346	61.054	ug/l	99
70) Styrene	12.413	104	649134	63.273	ug/l	99
71) Bromoform	12.583	173	154639	58.591	ug/l #	98
73) Isopropylbenzene	12.701	105	1009369	55.568	ug/l	100
74) N-amyl acetate	12.495	43	454495	55.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	320158	48.692	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	383217	76.485	ug/l	61
77) Bromobenzene	12.983	156	228304	50.376	ug/l	94
78) n-propylbenzene	13.036	91	1221556	57.269	ug/l	100
79) 2-Chlorotoluene	13.130	91	697354	53.395	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	866876	57.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	92635	53.850	ug/l	91
82) 4-Chlorotoluene	13.130	91	697354	53.395	ug/l	100
83) tert-Butylbenzene	13.442	119	766727	56.458	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	876535	58.587	ug/l	99
85) sec-Butylbenzene	13.618	105	1125876	59.380	ug/l	98
86) p-Isopropyltoluene	13.730	119	919188	60.711	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	459945	53.688	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	457727	53.653	ug/l	99
89) n-Butylbenzene	14.060	91	786919	59.758	ug/l	100
90) Hexachloroethane	14.336	117	165403	52.175	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	460515	52.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	58162	45.658	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	232473	53.064	ug/l	100
94) Hexachlorobutadiene	15.507	225	108447	50.506	ug/l	97
95) Naphthalene	15.648	128	757451	56.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	232356	54.744	ug/l	99

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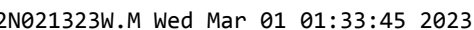
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MSVOA_N
ClientSampleId :
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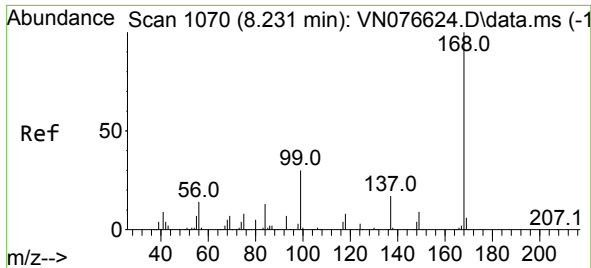
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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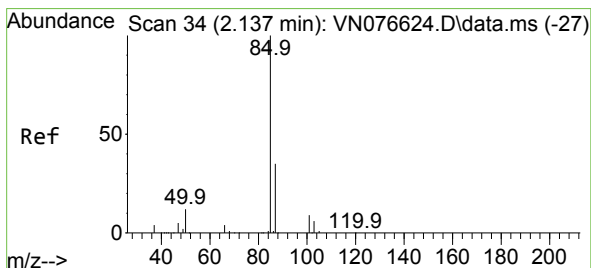
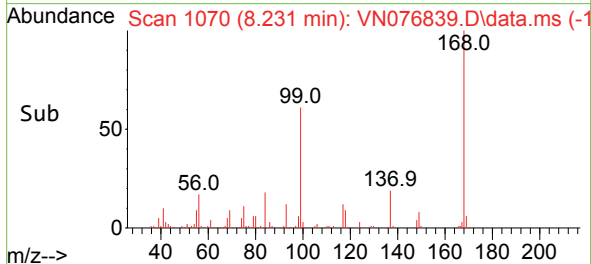
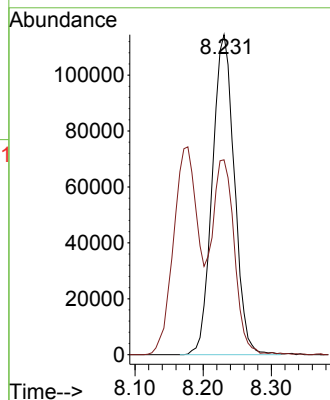
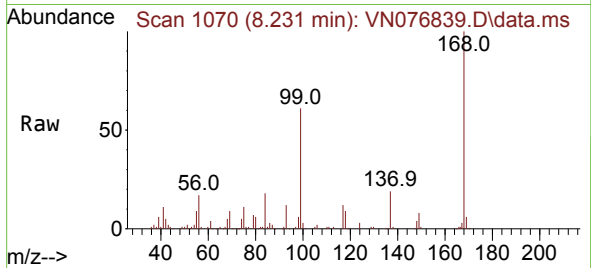




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076839.D
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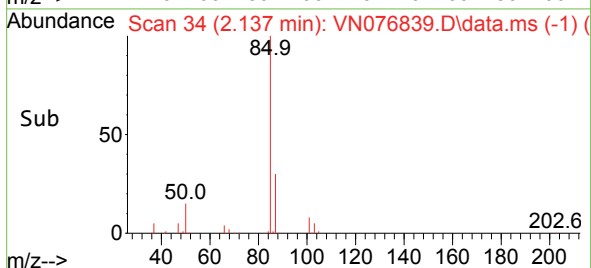
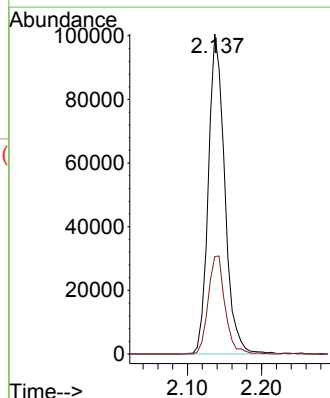
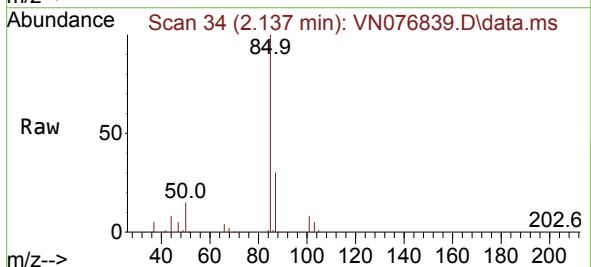
Instrument :
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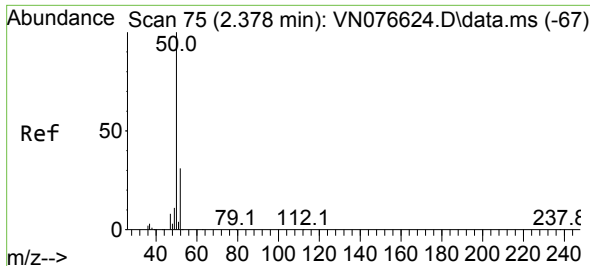
Tgt Ion:168 Resp: 257553
Ion Ratio Lower Upper
168 100
99 60.4 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 56.452 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 85 Resp: 154384
Ion Ratio Lower Upper
85 100
87 30.5 17.4 52.2

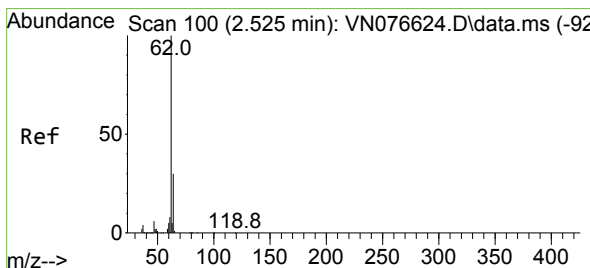
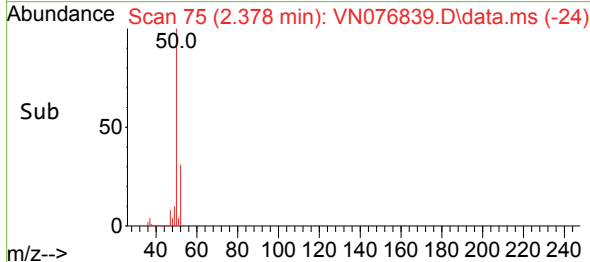
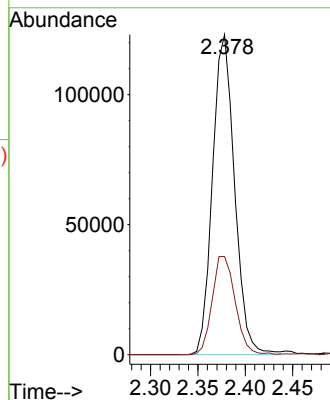
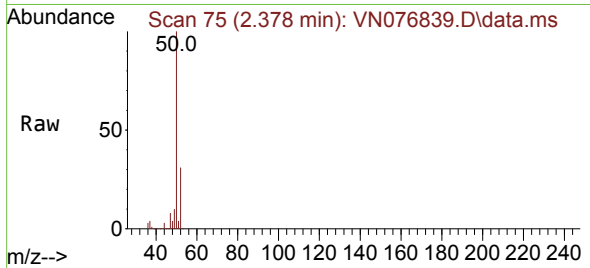




#3
Chloromethane
Concen: 55.786 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

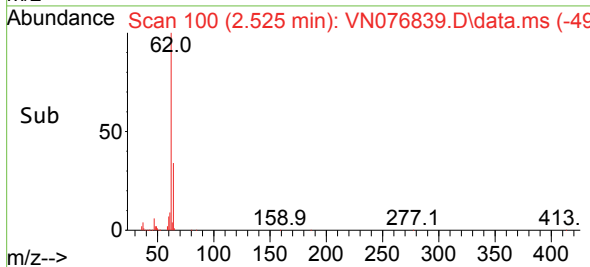
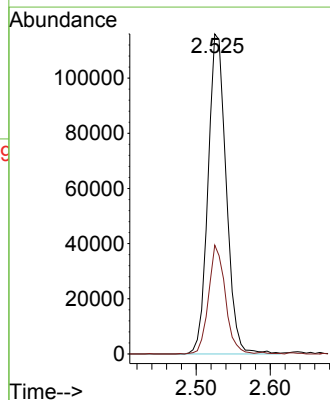
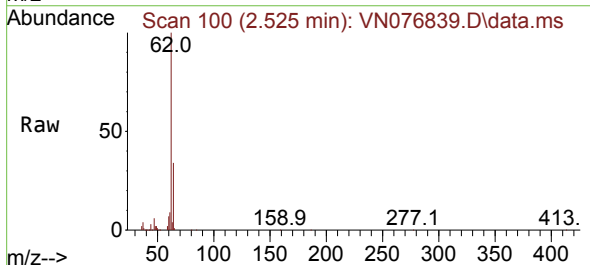
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ClientSampleId :
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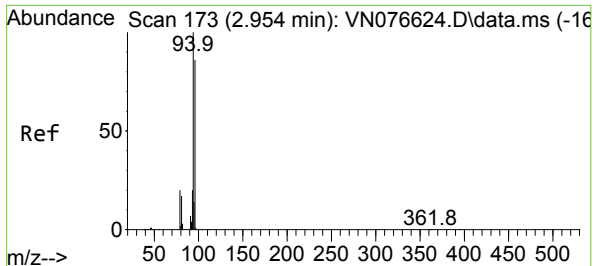
Tgt Ion: 50 Resp: 199046
Ion Ratio Lower Upper
50 100
52 30.7 24.7 37.1



#4
Vinyl Chloride
Concen: 56.162 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 62 Resp: 197216
Ion Ratio Lower Upper
62 100
64 33.9 23.9 35.9

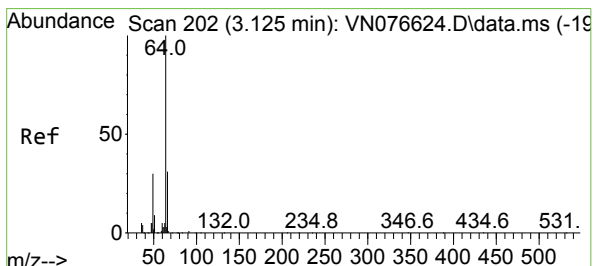
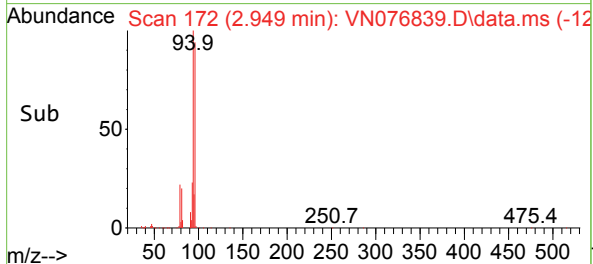
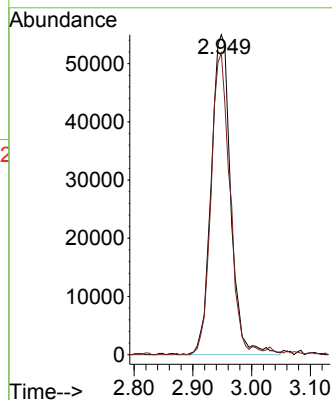
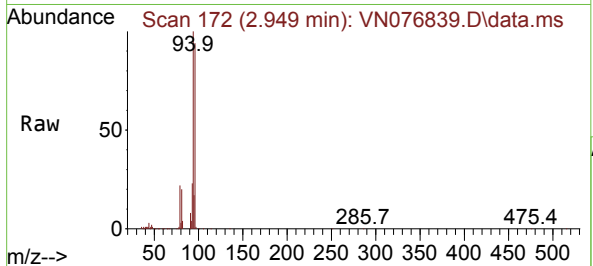




#5
Bromomethane
Concen: 59.711 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

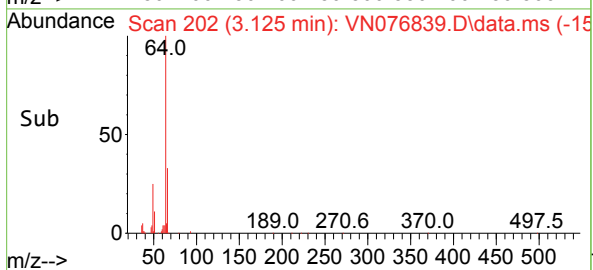
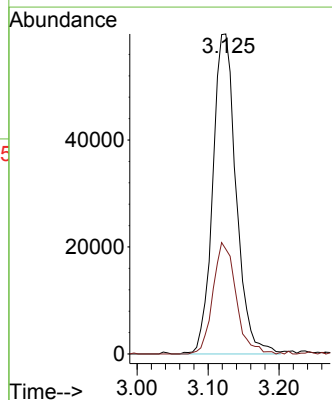
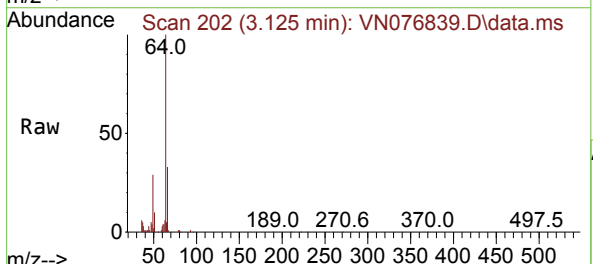
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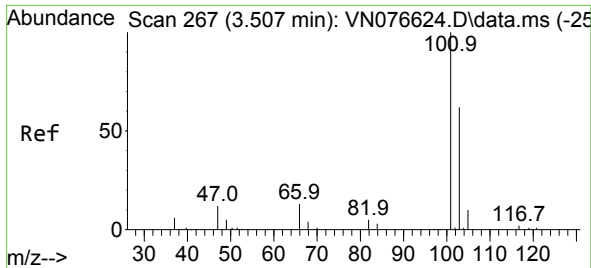
Tgt Ion: 94 Resp: 127049
Ion Ratio Lower Upper
94 100
96 94.2 69.0 103.4



#6
Chloroethane
Concen: 61.624 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 64 Resp: 136758
Ion Ratio Lower Upper
64 100
66 32.8 24.6 37.0

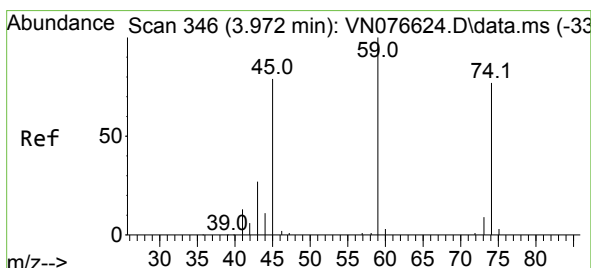
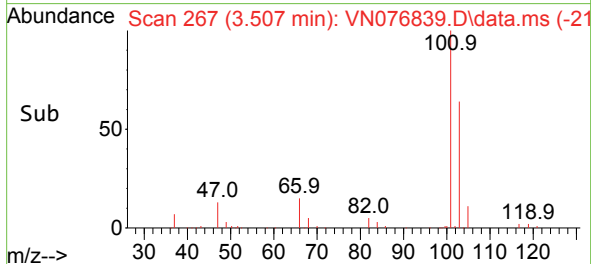
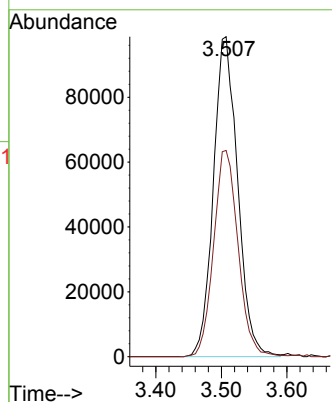
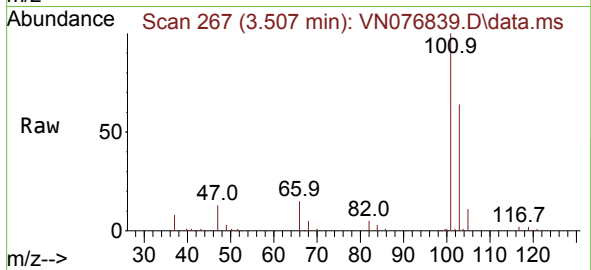




#7
Trichlorofluoromethane
Concen: 53.039 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

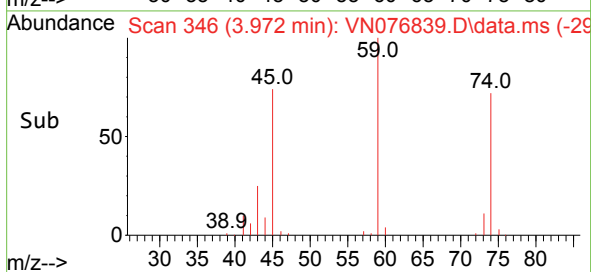
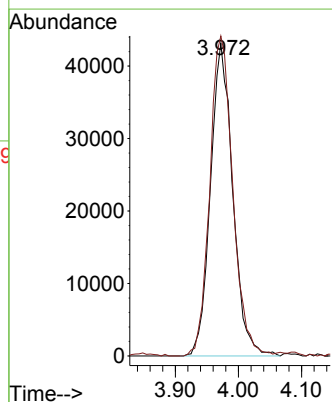
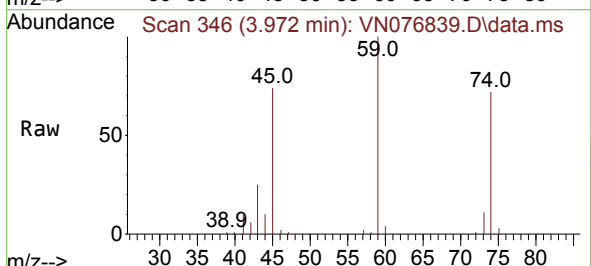
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MSVOA_N
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VSTDCCC050EC

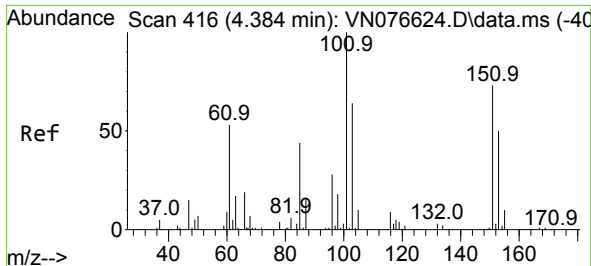
Tgt Ion:101 Resp: 253417
Ion Ratio Lower Upper
101 100
103 64.5 49.4 74.2



#8
Diethyl Ether
Concen: 57.331 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 74 Resp: 105551
Ion Ratio Lower Upper
74 100
45 105.9 51.3 153.9

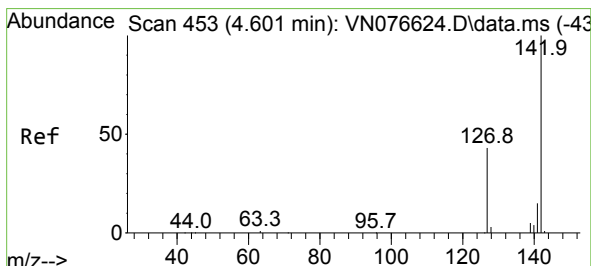
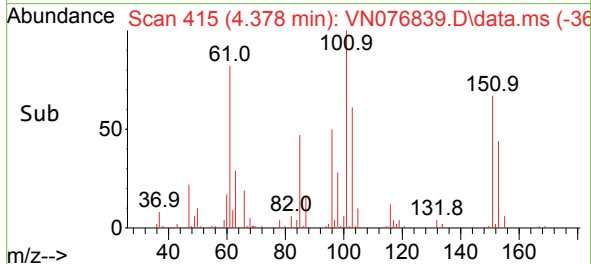
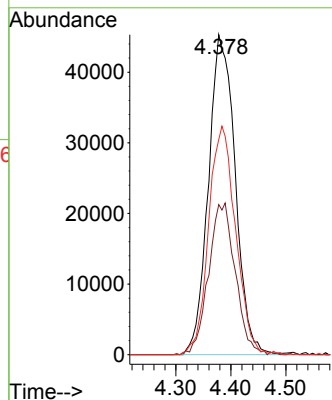
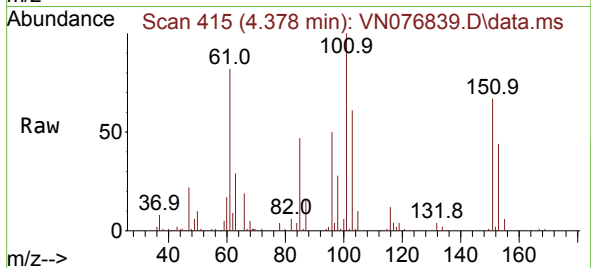




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.569 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

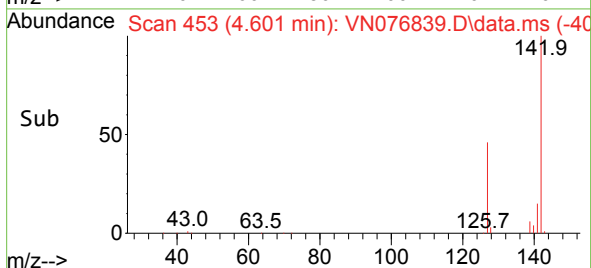
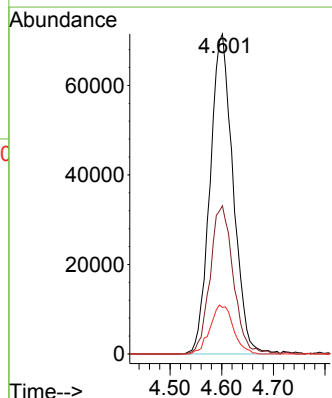
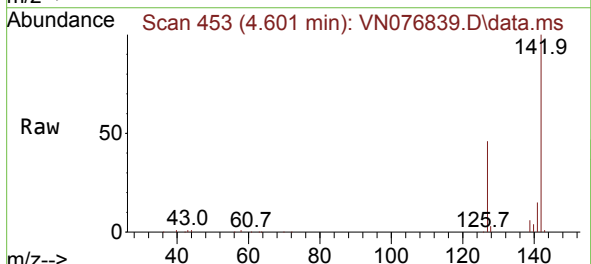
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

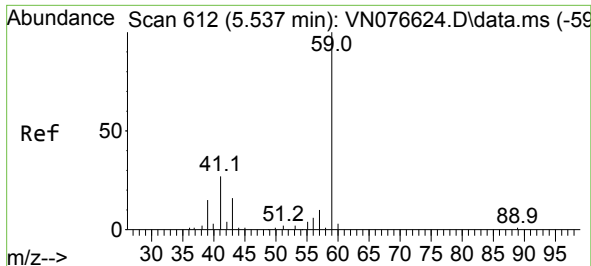
Tgt Ion:101 Resp: 153197
Ion Ratio Lower Upper
101 100
85 47.4 37.4 56.0
151 72.1 58.7 88.1



#10
Methyl Iodide
Concen: 63.797 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:142 Resp: 221181
Ion Ratio Lower Upper
142 100
127 46.3 34.6 51.8
141 14.5 11.7 17.5

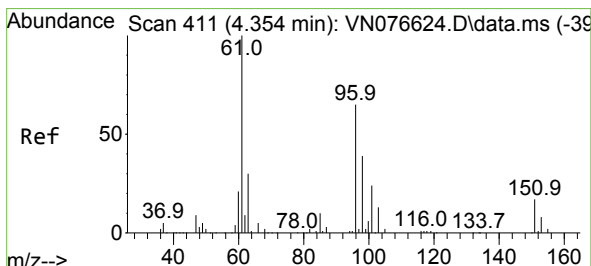
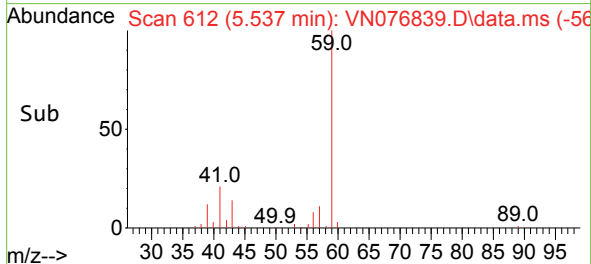
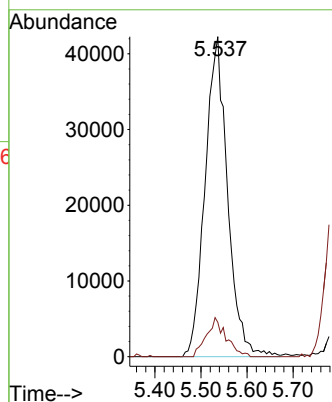
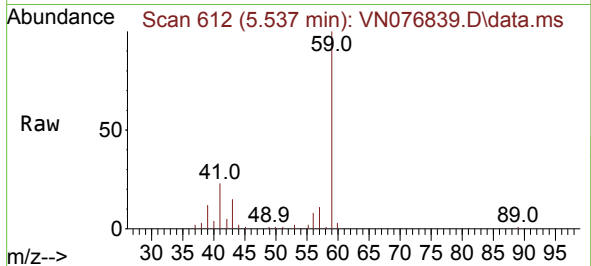




#11
Tert butyl alcohol
Concen: 305.523 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

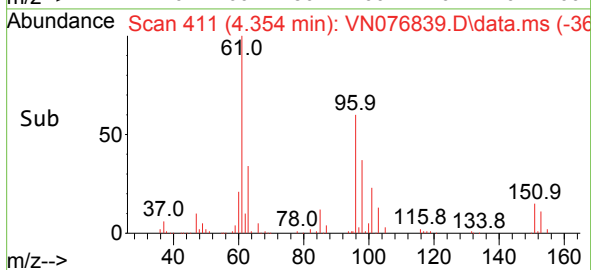
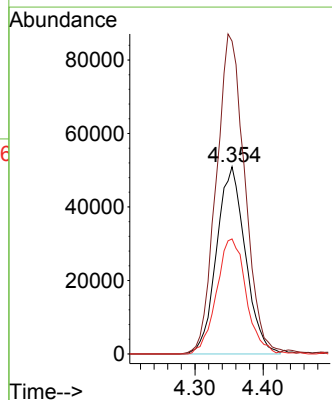
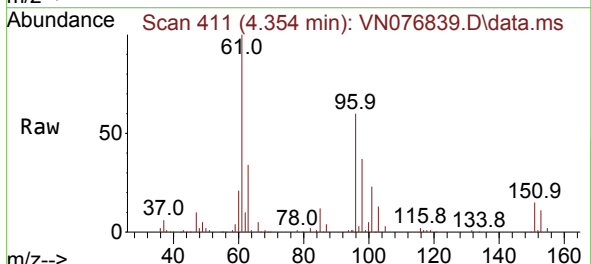
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

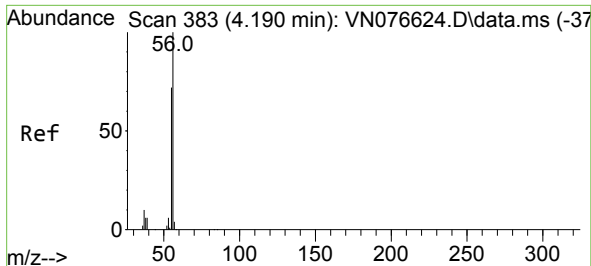
Tgt Ion: 59 Resp: 143424
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#12
1,1-Dichloroethene
Concen: 56.221 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 96 Resp: 149458
Ion Ratio Lower Upper
96 100
61 167.1 123.8 185.6
98 61.5 48.4 72.6





#13

Acrolein

Concen: 284.634 ug/l

RT: 4.184 min Scan# 314

Delta R.T. -0.006 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

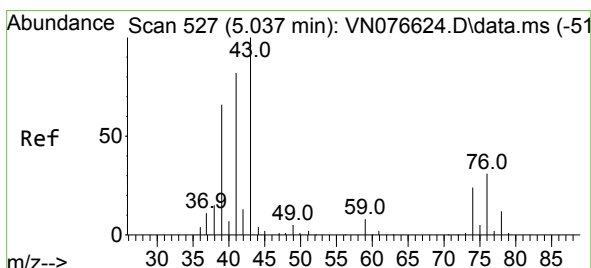
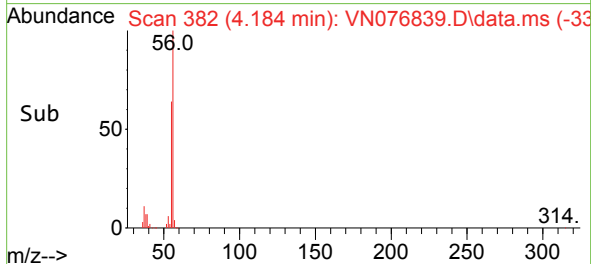
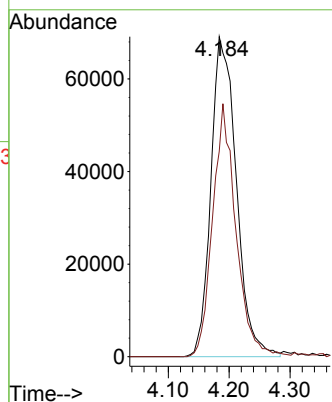
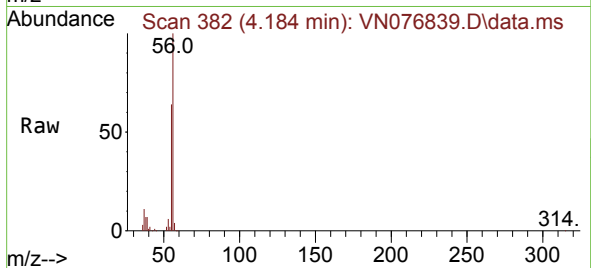
VSTDCCC050EC

Tgt Ion: 56 Resp: 200601

Ion Ratio Lower Upper

56 100

55 72.4 56.3 84.5



#14

Allyl chloride

Concen: 57.984 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

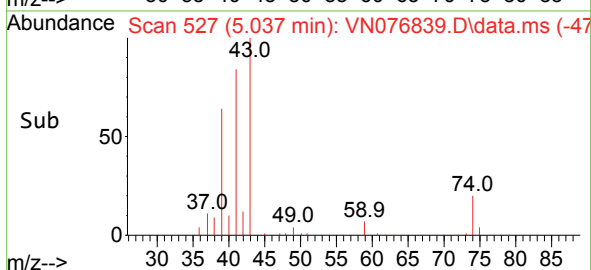
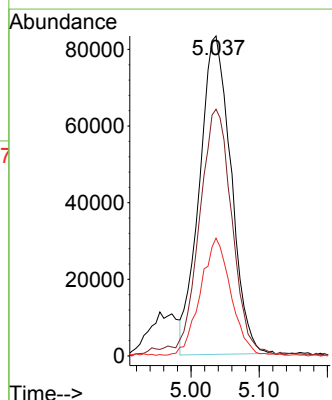
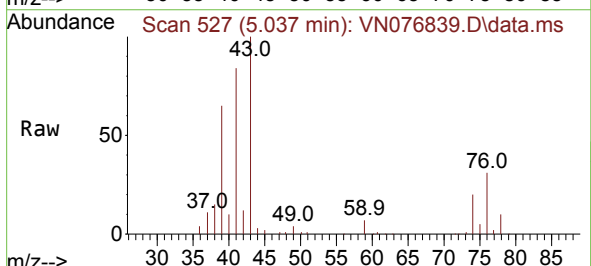
Tgt Ion: 41 Resp: 267086

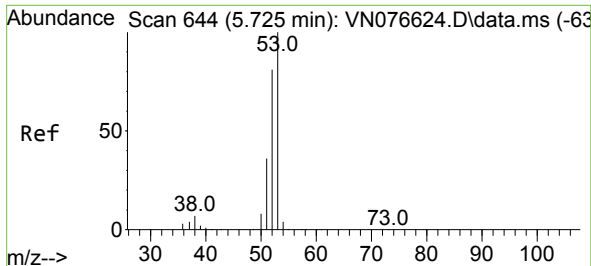
Ion Ratio Lower Upper

41 100

39 82.1 62.3 93.5

76 35.7 27.0 40.6

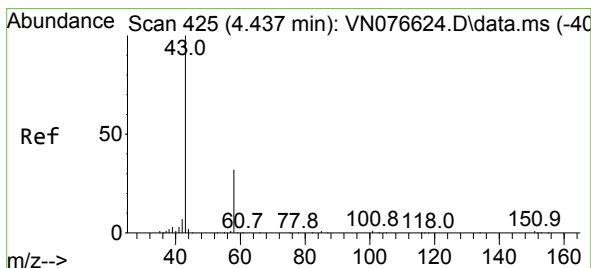
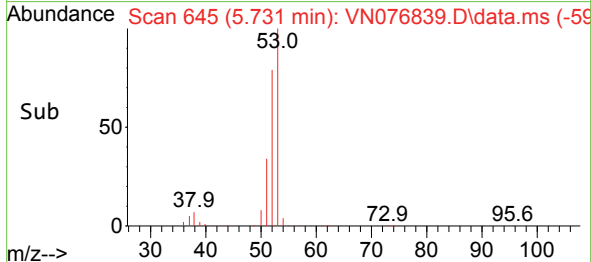
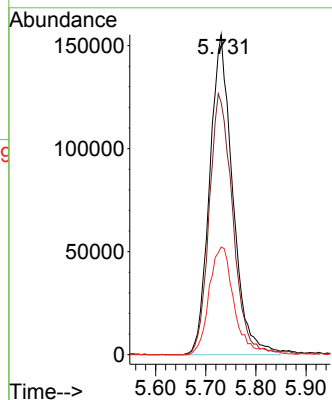
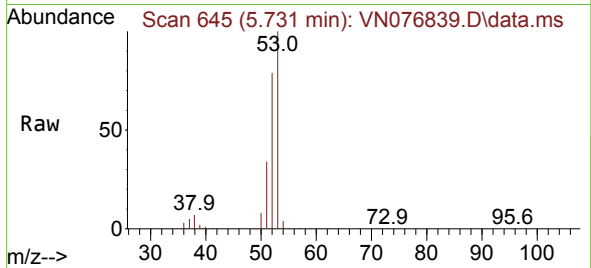




#15
Acrylonitrile
Concen: 297.684 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

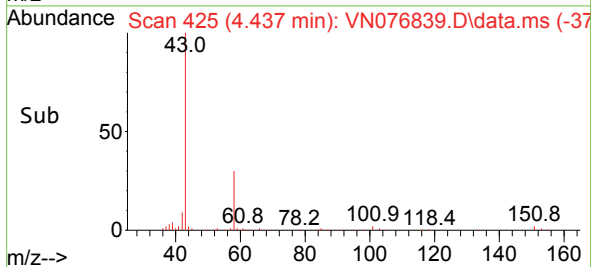
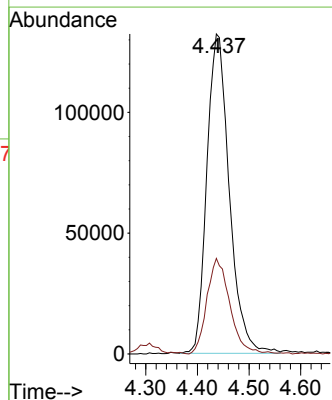
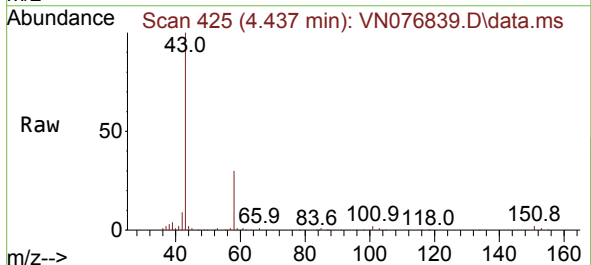
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

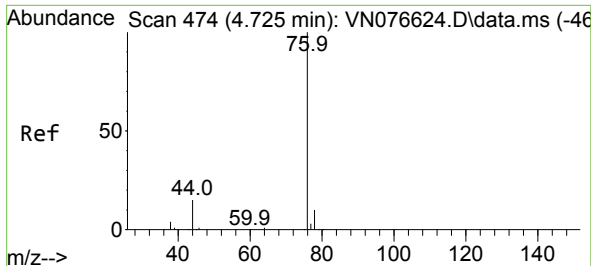
Tgt Ion: 53 Resp: 495941
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.8 29.2 43.8



#16
Acetone
Concen: 250.836 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 43 Resp: 398482
Ion Ratio Lower Upper
43 100
58 29.6 25.9 38.9

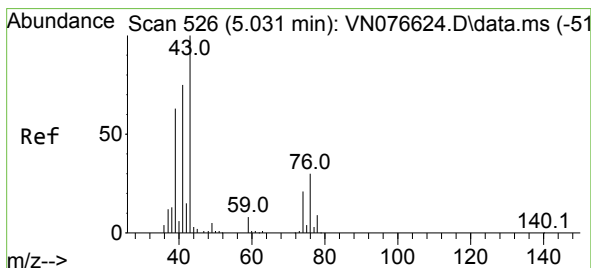
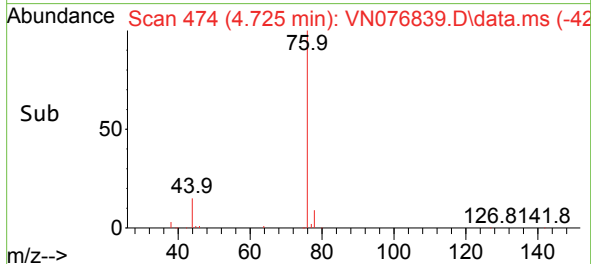
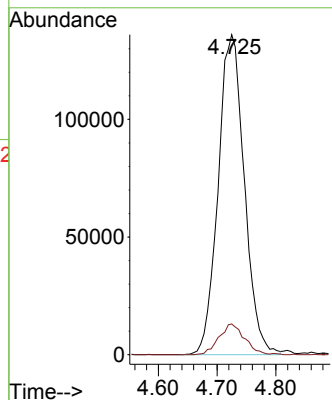
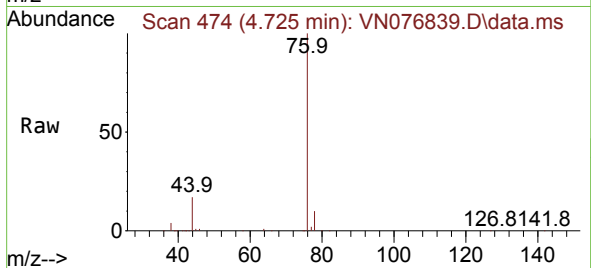




#17
Carbon Disulfide
Concen: 59.923 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

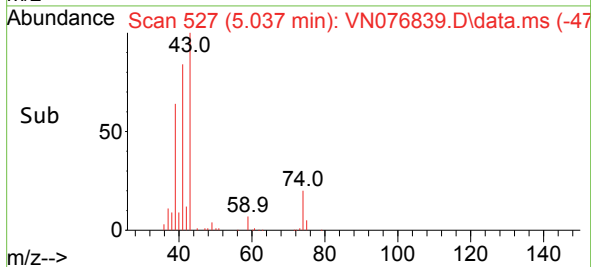
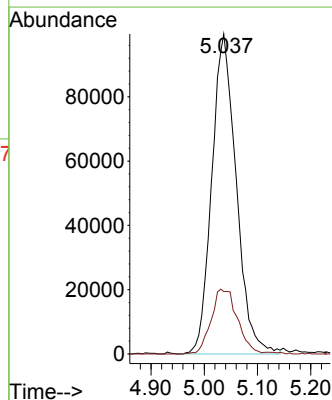
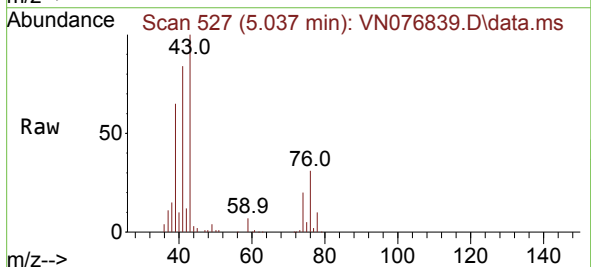
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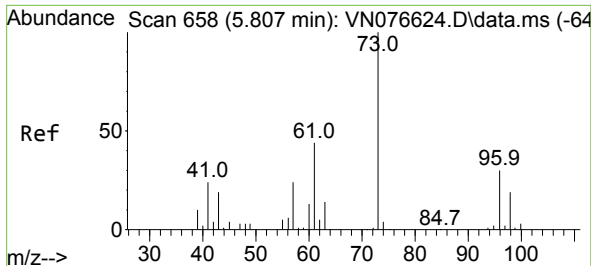
Tgt Ion: 76 Resp: 420596
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8



#18
Methyl Acetate
Concen: 61.300 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 43 Resp: 317870
Ion Ratio Lower Upper
43 100
74 21.7 17.7 26.5

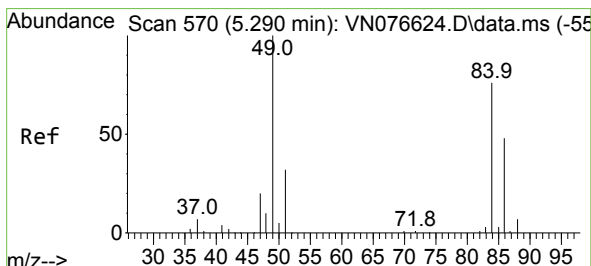
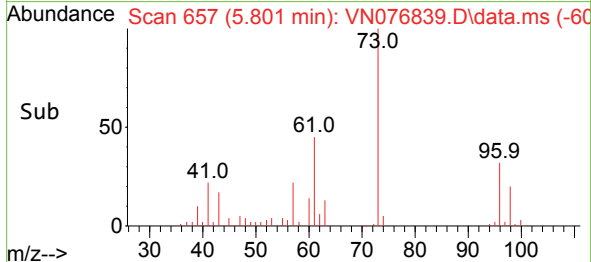
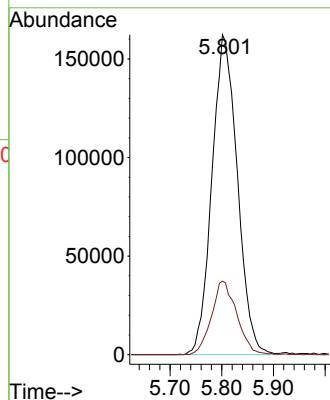
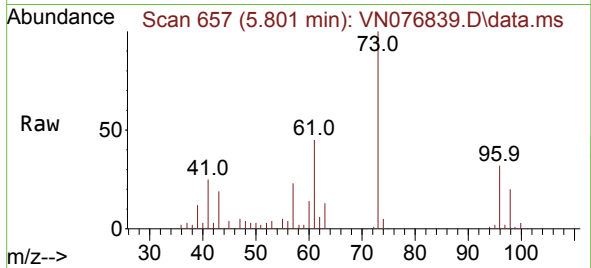




#19
Methyl tert-butyl Ether
Concen: 61.852 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

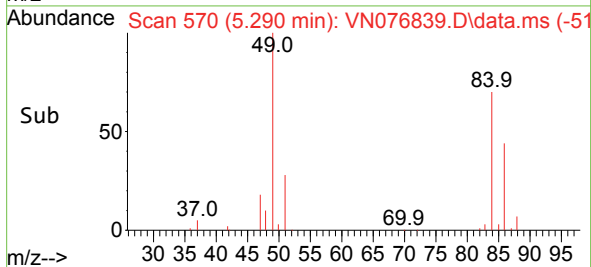
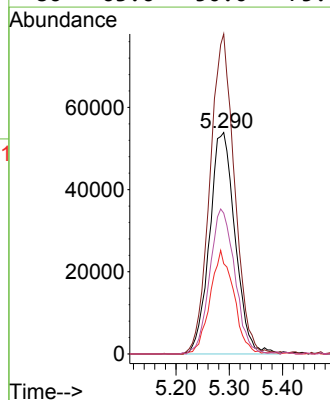
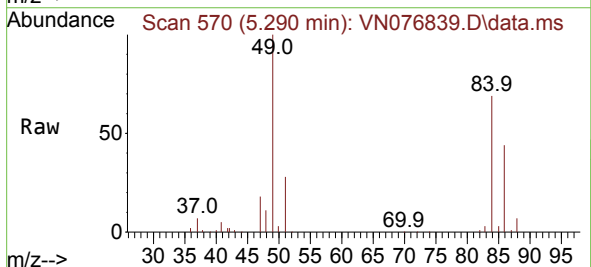
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

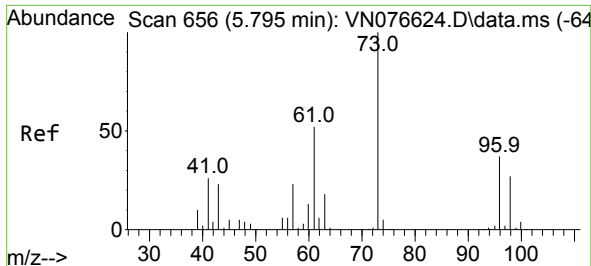
Tgt Ion: 73 Resp: 554363
Ion Ratio Lower Upper
73 100
57 22.9 19.0 28.4



#20
Methylene Chloride
Concen: 53.980 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 84 Resp: 179722
Ion Ratio Lower Upper
84 100
49 144.5 104.9 157.3
51 40.7 33.8 50.8
86 63.6 50.0 75.0

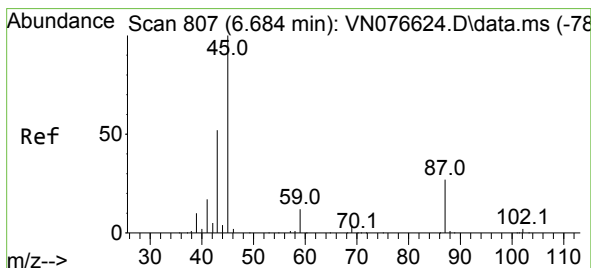
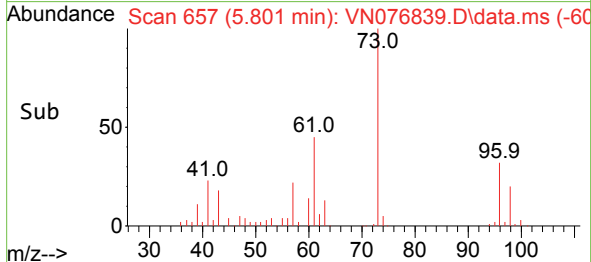
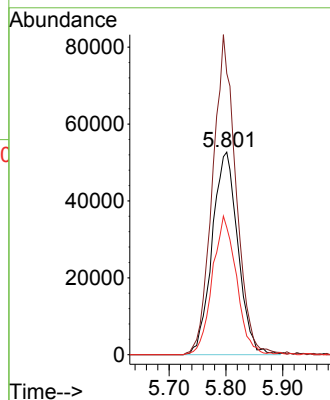
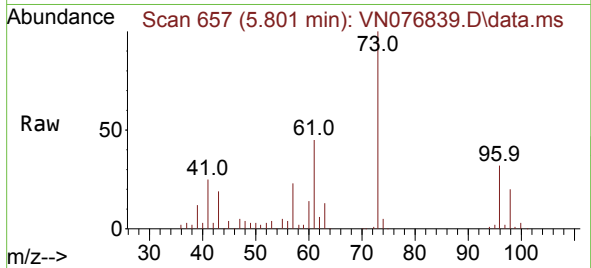




#21
trans-1,2-Dichloroethene
Concen: 55.491 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

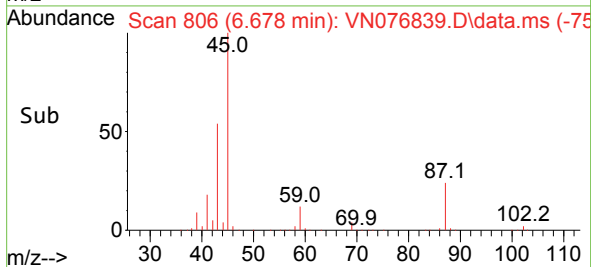
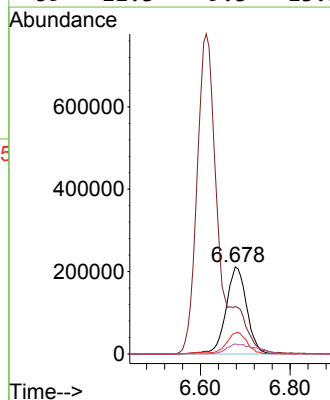
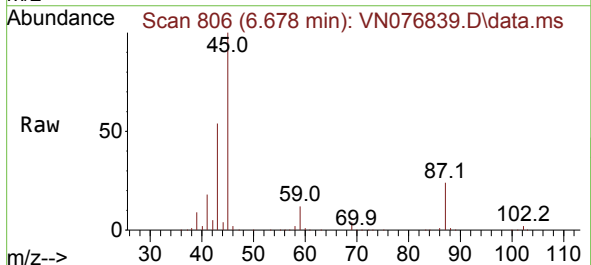
Instrument :
MSVOA_N
ClientSampleId :
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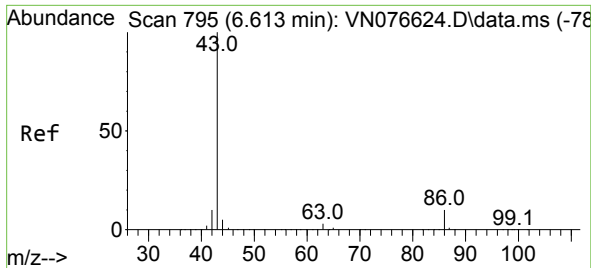
Tgt Ion: 96 Resp: 166056
Ion Ratio Lower Upper
96 100
61 138.9 113.9 170.9
98 62.8 59.4 89.0



#22
Diisopropyl ether
Concen: 62.464 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 45 Resp: 674845
Ion Ratio Lower Upper
45 100
43 52.8 41.8 62.6
87 23.7 21.8 32.8
59 11.3 9.3 13.9

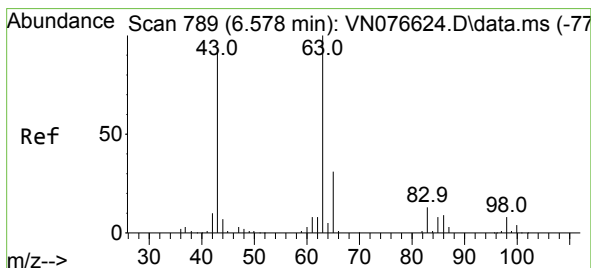
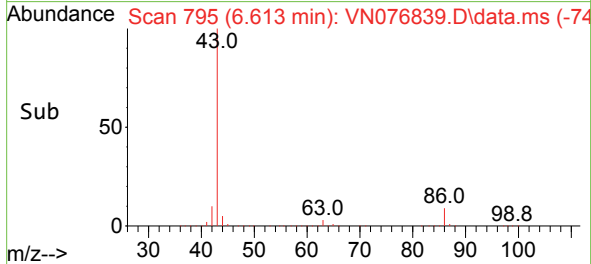
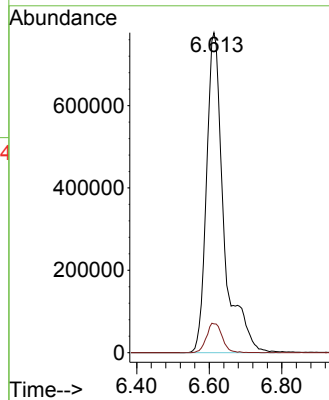
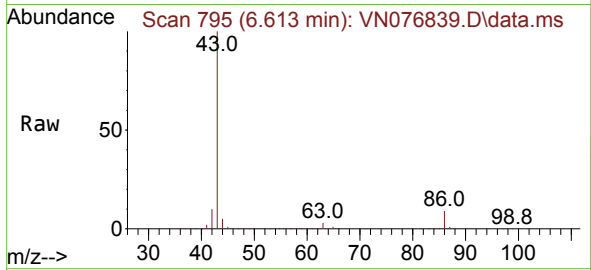




#23
 Vinyl Acetate
 Concen: 403.812 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

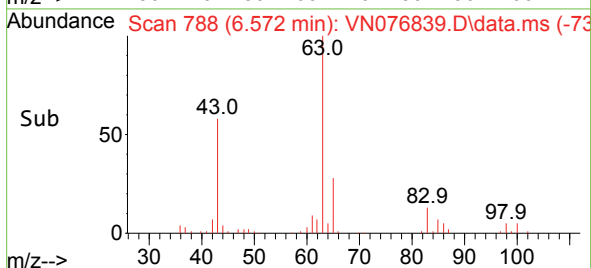
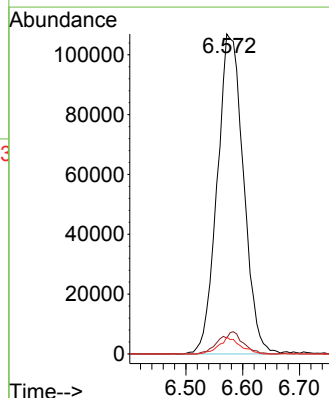
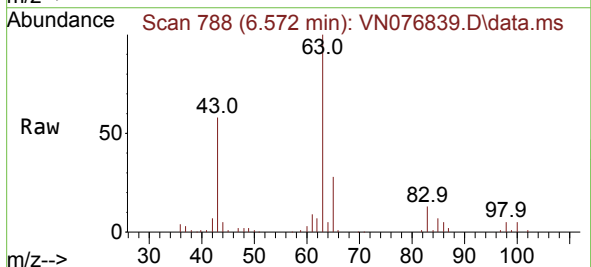
Instrument :
 MSVOA_N
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 VSTDCCC050EC

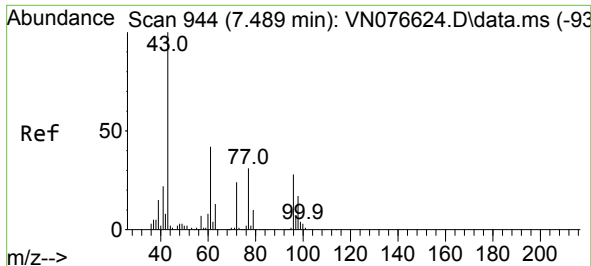
Tgt Ion: 43 Resp: 2581268
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 57.924 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

Tgt Ion: 63 Resp: 342973
 Ion Ratio Lower Upper
 63 100
 98 5.0 4.1 12.3
 100 5.3 2.0 5.8

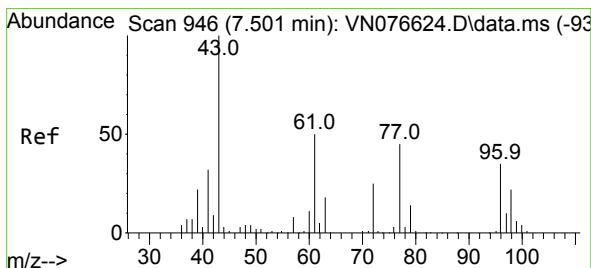
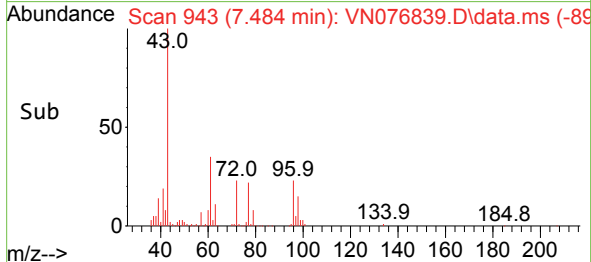
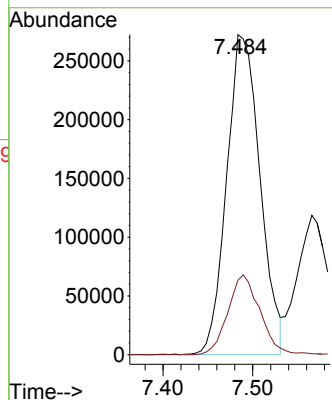
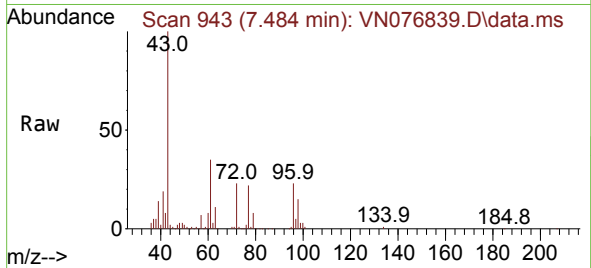




#25
2-Butanone
Concen: 300.305 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.005 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

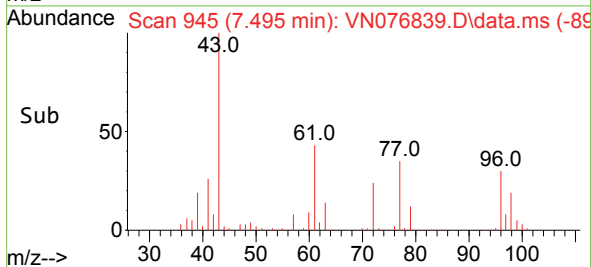
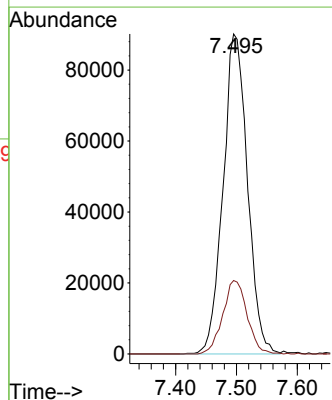
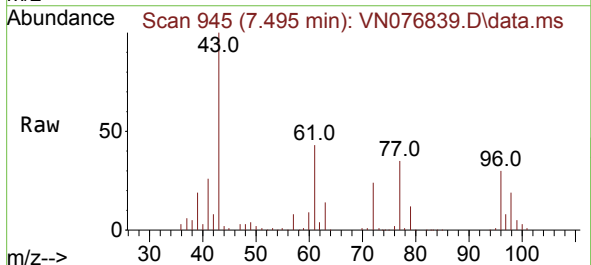
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

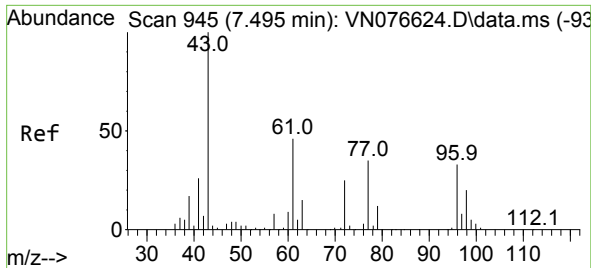
Tgt Ion: 43 Resp: 703713
Ion Ratio Lower Upper
43 100
72 23.3 19.4 29.2



#26
2,2-Dichloropropane
Concen: 58.785 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 77 Resp: 251063
Ion Ratio Lower Upper
77 100
97 22.9 11.9 35.7

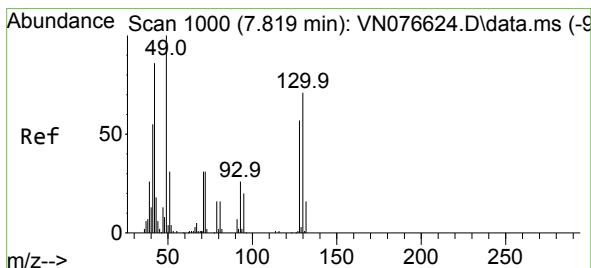
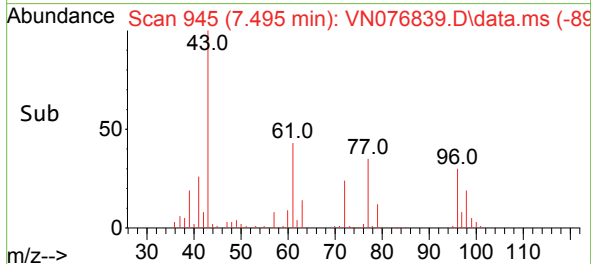
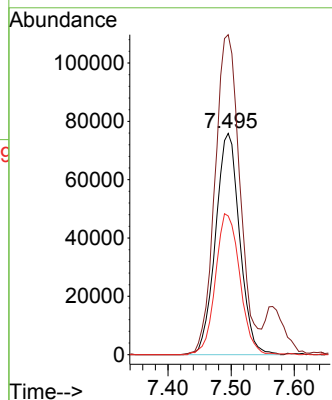
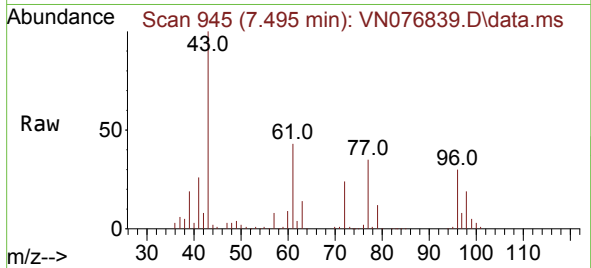




#27
 cis-1,2-Dichloroethene
 Concen: 56.754 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

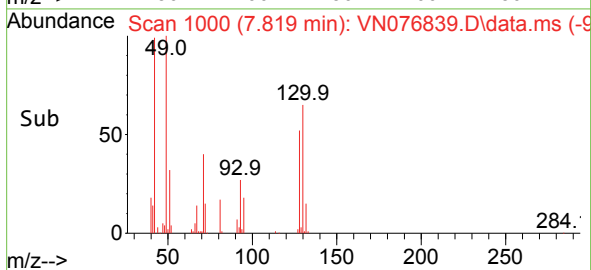
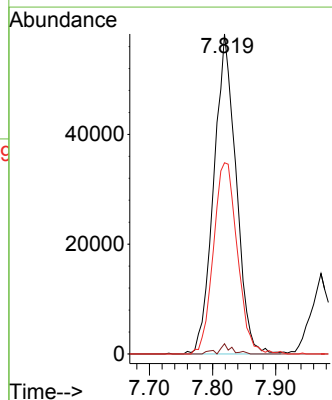
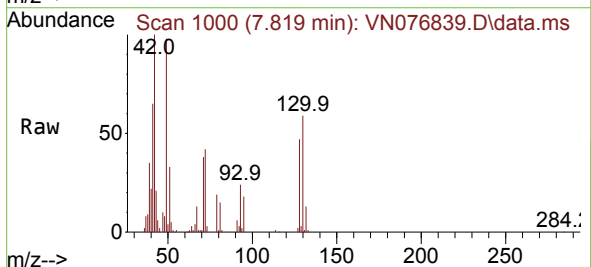
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

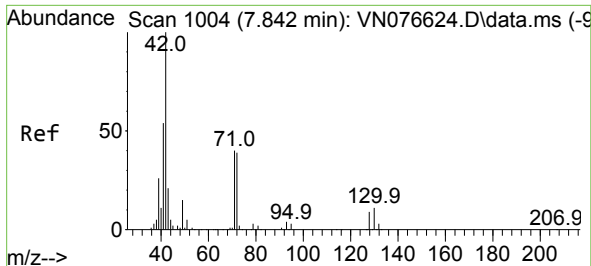
Tgt Ion: 96 Resp: 201438
 Ion Ratio Lower Upper
 96 100
 61 150.1 0.0 286.8
 98 64.5 0.0 124.0



#28
 Bromochloromethane
 Concen: 50.757 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

Tgt Ion: 49 Resp: 143038
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 64.2 57.8 86.8





#29

Tetrahydrofuran

Concen: 312.377 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

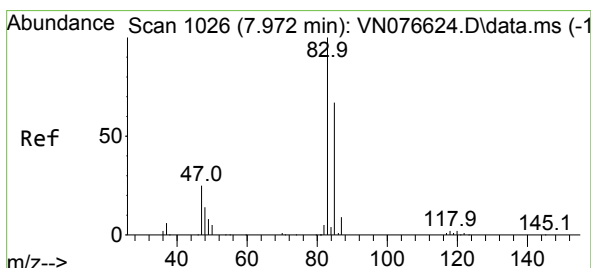
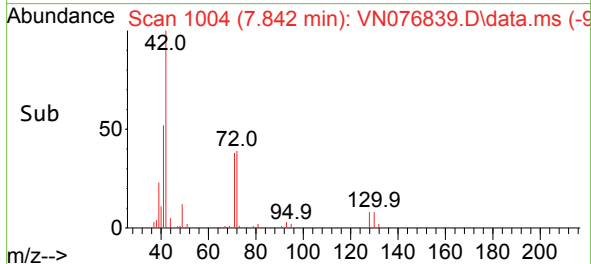
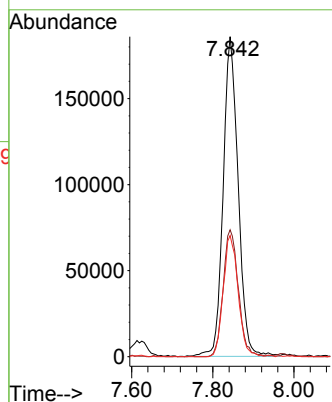
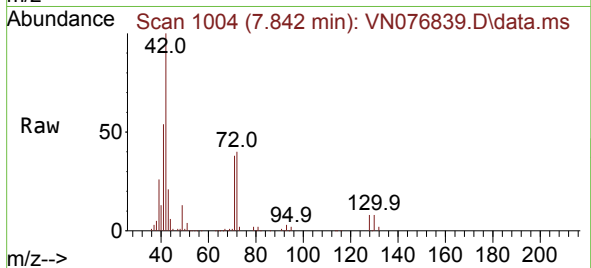
Tgt Ion: 42 Resp: 478254

Ion Ratio Lower Upper

42 100

72 40.4 31.5 47.3

71 37.6 29.8 44.8



#30

Chloroform

Concen: 58.801 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076839.D

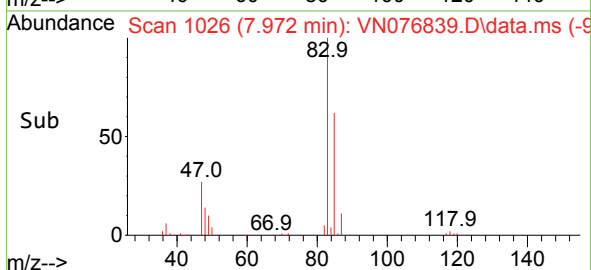
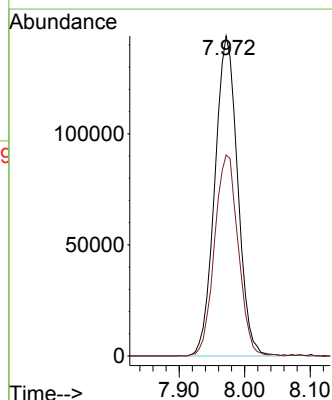
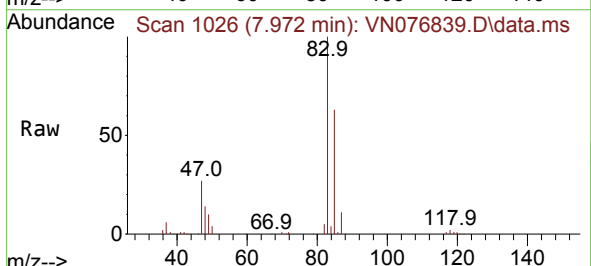
Acq: 28 Feb 2023 20:08

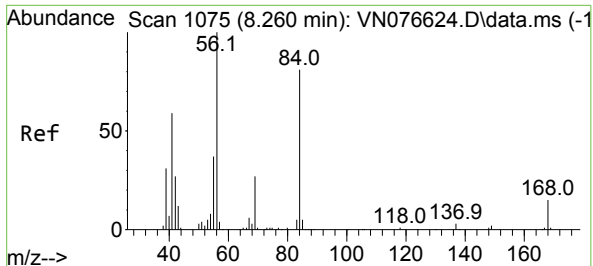
Tgt Ion: 83 Resp: 347862

Ion Ratio Lower Upper

83 100

85 62.6 53.5 80.3

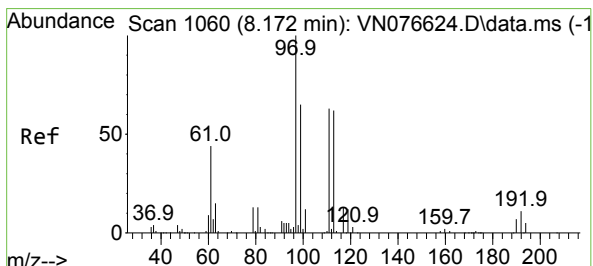
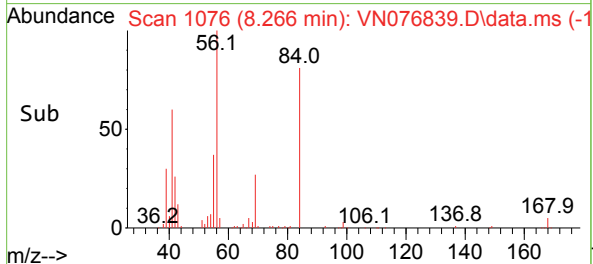
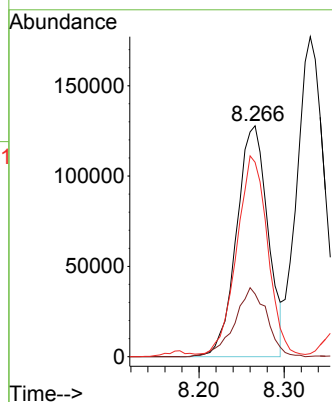
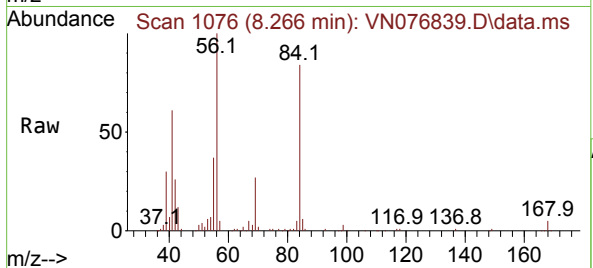




#31
Cyclohexane
Concen: 58.543 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

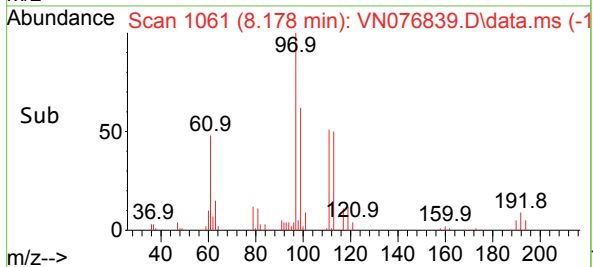
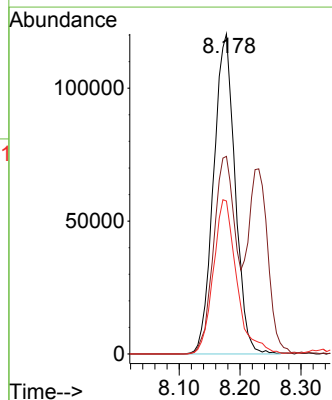
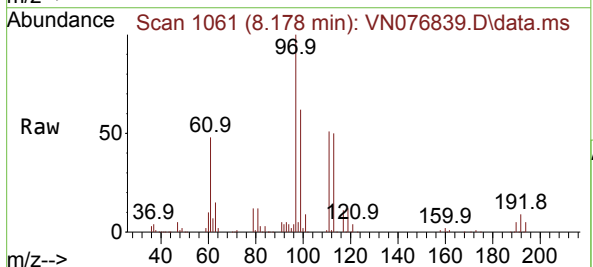
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

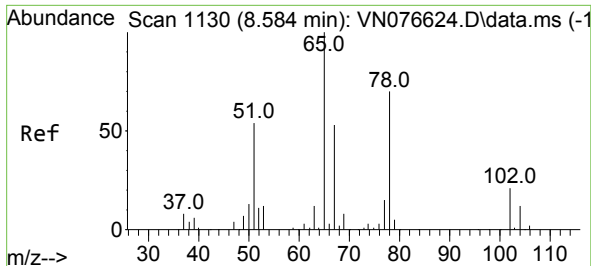
Tgt Ion: 56 Resp: 326596
Ion Ratio Lower Upper
56 100
69 27.1 21.6 32.4
84 81.7 65.1 97.7



#32
1,1,1-Trichloroethane
Concen: 59.537 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 97 Resp: 296145
Ion Ratio Lower Upper
97 100
99 62.8 51.2 76.8
61 52.3 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 53.388 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

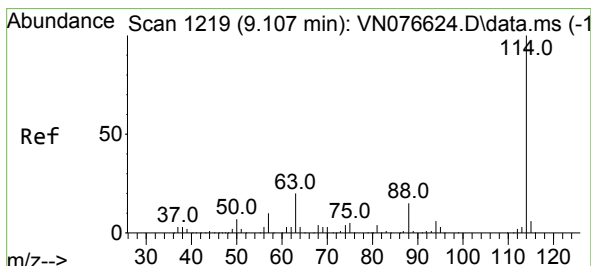
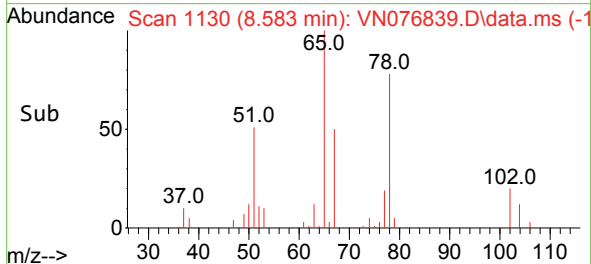
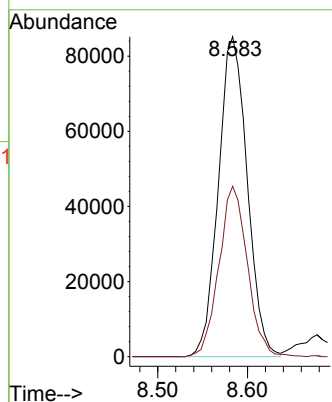
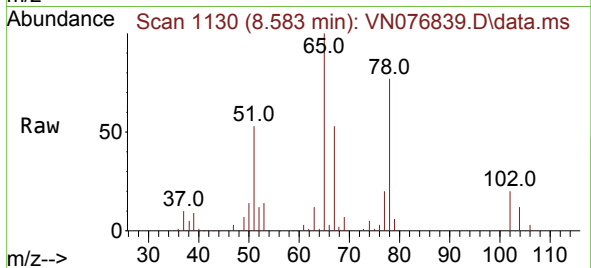
VSTDCCC050EC

Tgt Ion: 65 Resp: 189870

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

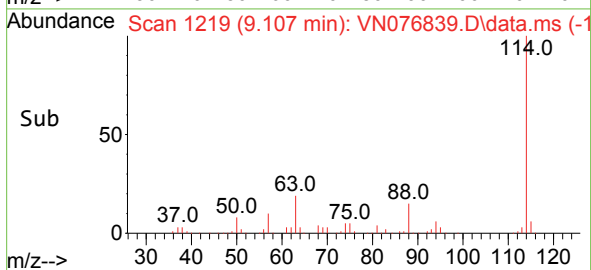
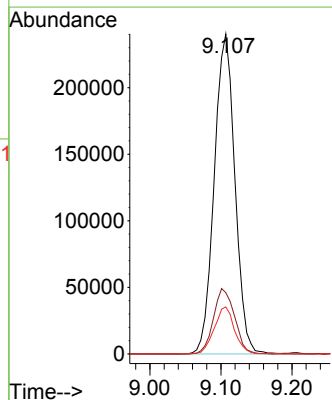
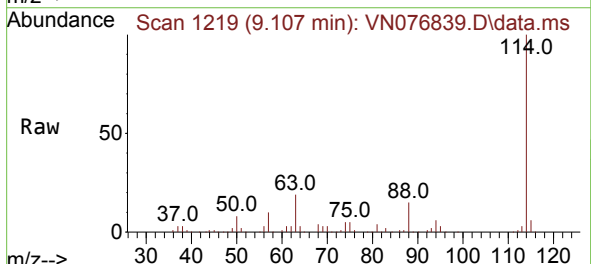
Tgt Ion: 114 Resp: 484687

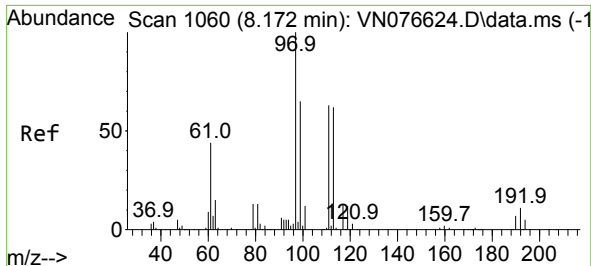
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.7 0.0 29.6

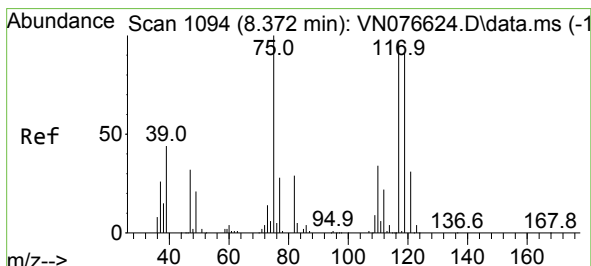
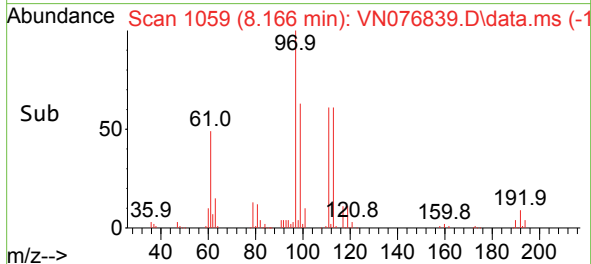
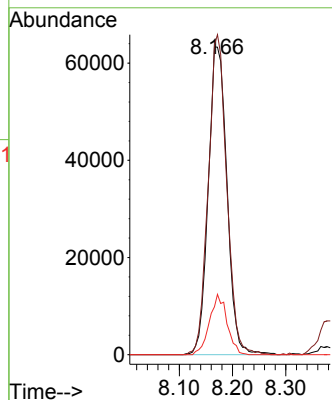
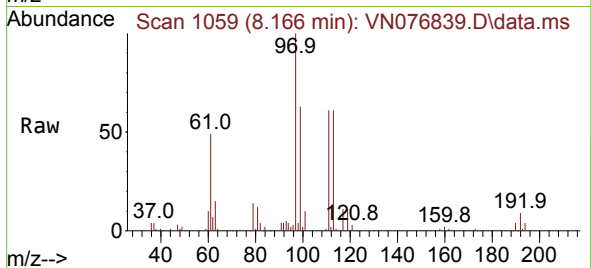




#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

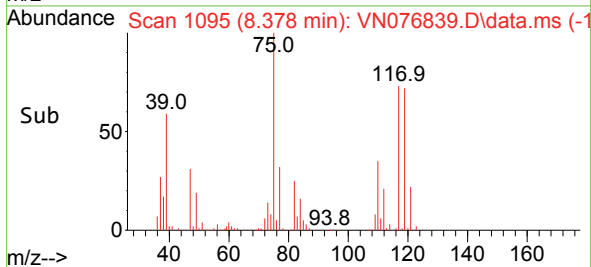
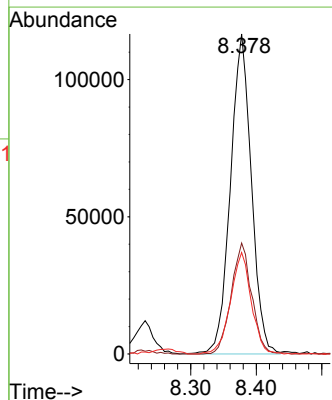
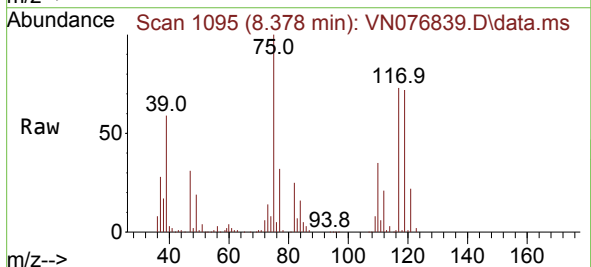
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

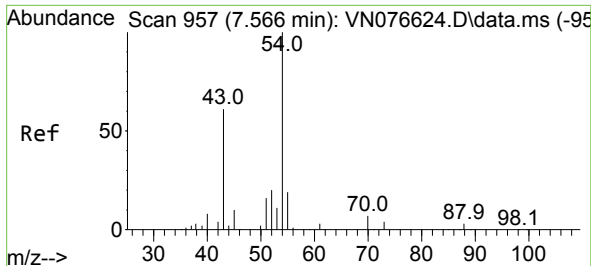
Tgt Ion:113 Resp: 154608
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 18.3 15.6 23.4



#36
1,1-Dichloropropene
Concen: 56.426 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 75 Resp: 258774
Ion Ratio Lower Upper
75 100
110 33.9 17.5 52.5
77 31.5 24.5 36.7

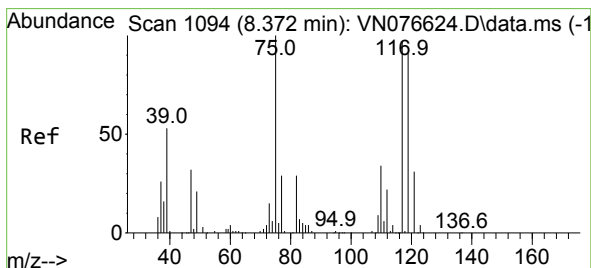
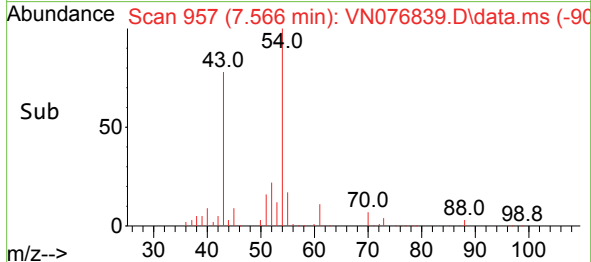
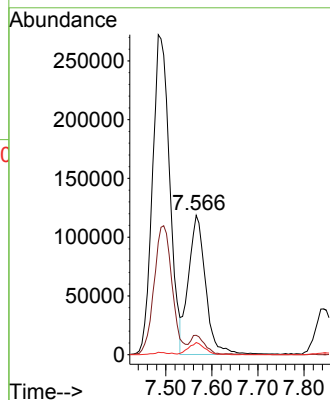
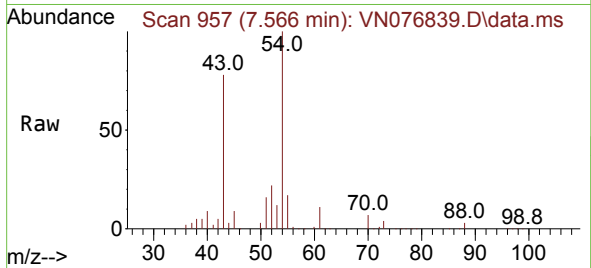




#37
Ethyl Acetate
Concen: 63.493 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

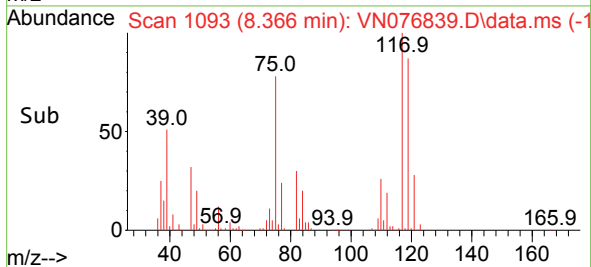
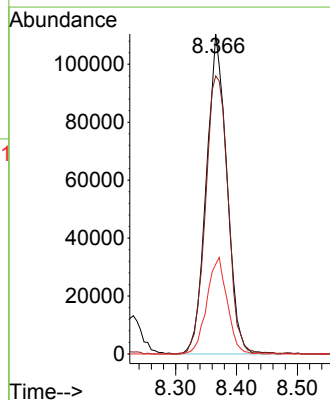
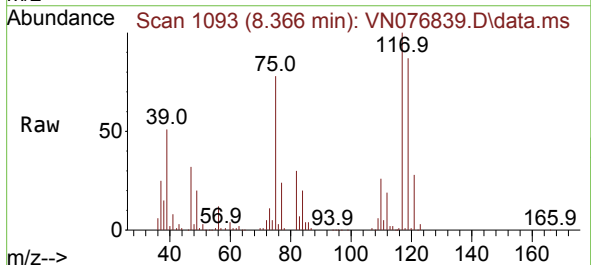
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

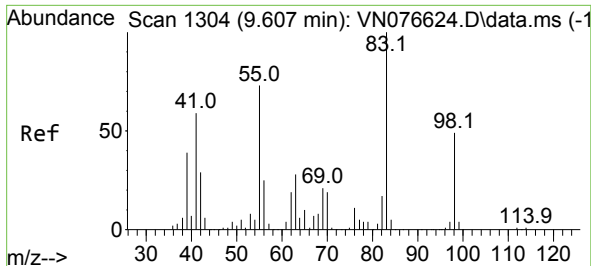
Tgt Ion: 43 Resp: 306366
Ion Ratio Lower Upper
43 100
61 10.7 9.9 14.9
70 8.3 7.8 11.6



#38
Carbon Tetrachloride
Concen: 56.005 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 117 Resp: 259100
Ion Ratio Lower Upper
117 100
119 86.7 75.4 113.0
121 28.1 26.0 39.0





#39

Methylcyclohexane

Concen: 62.739 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

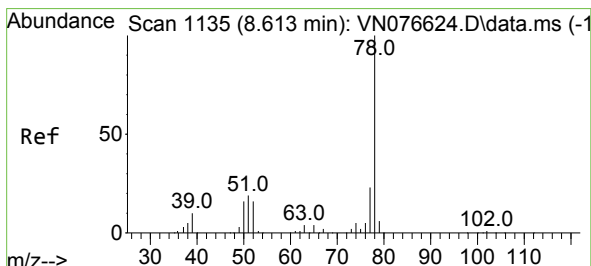
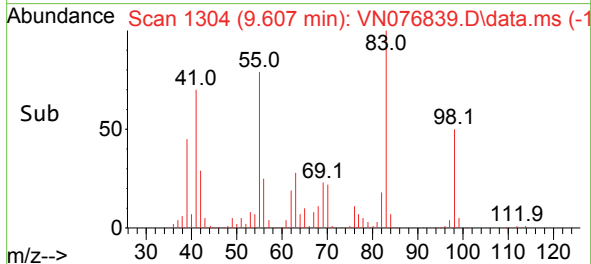
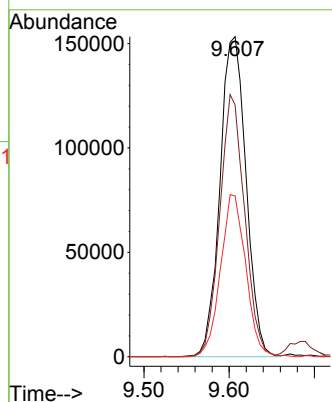
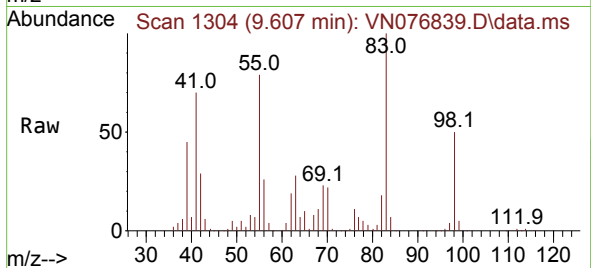
Tgt Ion: 83 Resp: 327053

Ion Ratio Lower Upper

83 100

55 78.7 58.6 88.0

98 50.3 39.4 59.2



#40

Benzene

Concen: 57.760 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076839.D

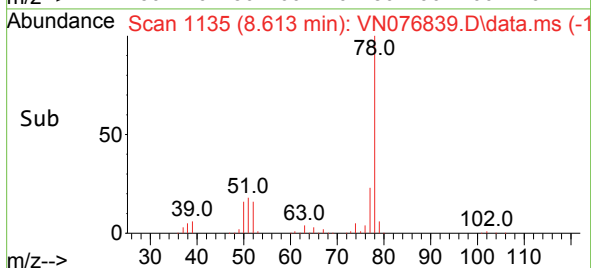
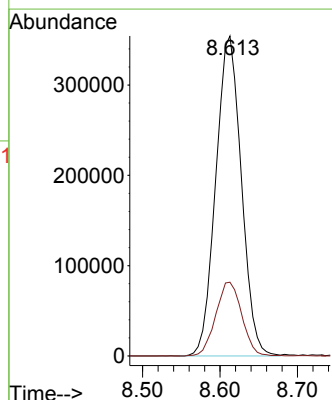
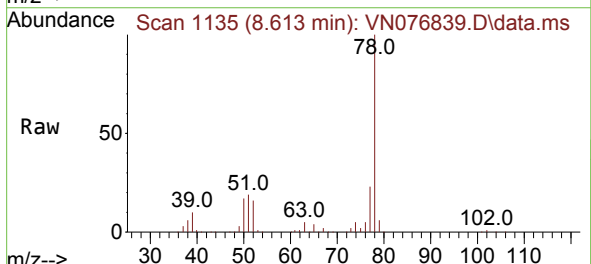
Acq: 28 Feb 2023 20:08

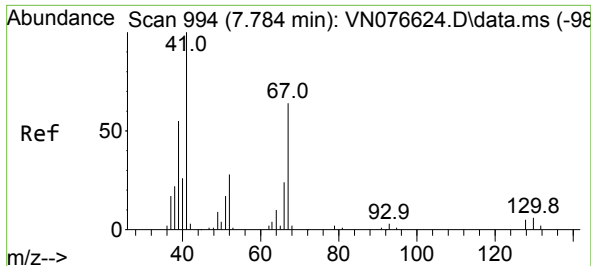
Tgt Ion: 78 Resp: 813470

Ion Ratio Lower Upper

78 100

77 23.1 18.2 27.4



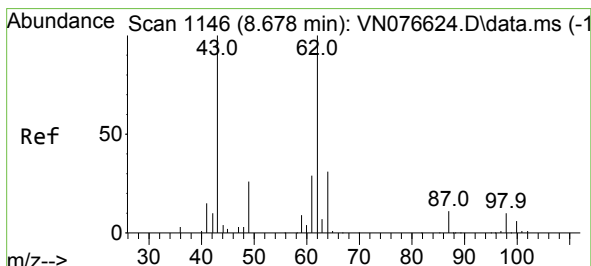
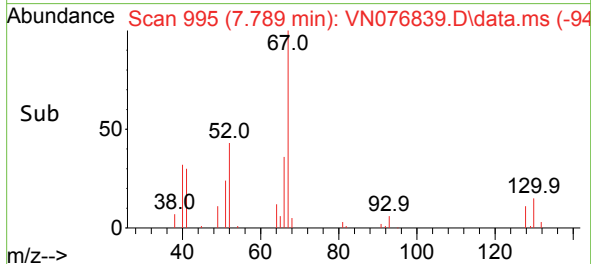
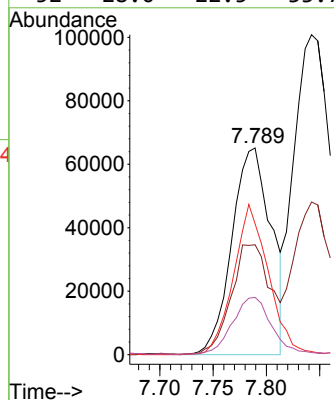
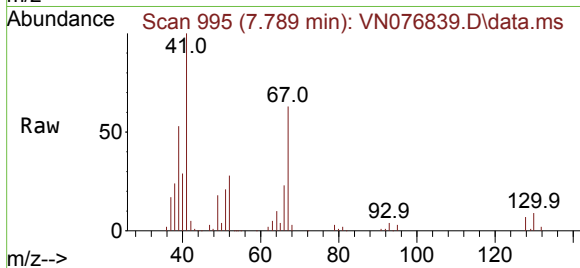


#41
Methacrylonitrile
Concen: 59.751 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 167022

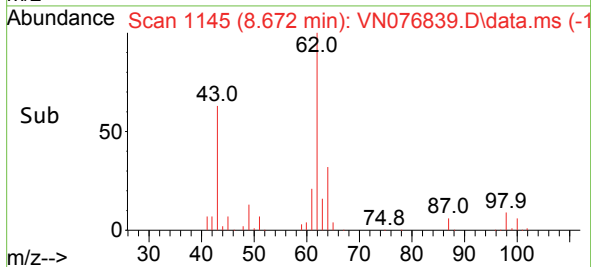
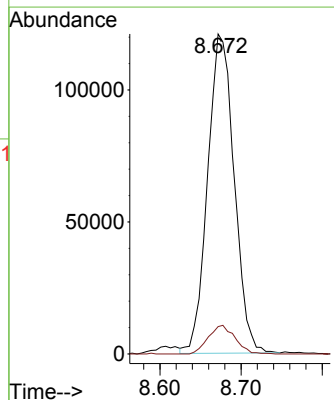
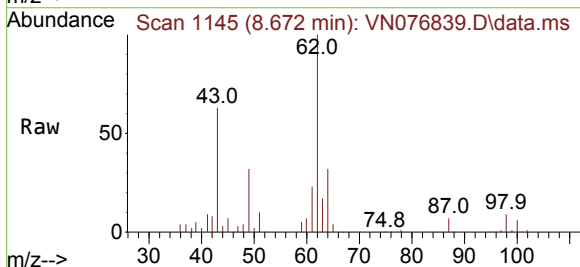
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.6	63.8
67	64.9	51.4	77.0
52	28.0	22.5	33.7

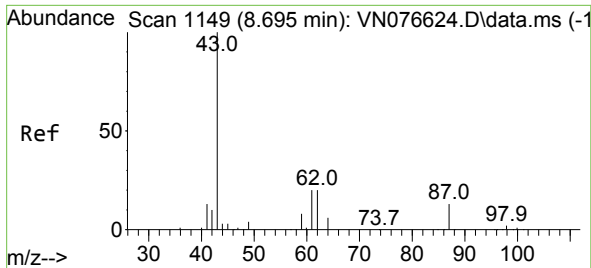


#42
1,2-Dichloroethane
Concen: 55.945 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 62 Resp: 274796

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	19.2

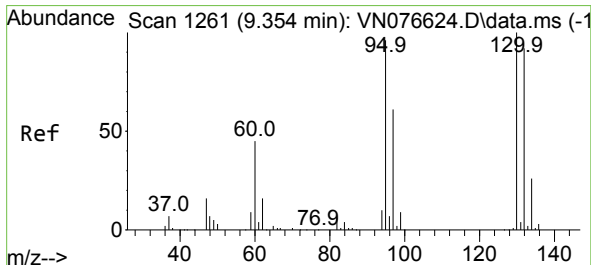
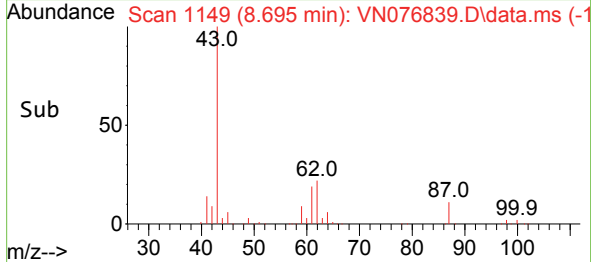
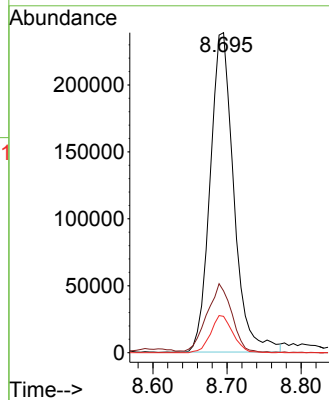
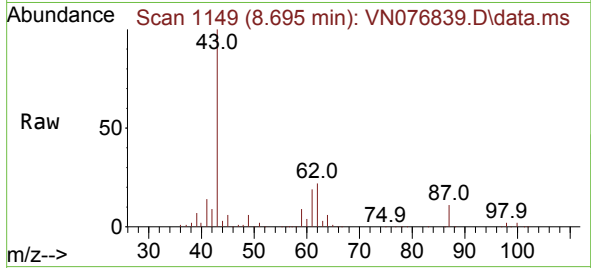




#43
Isopropyl Acetate
Concen: 67.428 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

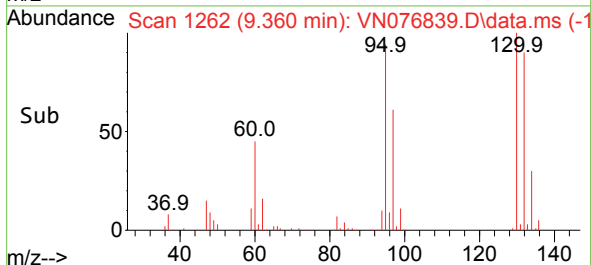
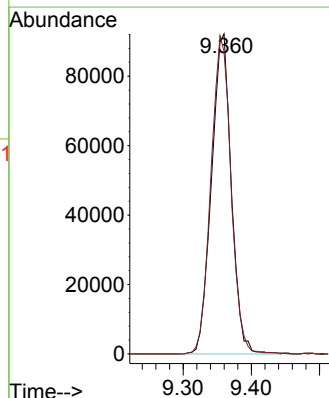
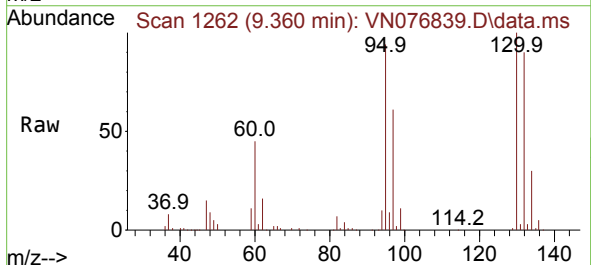
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

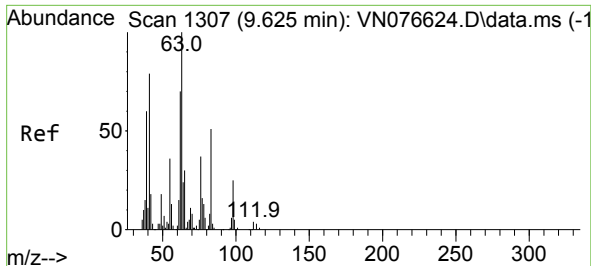
Tgt Ion: 43 Resp: 529420
Ion Ratio Lower Upper
43 100
61 22.5 20.0 30.0
87 10.9 9.9 14.9



#44
Trichloroethene
Concen: 55.943 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:130 Resp: 186185
Ion Ratio Lower Upper
130 100
95 94.4 0.0 191.4





#45

1,2-Dichloropropane

Concen: 56.916 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

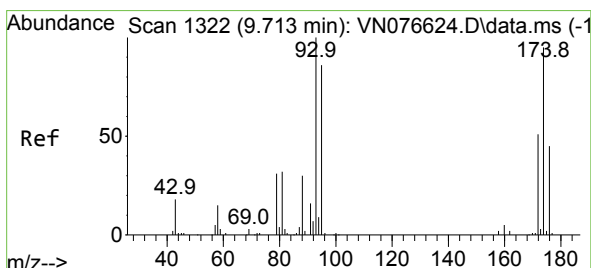
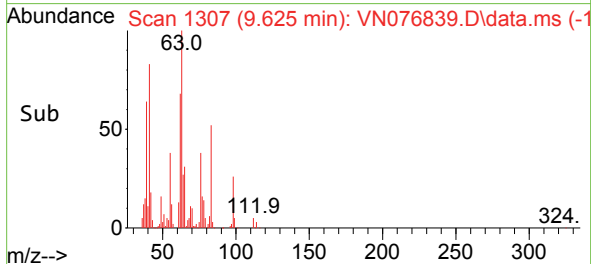
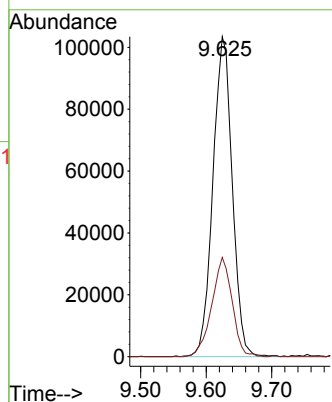
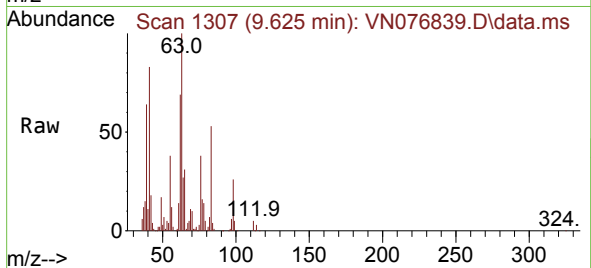
VSTDC050EC

Tgt Ion: 63 Resp: 212191

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 57.790 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

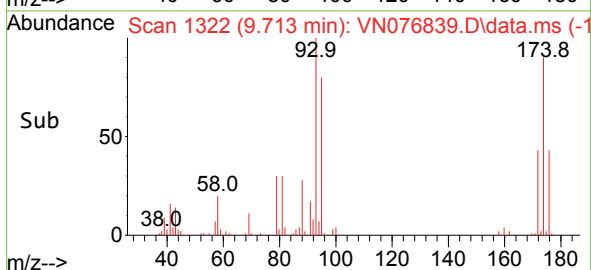
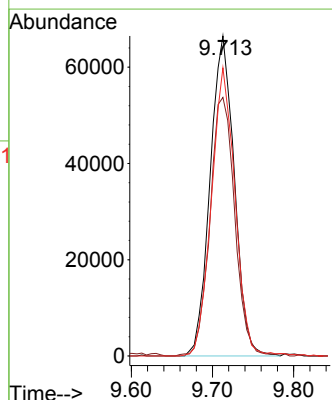
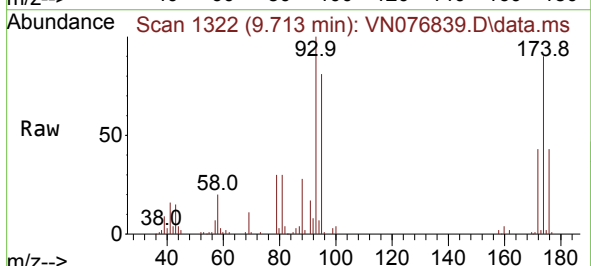
Tgt Ion: 93 Resp: 137739

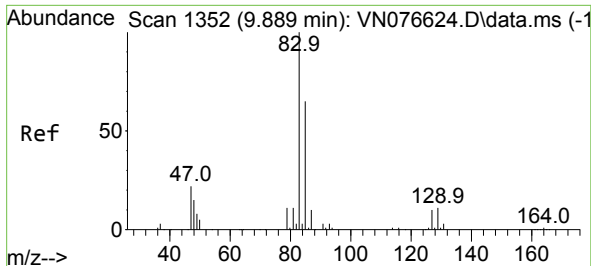
Ion Ratio Lower Upper

93 100

95 82.7 66.0 99.0

174 88.5 75.8 113.8

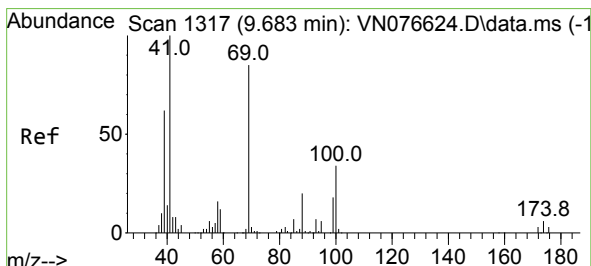
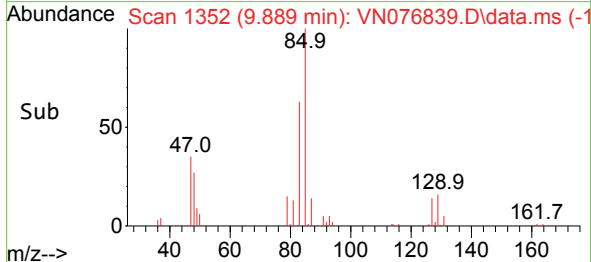
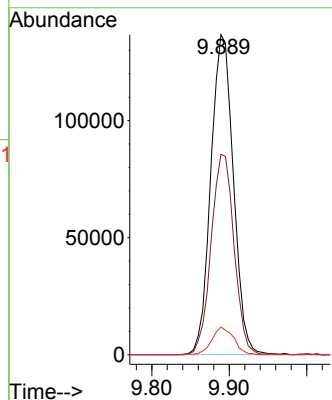
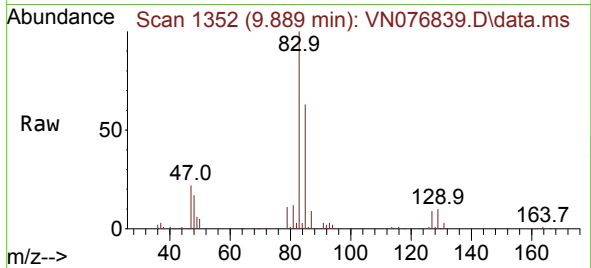




#47
Bromodichloromethane
Concen: 57.970 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

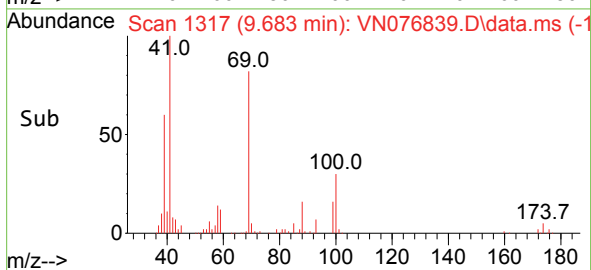
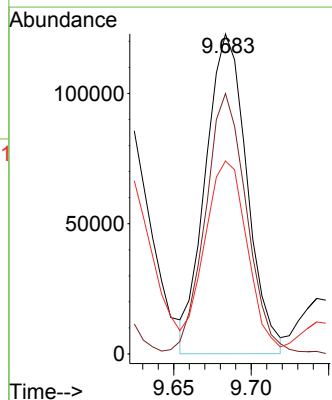
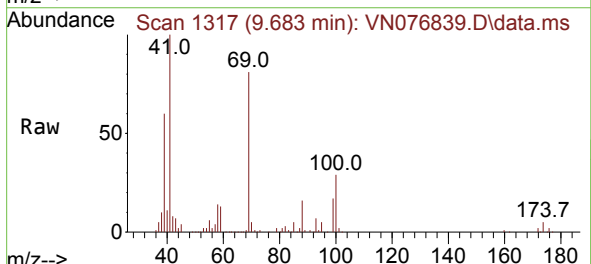
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

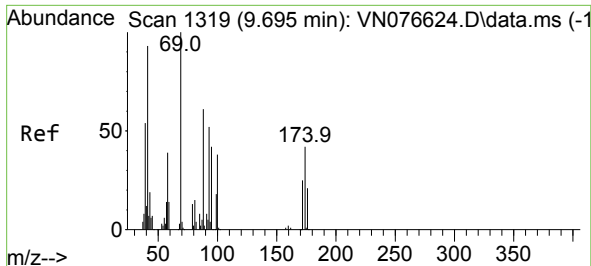
Tgt Ion: 83 Resp: 277012
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.6
127 8.7 7.9 11.9



#48
Methyl methacrylate
Concen: 61.232 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 41 Resp: 228137
Ion Ratio Lower Upper
41 100
69 80.9 65.4 98.0
39 62.2 49.3 73.9





#49

1,4-Dioxane

Concen: 1198.254 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

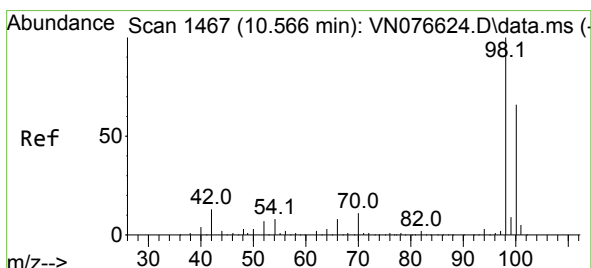
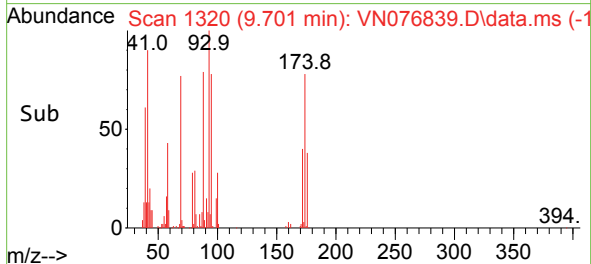
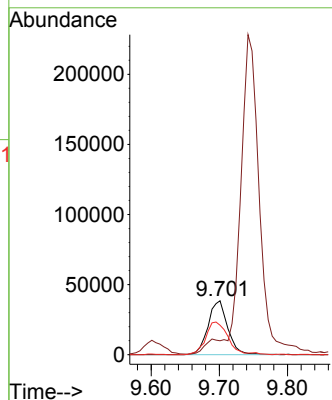
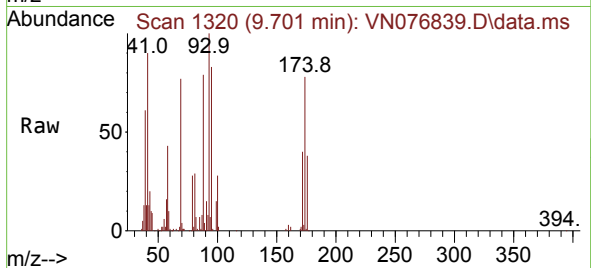
Tgt Ion: 88 Resp: 77227

Ion Ratio Lower Upper

88 100

43 21.6 22.6 33.8#

58 69.1 57.6 86.4



#50

Toluene-d8

Concen: 51.204 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076839.D

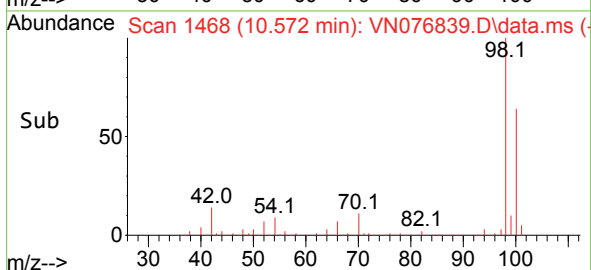
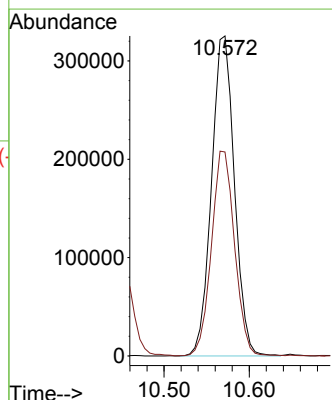
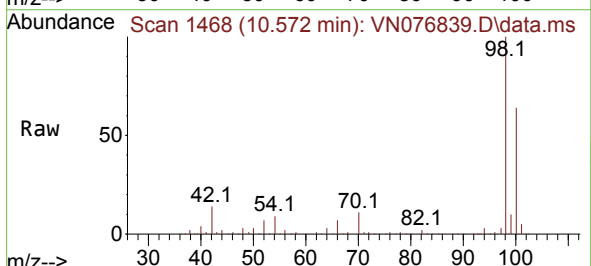
Acq: 28 Feb 2023 20:08

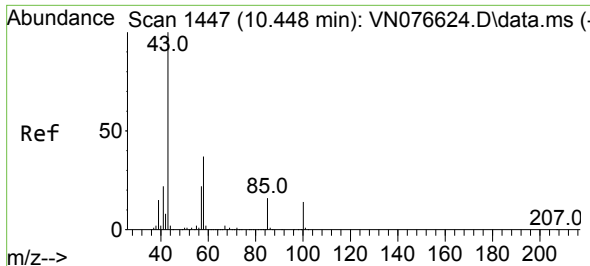
Tgt Ion: 98 Resp: 606973

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 312.968 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

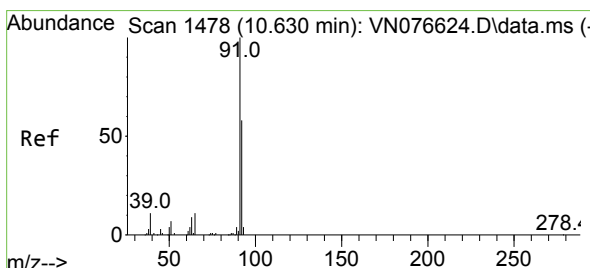
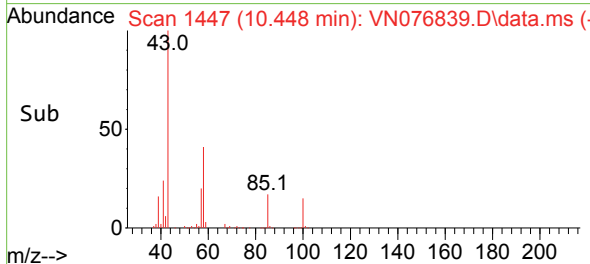
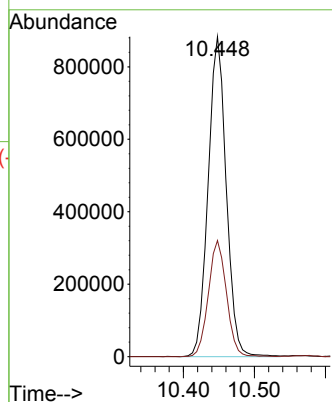
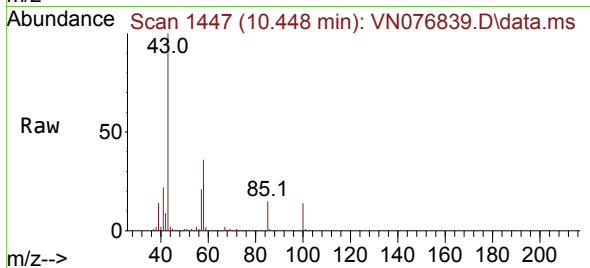
VSTDCCC050EC

Tgt Ion: 43 Resp: 1563468

Ion Ratio Lower Upper

43 100

58 36.4 29.5 44.3



#52

Toluene

Concen: 62.545 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN076839.D

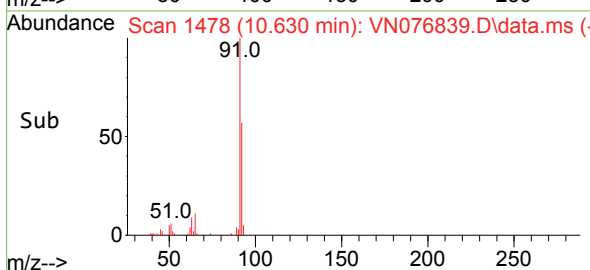
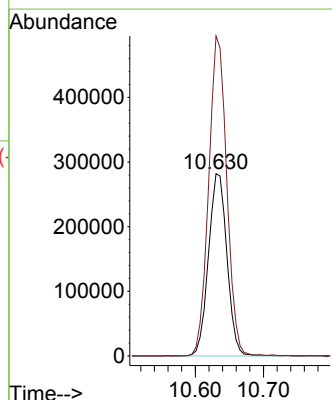
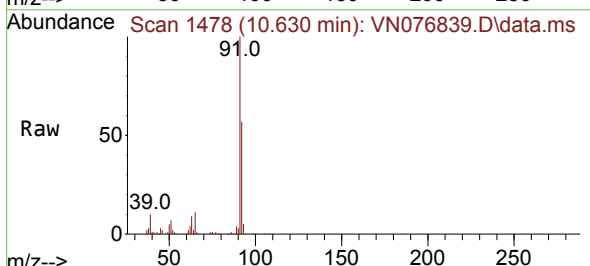
Acq: 28 Feb 2023 20:08

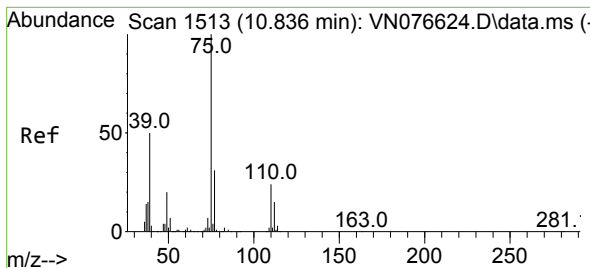
Tgt Ion: 92 Resp: 531810

Ion Ratio Lower Upper

92 100

91 172.4 138.0 207.0

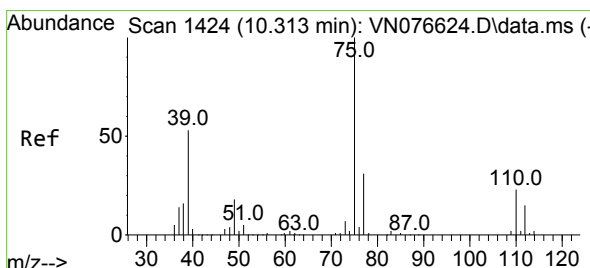
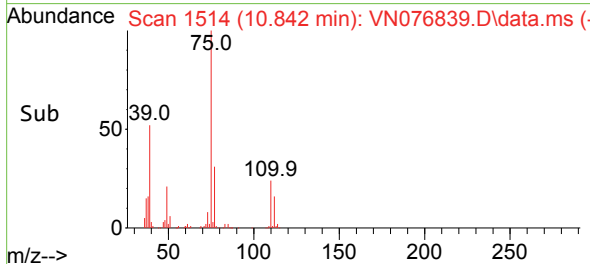
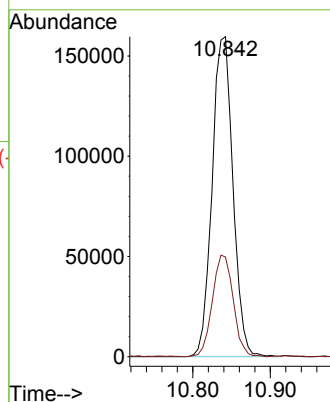
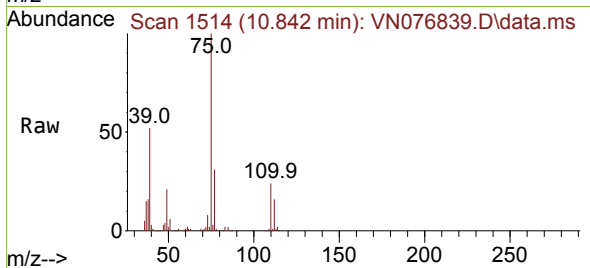




#53
 t-1,3-Dichloropropene
 Concen: 64.538 ug/l
 RT: 10.842 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

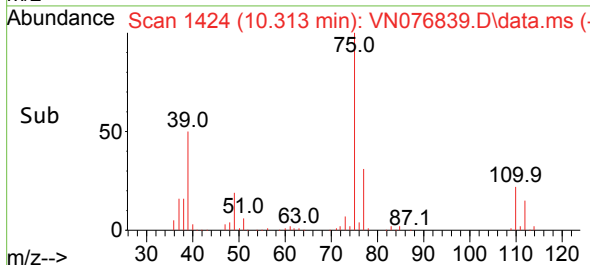
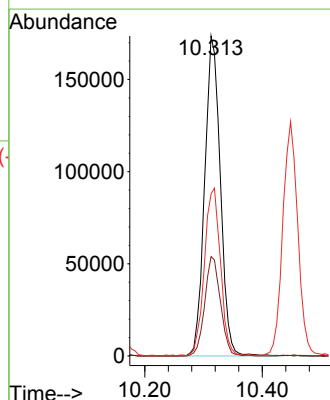
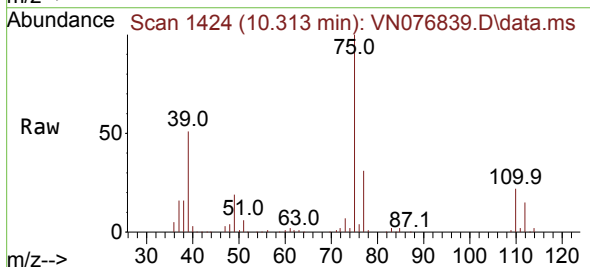
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

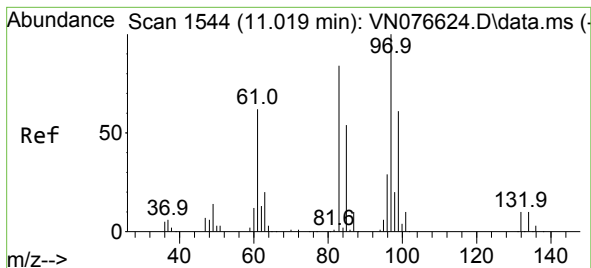
Tgt Ion: 75 Resp: 297666
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 60.418 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

Tgt Ion: 75 Resp: 321432
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7
 39 50.3 42.3 63.5





#55

1,1,2-Trichloroethane

Concen: 58.231 ug/l

RT: 11.019 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 201334

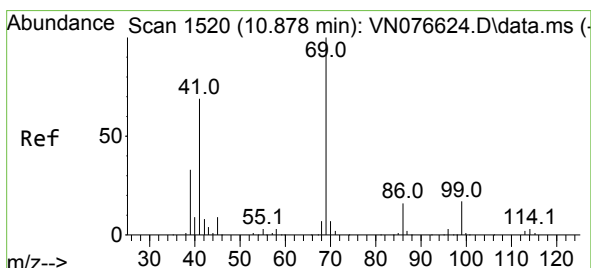
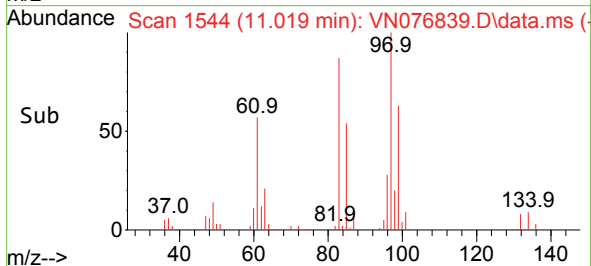
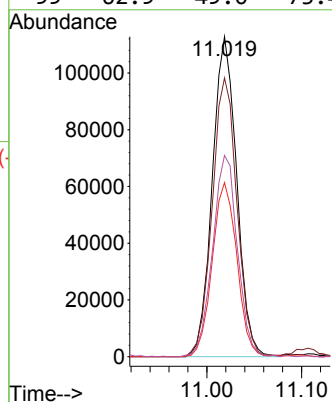
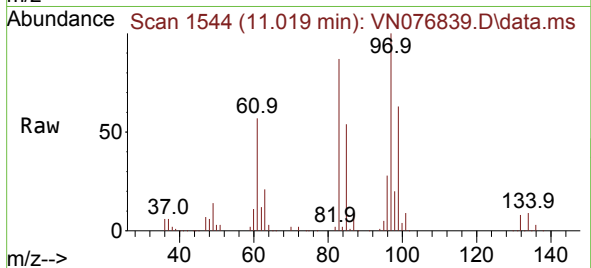
Ion Ratio Lower Upper

97 100

83 87.1 67.3 100.9

85 54.4 43.2 64.8

99 62.9 49.0 73.4



#56

Ethyl methacrylate

Concen: 64.574 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.001 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

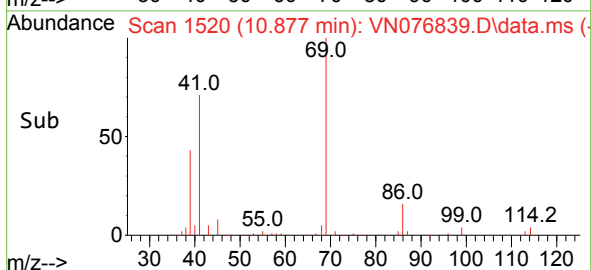
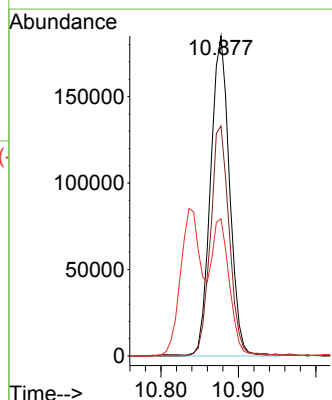
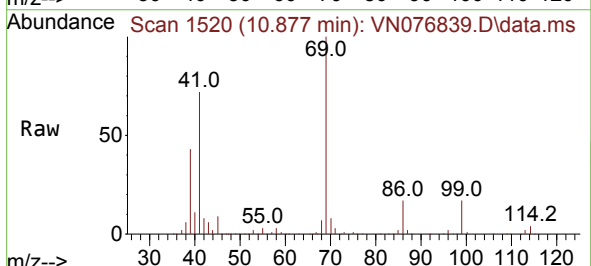
Tgt Ion: 69 Resp: 314266

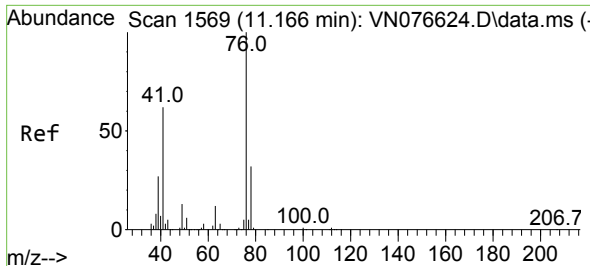
Ion Ratio Lower Upper

69 100

41 70.4 55.1 82.7

39 39.0 30.7 46.1





#57

1,3-Dichloropropane

Concen: 59.671 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

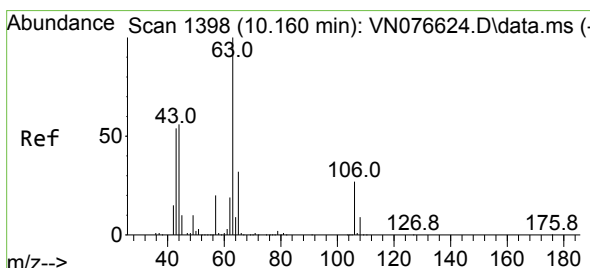
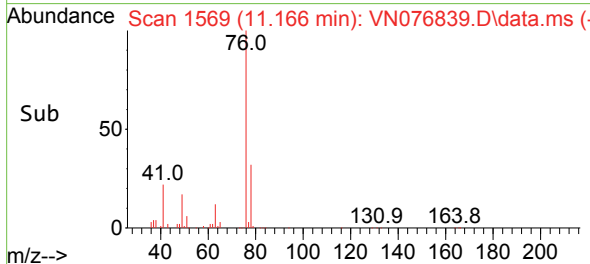
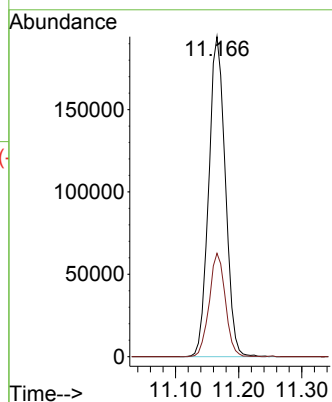
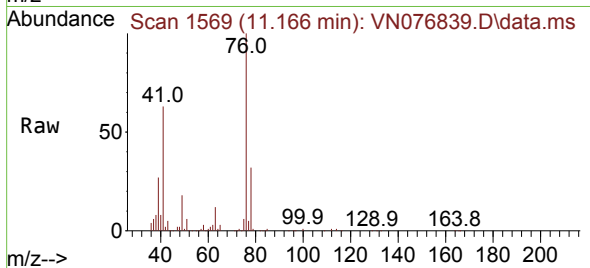
VSTDCCC050EC

Tgt Ion: 76 Resp: 354456

Ion Ratio Lower Upper

76 100

78 31.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 293.870 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076839.D

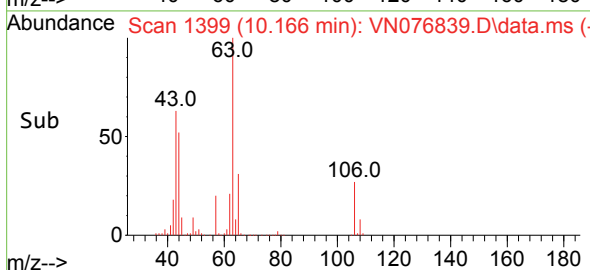
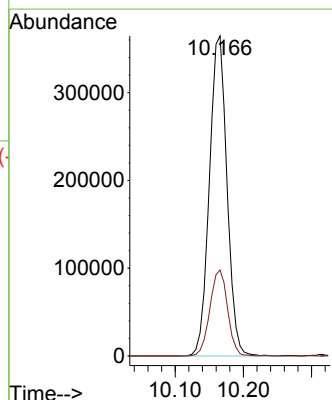
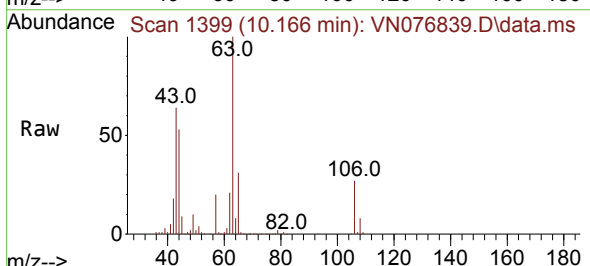
Acq: 28 Feb 2023 20:08

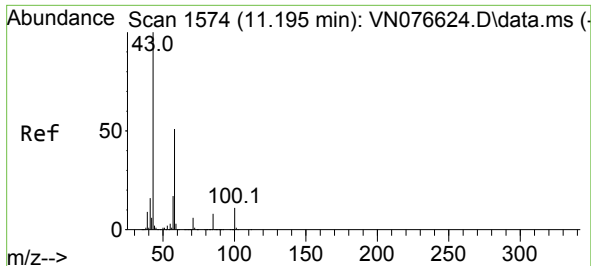
Tgt Ion: 63 Resp: 654991

Ion Ratio Lower Upper

63 100

106 27.0 22.3 33.5

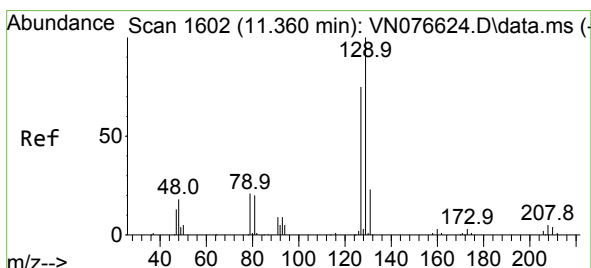
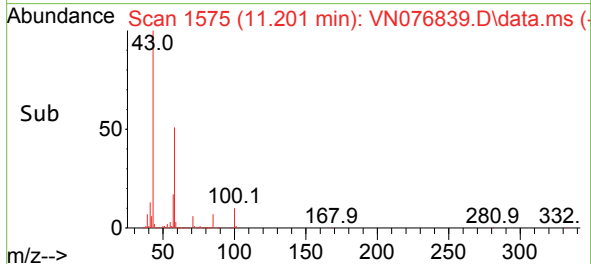
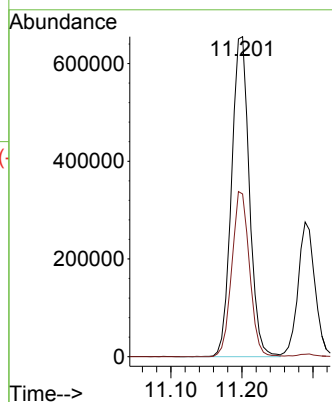
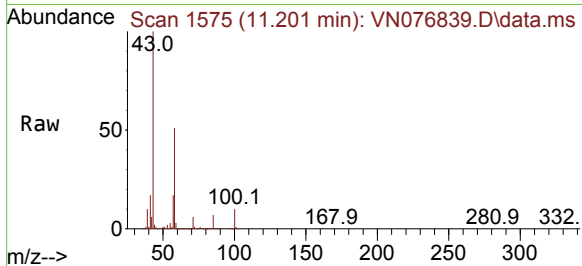




#59
2-Hexanone
Concen: 317.191 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

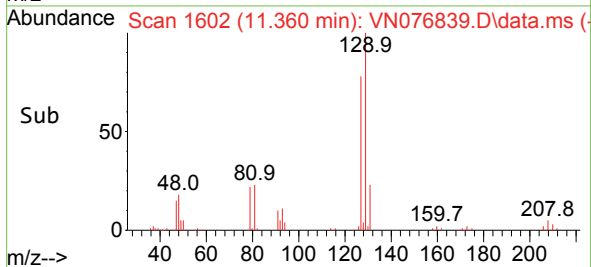
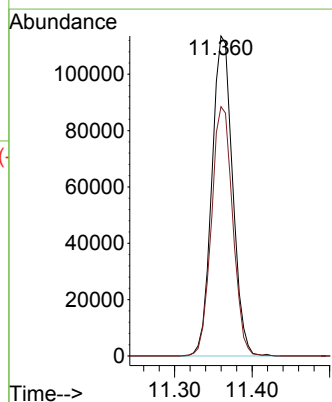
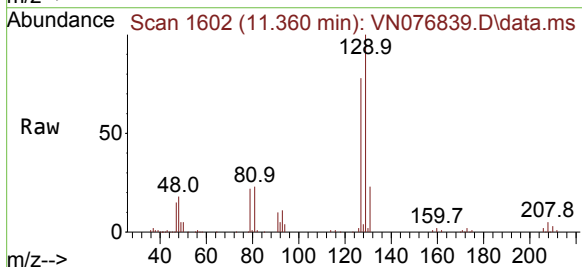
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

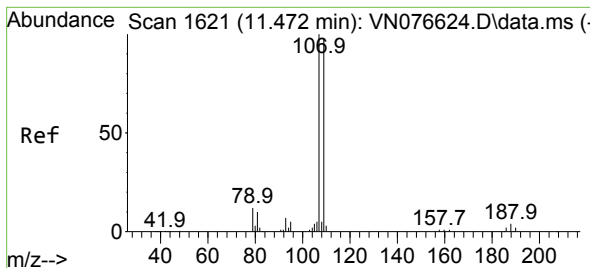
Tgt Ion: 43 Resp: 1142522
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.0



#60
Dibromochloromethane
Concen: 57.873 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 129 Resp: 210888
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.4





#61

1,2-Dibromoethane

Concen: 59.625 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

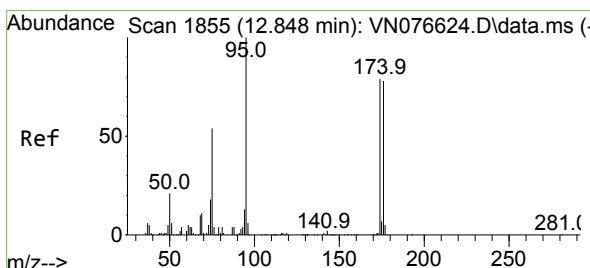
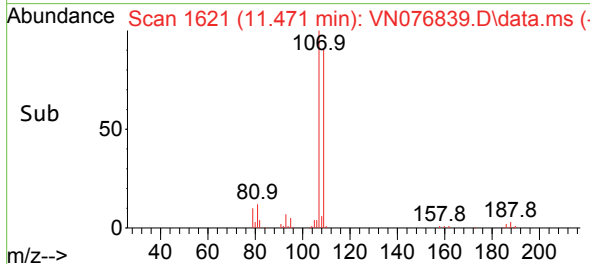
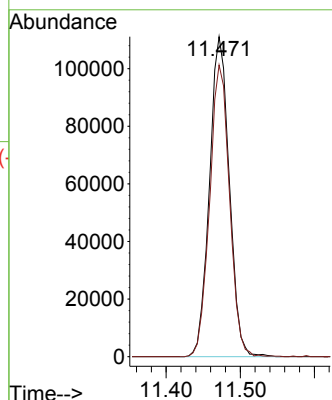
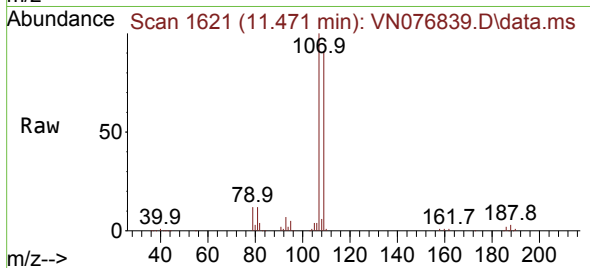
VSTDCCC050EC

Tgt Ion:107 Resp: 206350

Ion Ratio Lower Upper

107 100

109 91.5 76.8 115.2



#62

4-Bromofluorobenzene

Concen: 56.845 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

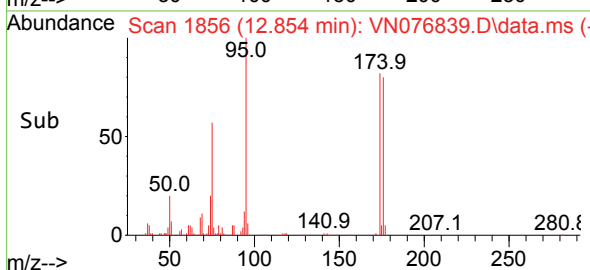
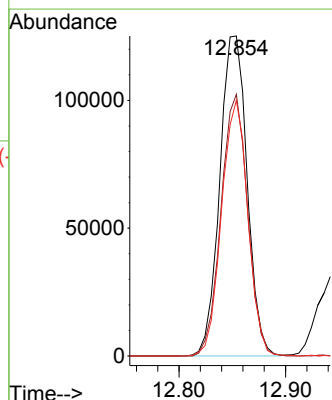
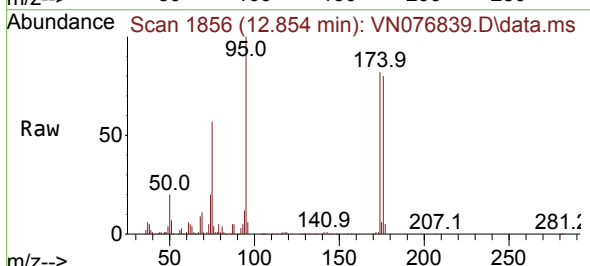
Tgt Ion: 95 Resp: 223178

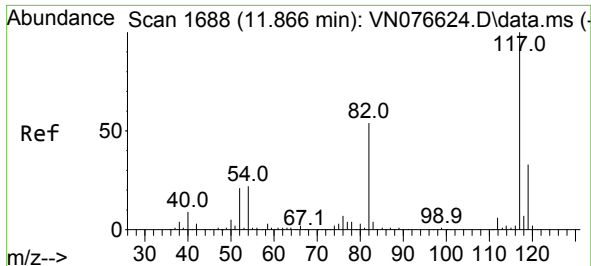
Ion Ratio Lower Upper

95 100

174 79.6 0.0 169.2

176 76.7 0.0 163.4

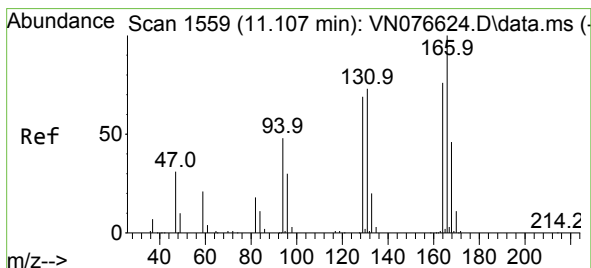
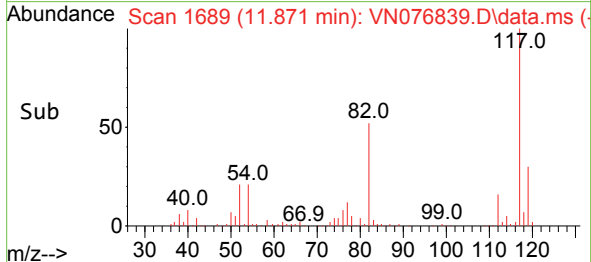
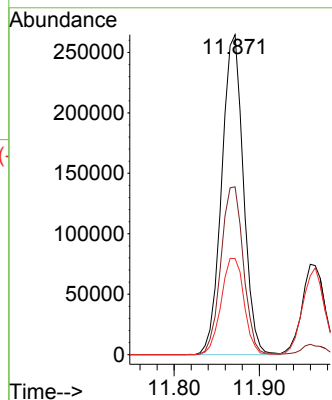
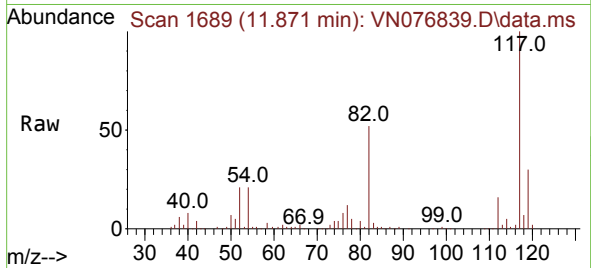




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

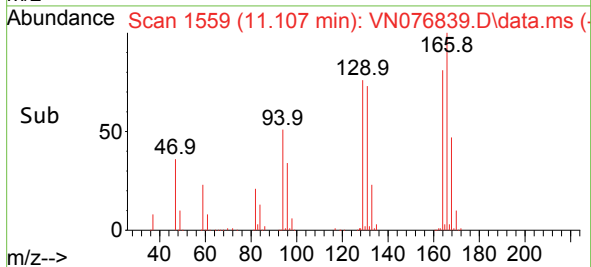
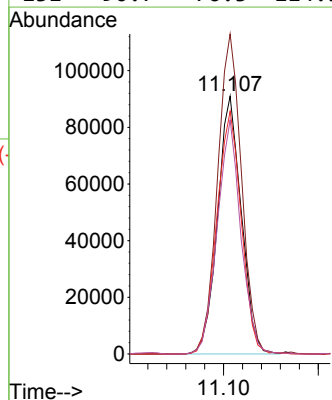
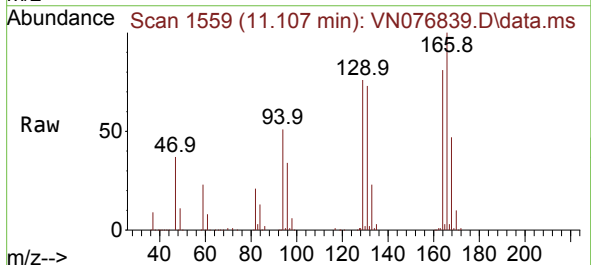
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

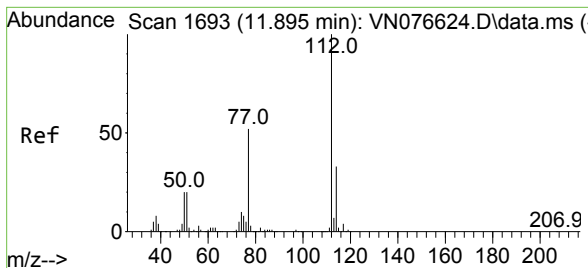
Tgt Ion:117 Resp: 467425
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.2
119 30.1 26.1 39.1



#64
Tetrachloroethene
Concen: 53.739 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:164 Resp: 158299
Ion Ratio Lower Upper
164 100
166 124.1 104.8 157.2
129 94.2 72.2 108.2
131 90.7 76.3 114.5

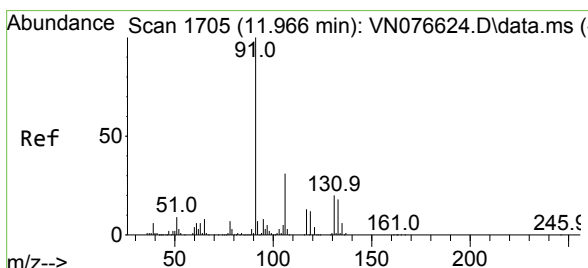
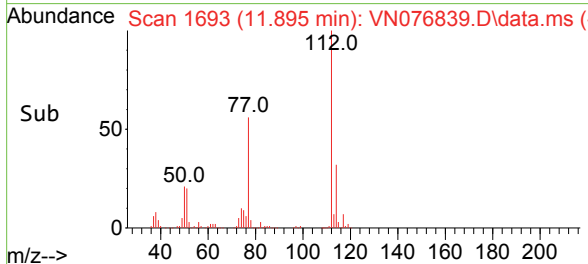
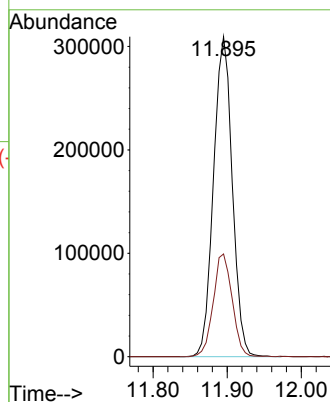
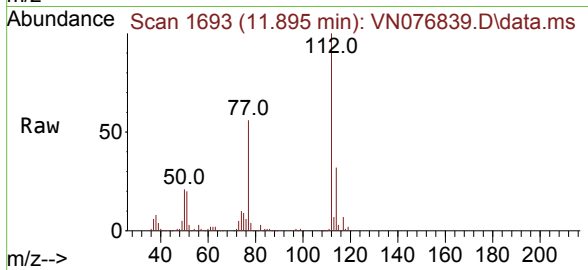




#65
Chlorobenzene
Concen: 54.873 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

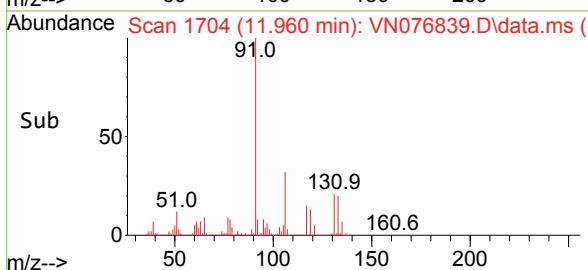
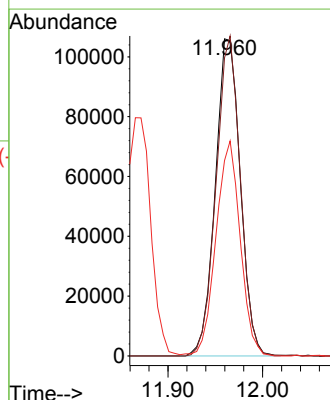
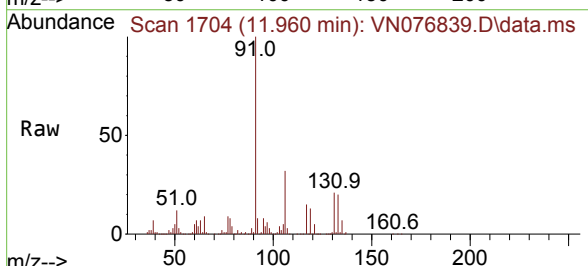
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

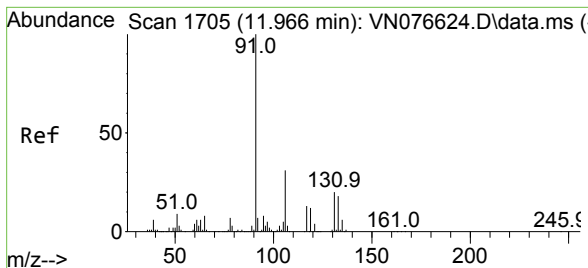
Tgt Ion:112 Resp: 543571
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.160 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:131 Resp: 194873
Ion Ratio Lower Upper
131 100
133 97.3 47.0 141.0
119 65.7 32.3 96.8

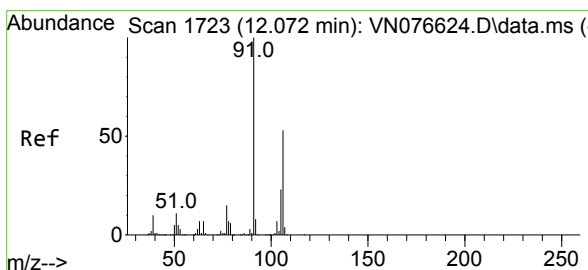
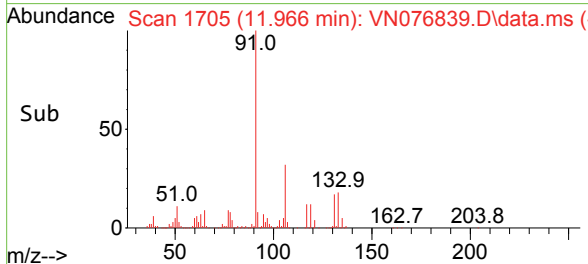
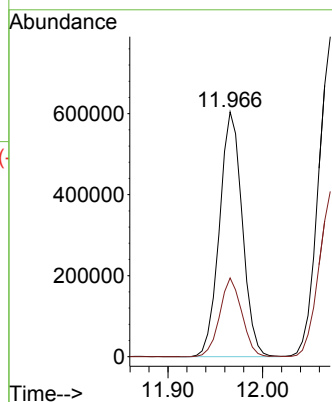
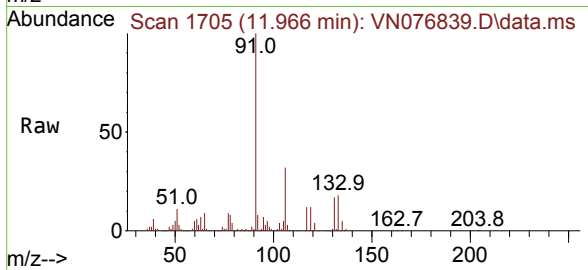




#67
Ethyl Benzene
Concen: 59.918 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

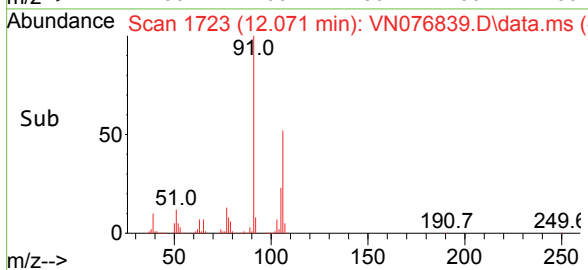
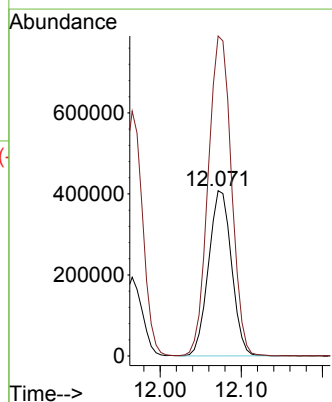
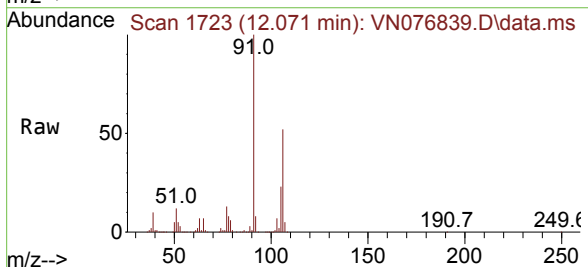
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

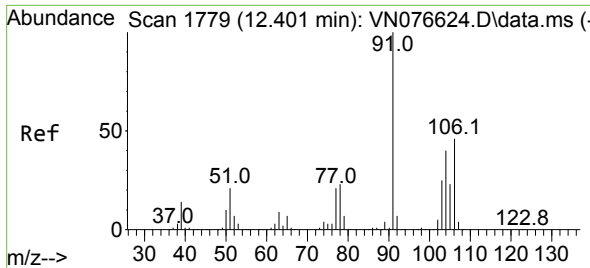
Tgt Ion: 91 Resp: 1011206
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 123.135 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:106 Resp: 801015
Ion Ratio Lower Upper
106 100
91 196.1 154.7 232.1

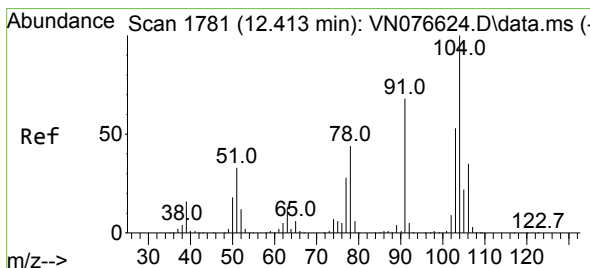
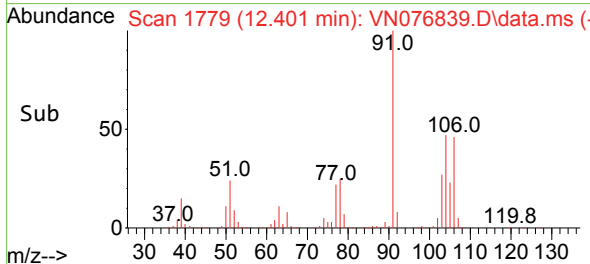
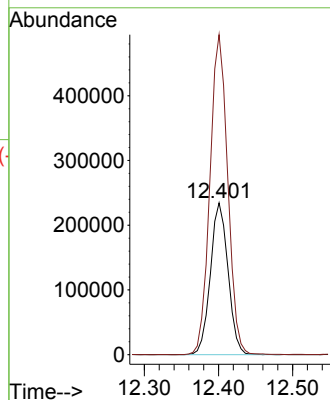
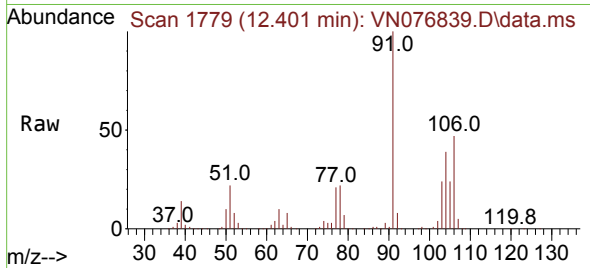




#69
o-Xylene
Concen: 61.054 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

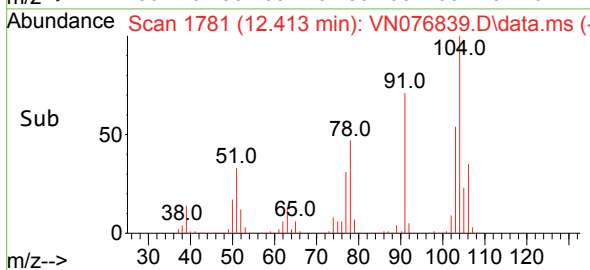
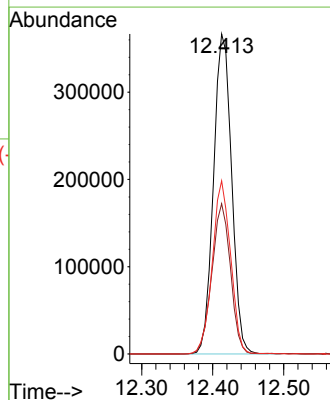
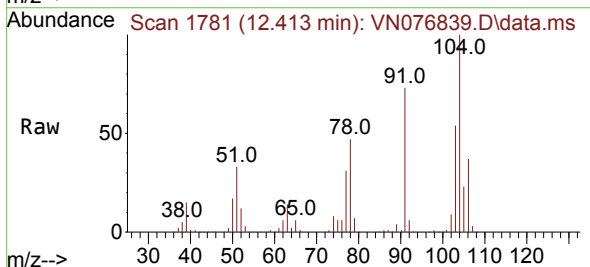
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

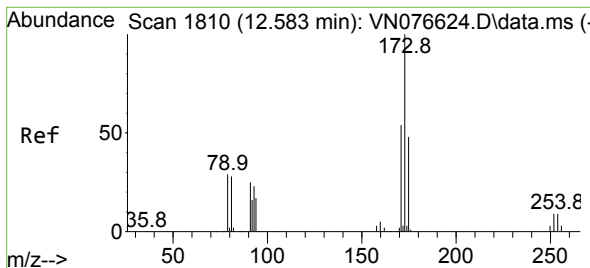
Tgt Ion:106 Resp: 387346
Ion Ratio Lower Upper
106 100
91 213.0 105.8 317.4



#70
Styrene
Concen: 63.273 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:104 Resp: 649134
Ion Ratio Lower Upper
104 100
78 48.1 38.2 57.4
103 54.7 44.2 66.4





#71

Bromoform

Concen: 58.591 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

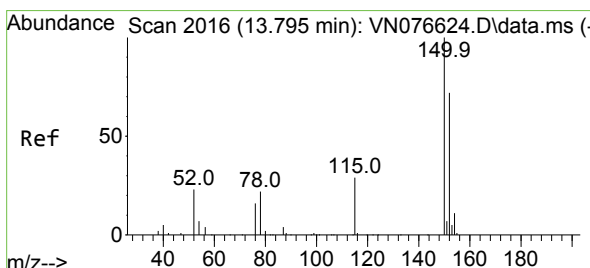
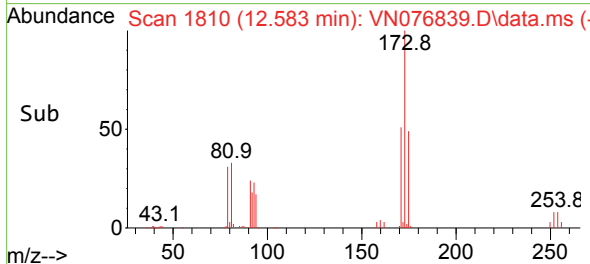
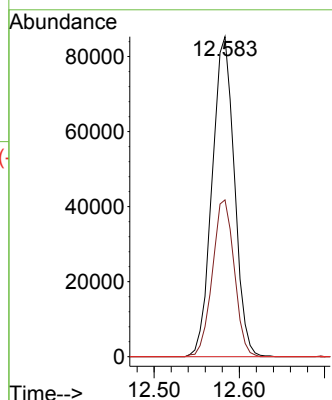
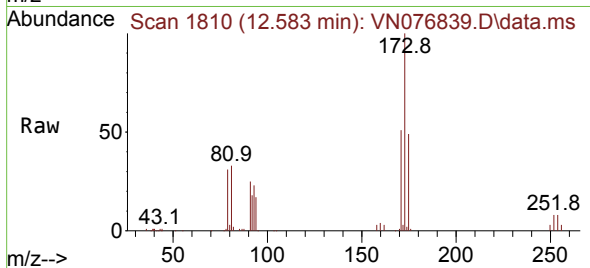
Tgt Ion:173 Resp: 154639

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

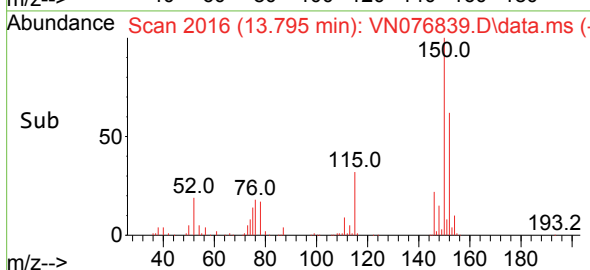
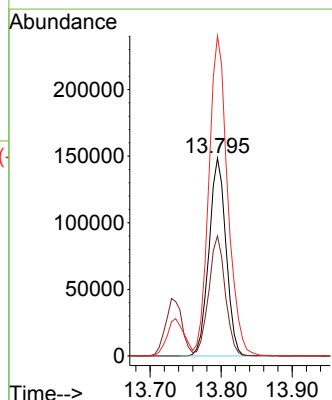
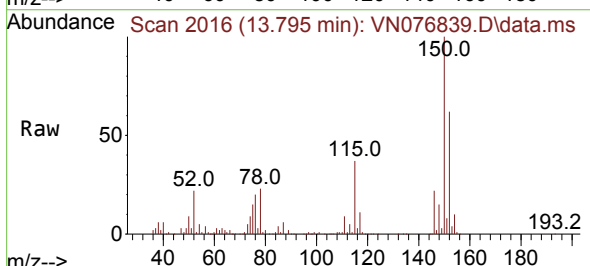
Tgt Ion:152 Resp: 247826

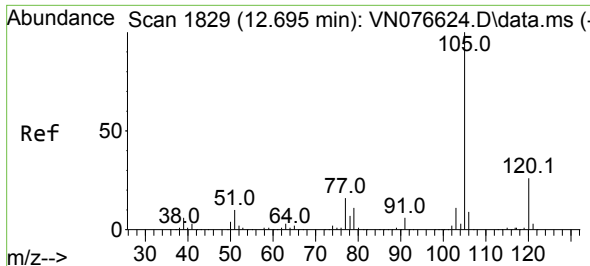
Ion Ratio Lower Upper

152 100

115 58.6 29.3 87.9

150 178.4 0.0 349.8

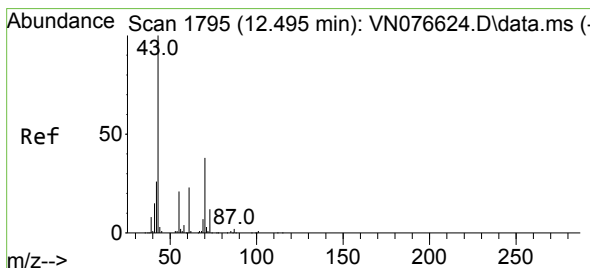
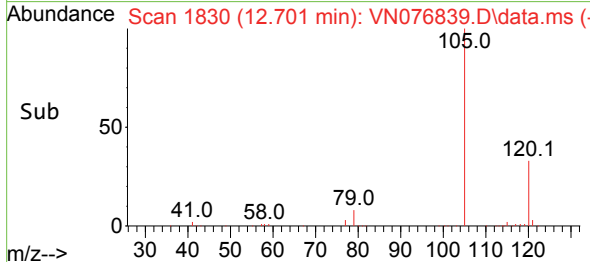
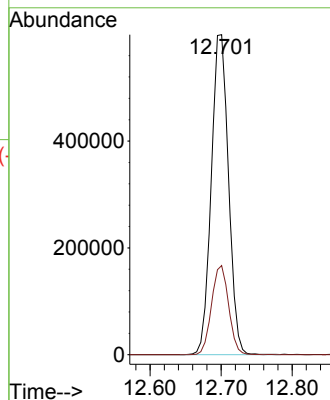
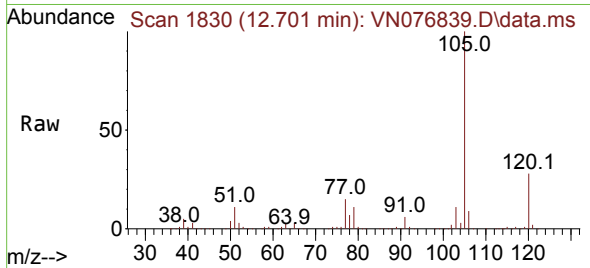




#73
Isopropylbenzene
Concen: 55.568 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

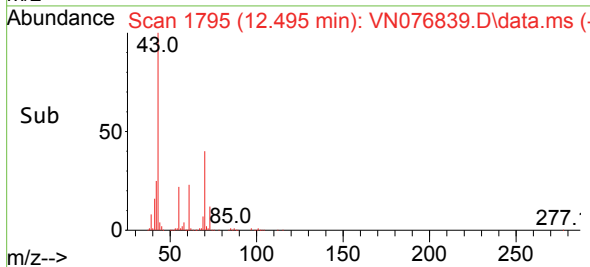
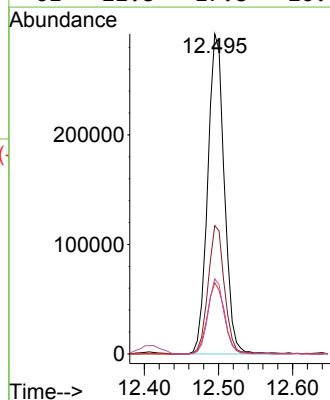
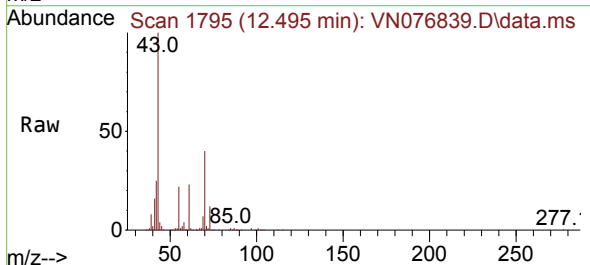
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

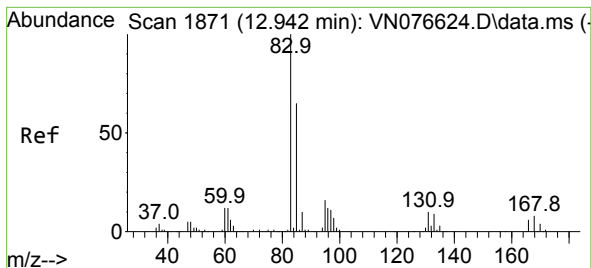
Tgt Ion:105 Resp: 1009369
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.0



#74
N-ethyl acetate
Concen: 55.510 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 43 Resp: 454495
Ion Ratio Lower Upper
43 100
70 39.6 30.5 45.7
55 23.3 17.8 26.8
61 22.8 17.8 26.8





#75

1,1,2-Tetrachloroethane

Concen: 48.692 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

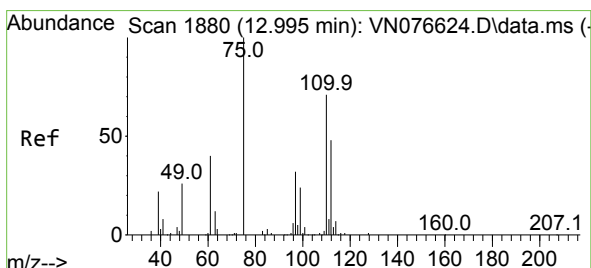
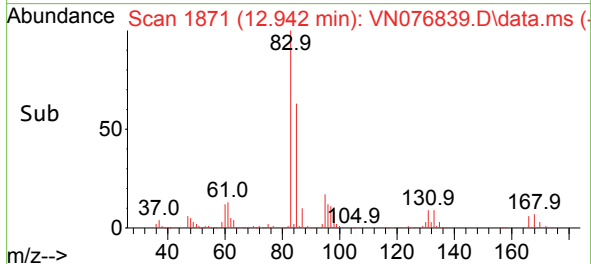
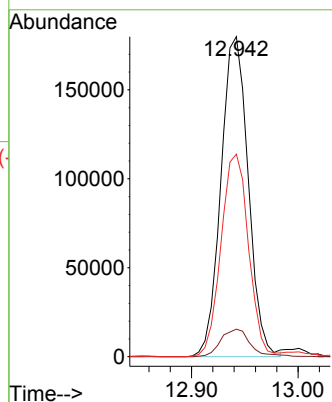
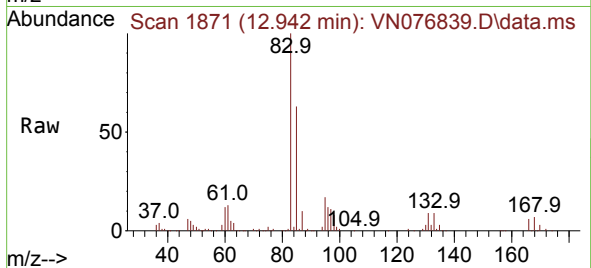
Tgt Ion: 83 Resp: 320158

Ion Ratio Lower Upper

83 100

131 9.4 5.0 15.0

85 63.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 76.485 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN076839.D

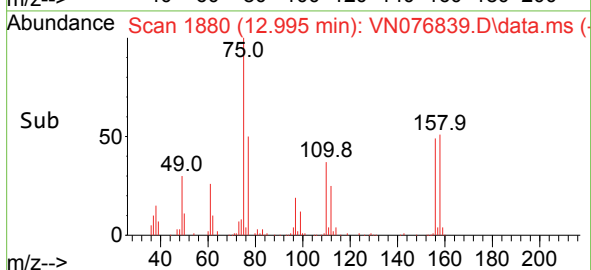
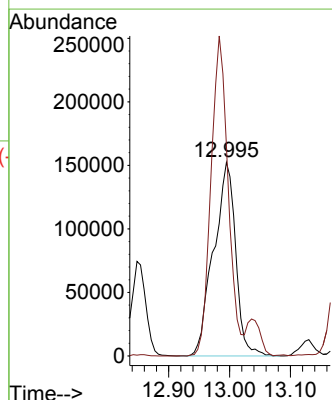
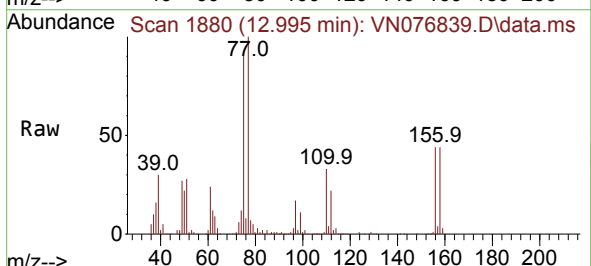
Acq: 28 Feb 2023 20:08

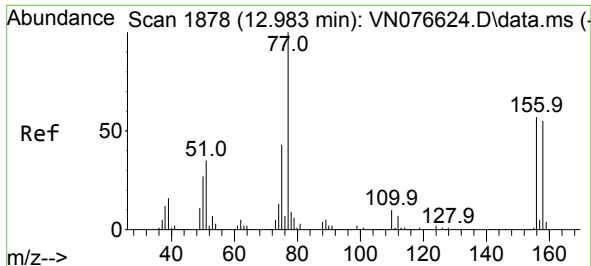
Tgt Ion: 75 Resp: 383217

Ion Ratio Lower Upper

75 100

77 129.6 93.1 279.3

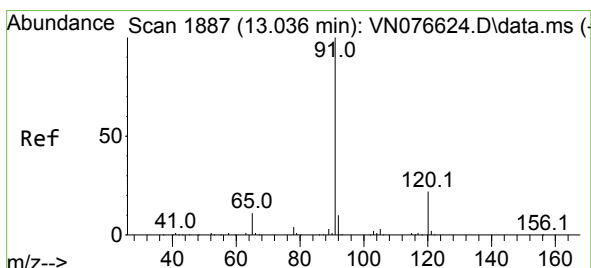
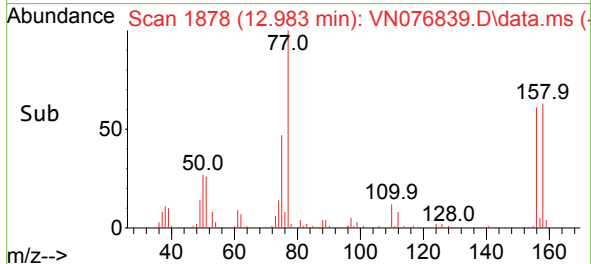
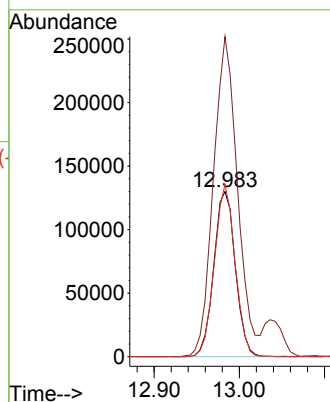
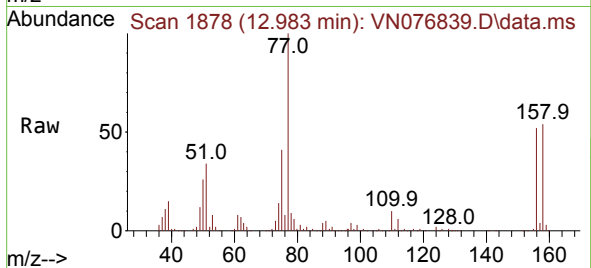




#77
Bromobenzene
Concen: 50.376 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

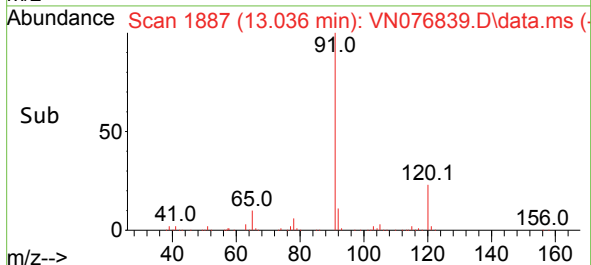
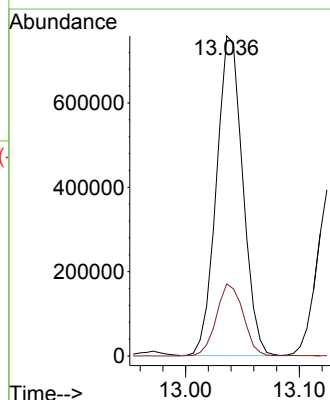
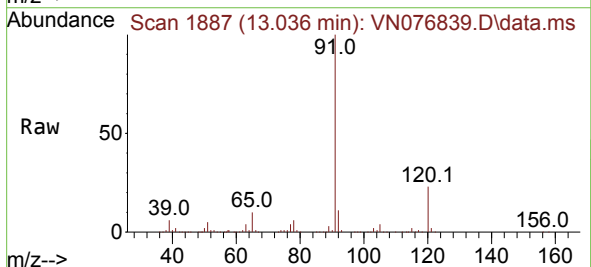
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

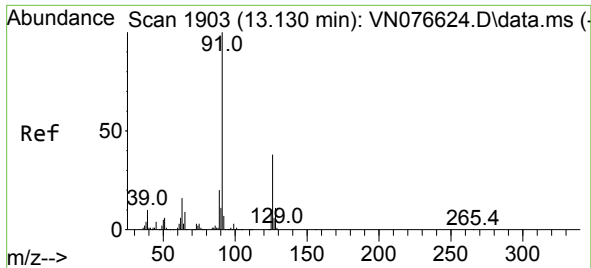
Tgt Ion:156 Resp: 228304
Ion Ratio Lower Upper
156 100
77 217.6 102.8 308.4
158 100.1 48.9 146.6



#78
n-propylbenzene
Concen: 57.269 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 91 Resp: 1221556
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5

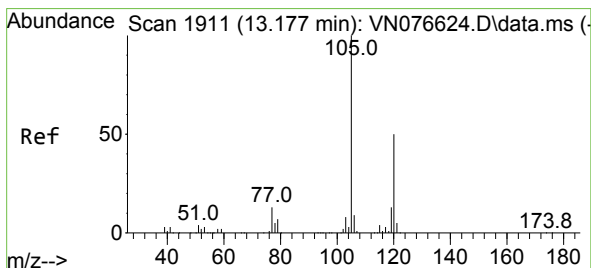
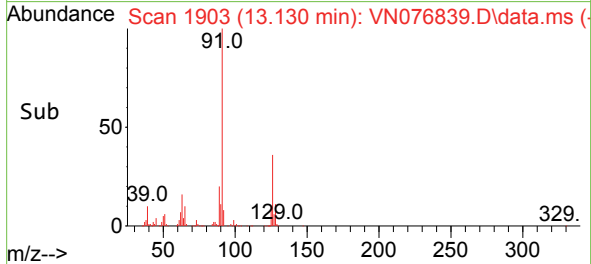
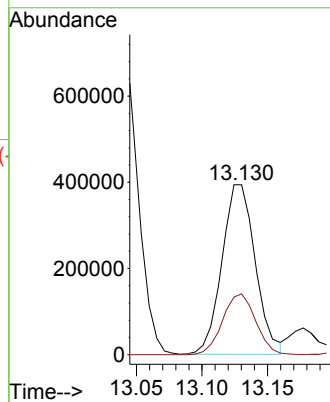
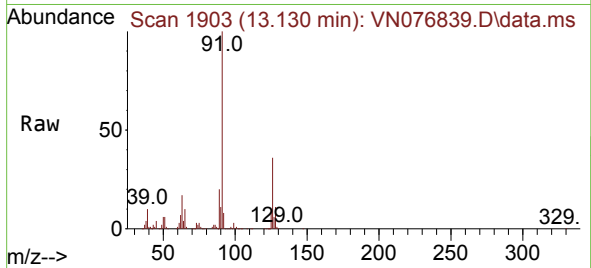




#79
2-Chlorotoluene
Concen: 53.395 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

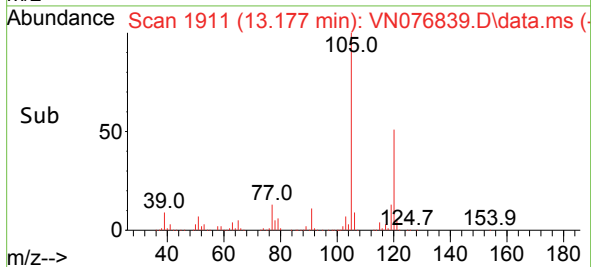
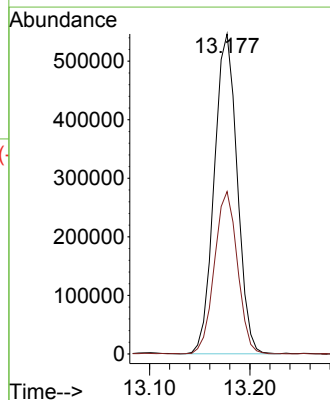
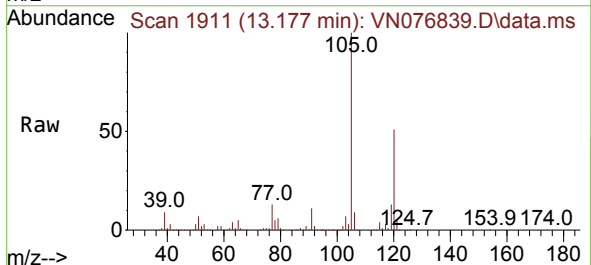
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

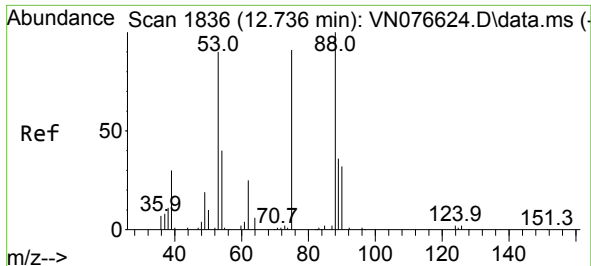
Tgt Ion: 91 Resp: 697354
Ion Ratio Lower Upper
91 100
126 35.5 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 57.745 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion: 105 Resp: 866876
Ion Ratio Lower Upper
105 100
120 50.9 25.1 75.4

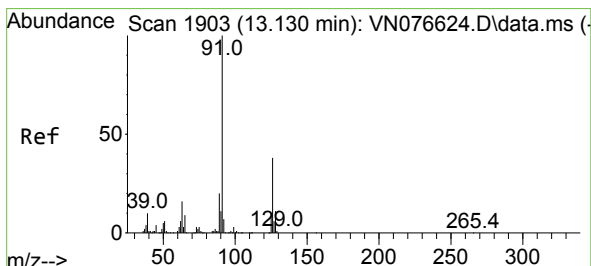
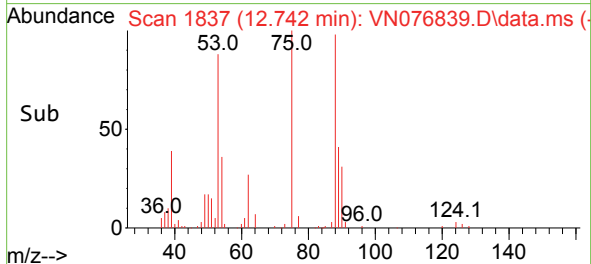
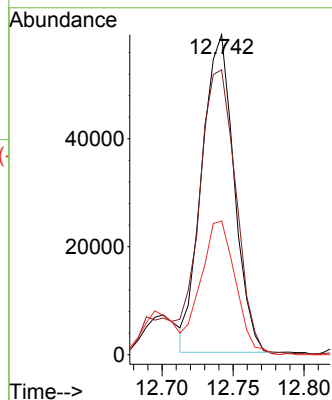
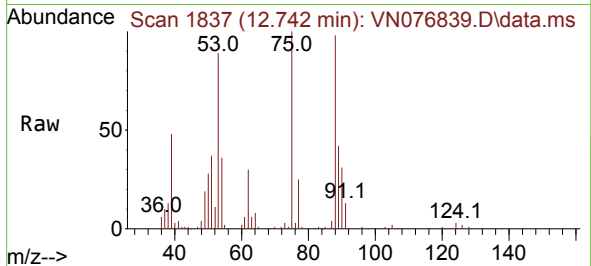




#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.850 ug/l
 RT: 12.742 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

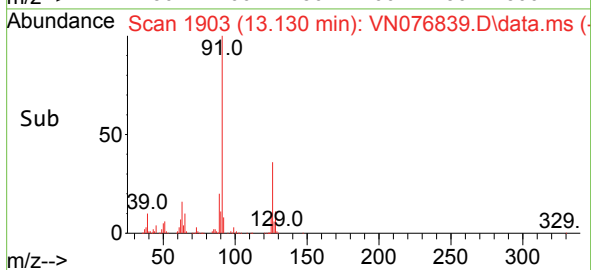
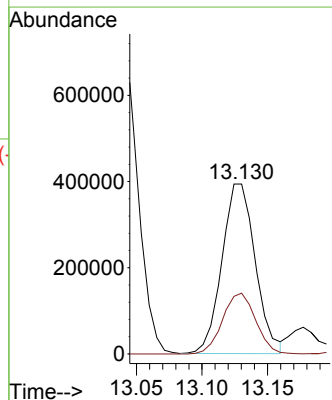
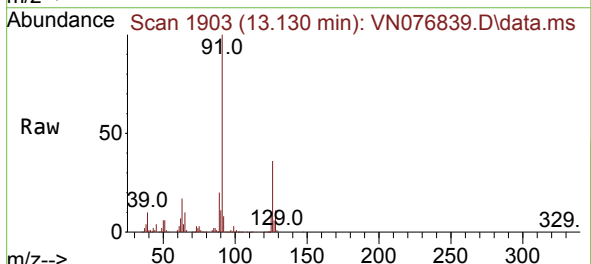
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

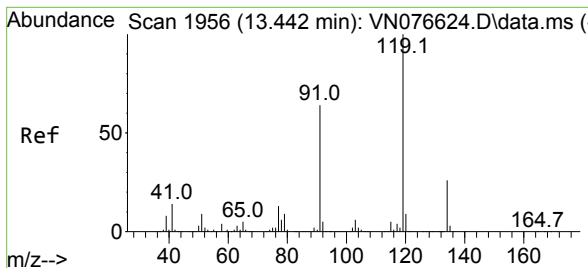
Tgt Ion: 75 Resp: 92635
 Ion Ratio Lower Upper
 75 100
 53 102.8 92.1 138.1
 89 45.7 37.5 56.3



#82
 4-Chlorotoluene
 Concen: 53.395 ug/l
 RT: 13.130 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

Tgt Ion: 91 Resp: 697354
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

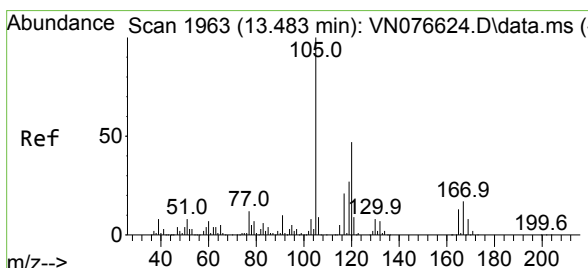
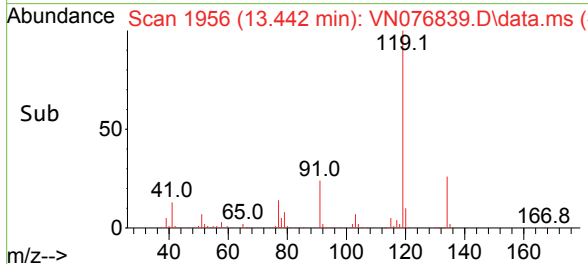
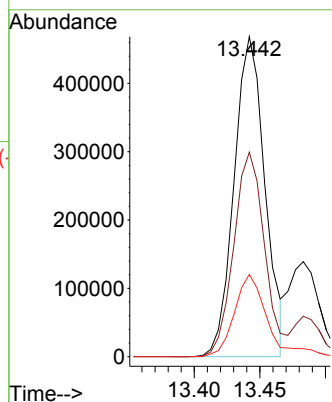
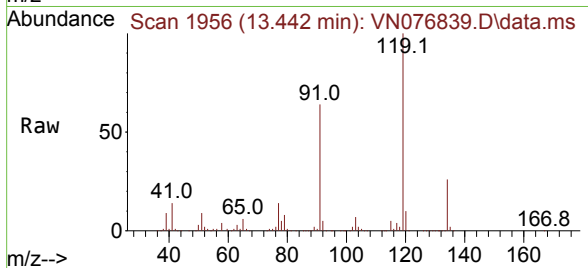




#83
tert-Butylbenzene
Concen: 56.458 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

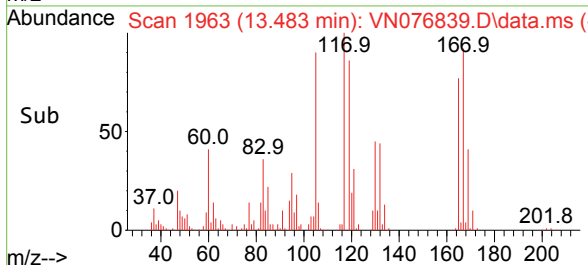
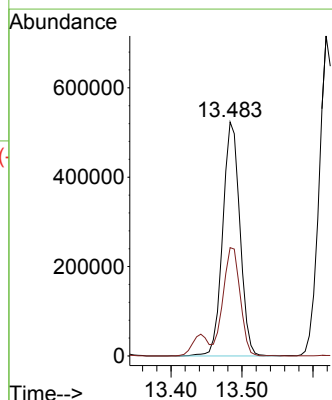
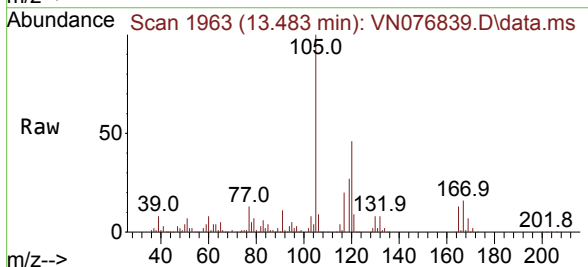
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

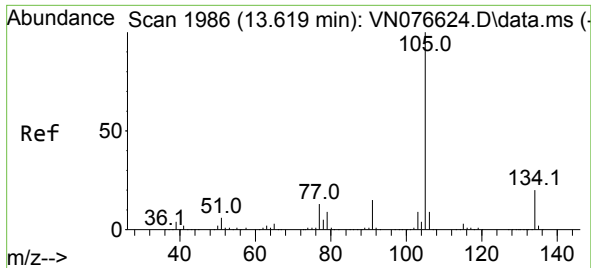
Tgt Ion:119 Resp: 766727
Ion Ratio Lower Upper
119 100
91 64.4 32.0 96.2
134 27.4 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 58.587 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:105 Resp: 876535
Ion Ratio Lower Upper
105 100
120 46.5 23.0 69.0

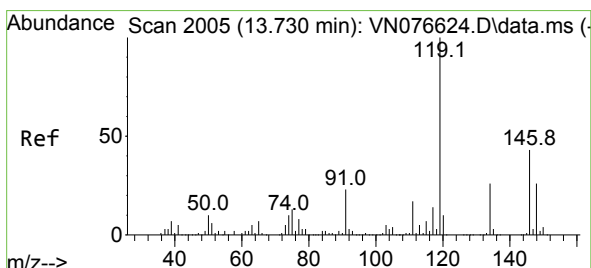
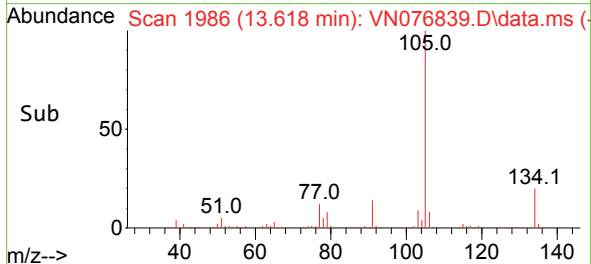
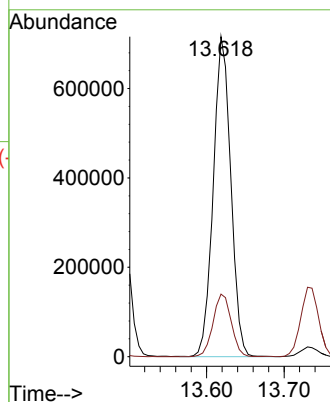
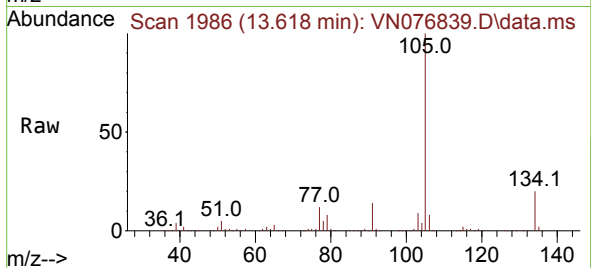




#85
 sec-Butylbenzene
 Concen: 59.380 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

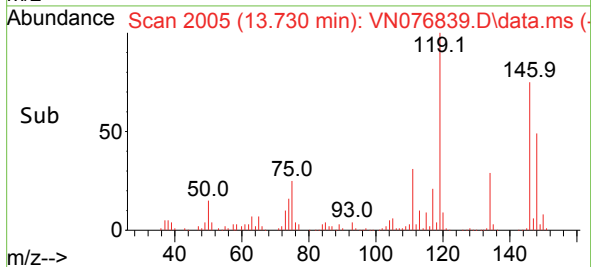
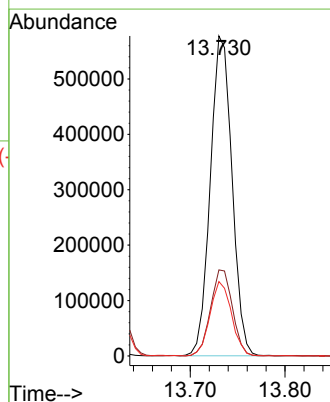
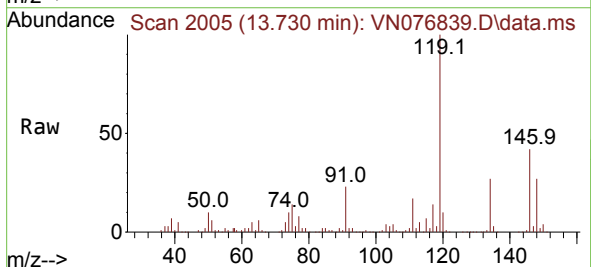
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

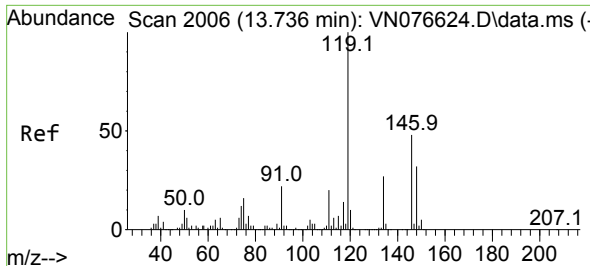
Tgt Ion:105 Resp: 1125876
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 60.711 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076839.D
 Acq: 28 Feb 2023 20:08

Tgt Ion:119 Resp: 919188
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.2 11.7 35.0

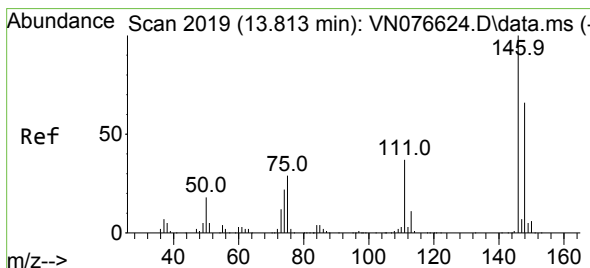
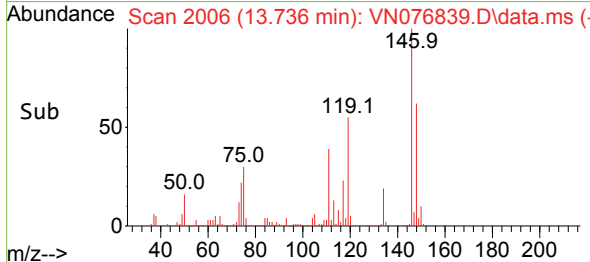
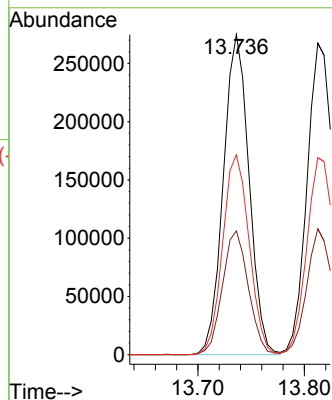
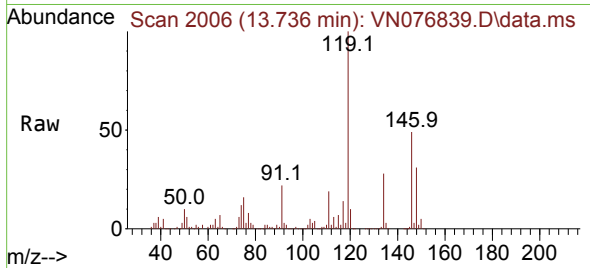




#87
1,3-Dichlorobenzene
Concen: 53.688 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

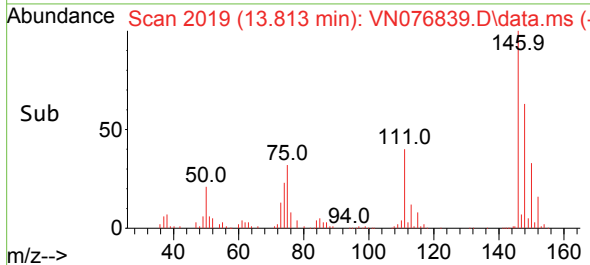
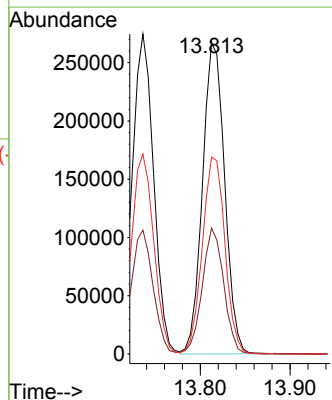
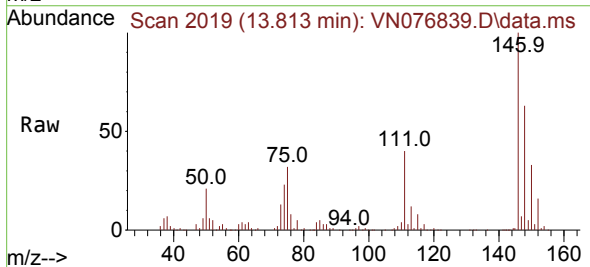
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

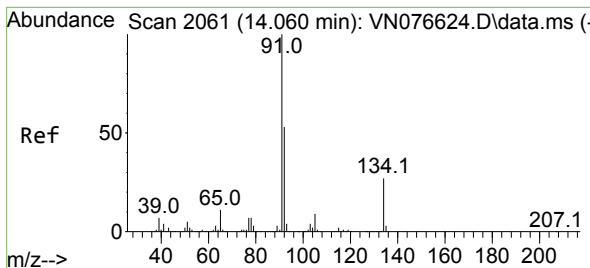
Tgt Ion:146 Resp: 459945
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.4
148 64.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 53.653 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:146 Resp: 457727
Ion Ratio Lower Upper
146 100
111 39.2 19.4 58.1
148 64.7 32.7 98.1





#89

n-Butylbenzene

Concen: 59.758 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

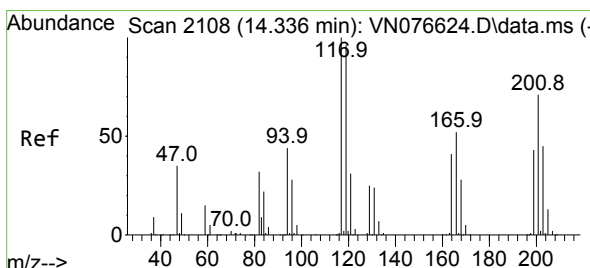
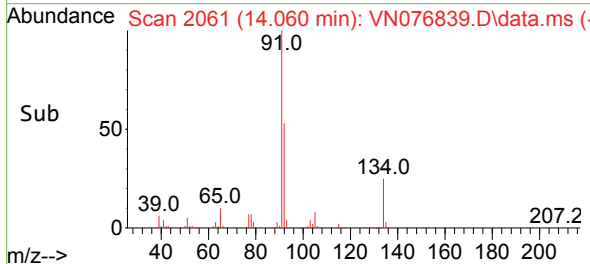
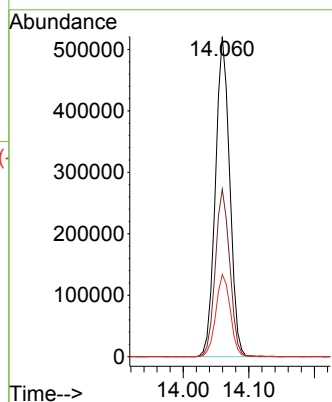
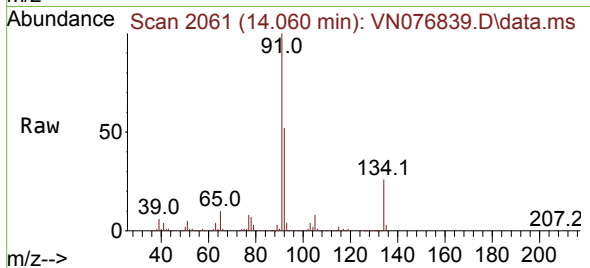
Tgt Ion: 91 Resp: 786919

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 26.0 13.2 39.5



#90

Hexachloroethane

Concen: 52.175 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076839.D

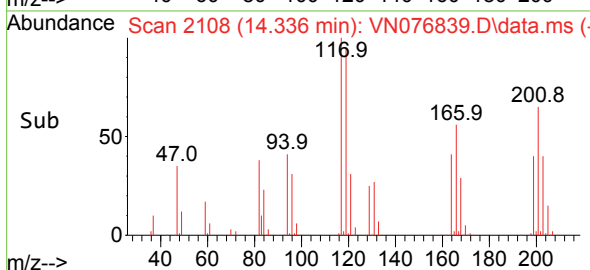
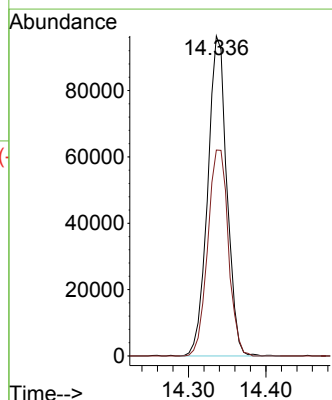
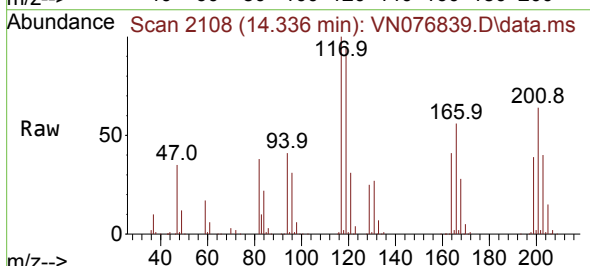
Acq: 28 Feb 2023 20:08

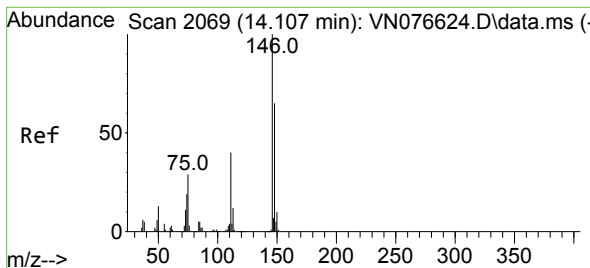
Tgt Ion: 117 Resp: 165403

Ion Ratio Lower Upper

117 100

201 69.1 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 52.434 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

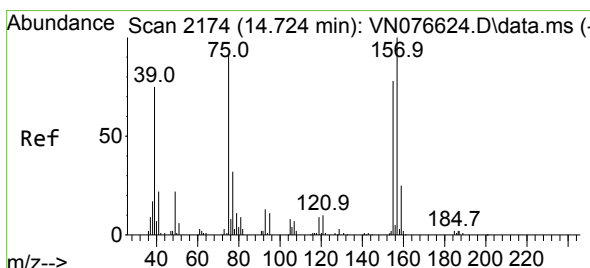
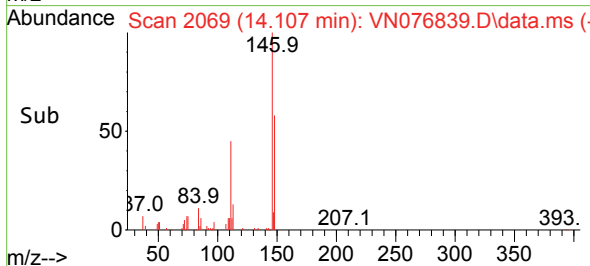
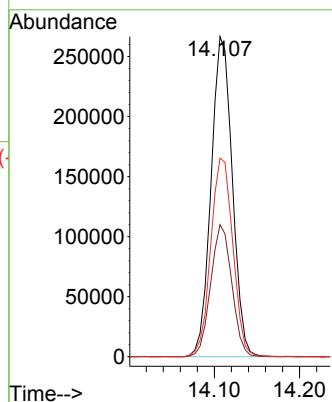
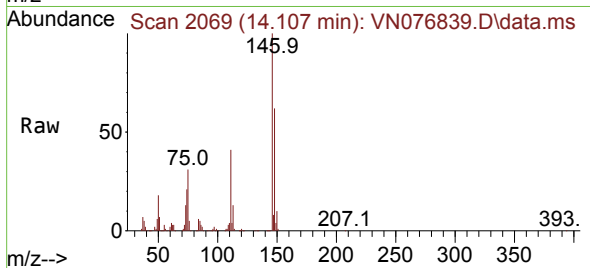
Tgt Ion:146 Resp: 460515

Ion Ratio Lower Upper

146 100

111 40.9 20.0 59.9

148 64.7 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.658 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

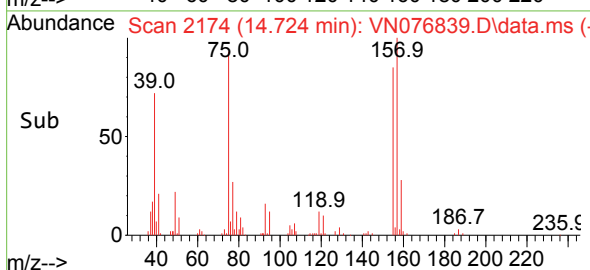
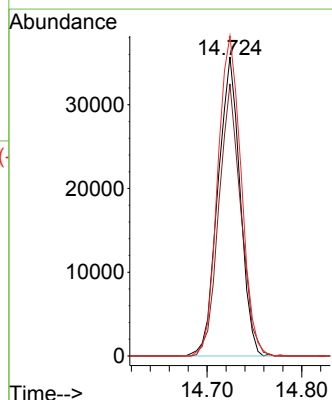
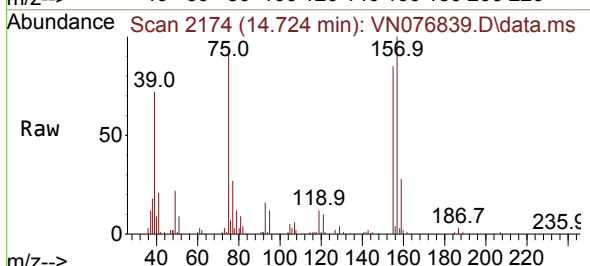
Tgt Ion: 75 Resp: 58162

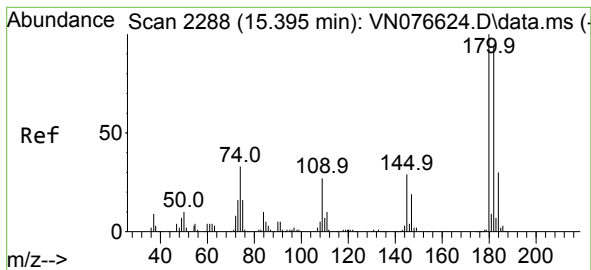
Ion Ratio Lower Upper

75 100

155 90.0 43.4 130.2

157 112.9 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 53.064 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

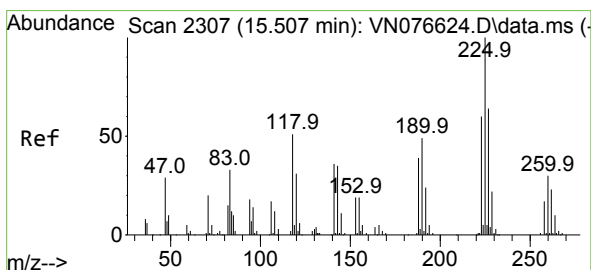
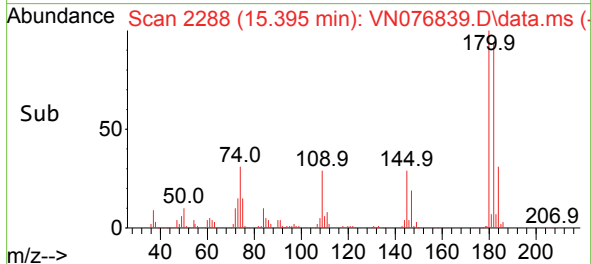
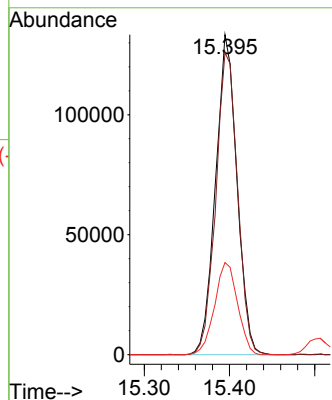
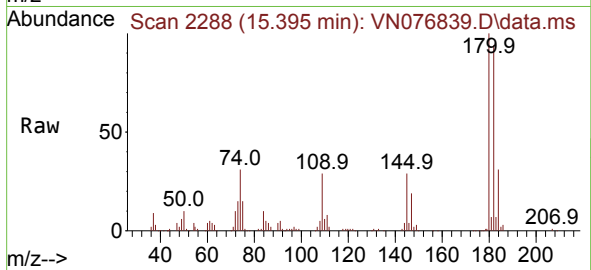
Tgt Ion:180 Resp: 232473

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 31.0 15.2 45.6



#94

Hexachlorobutadiene

Concen: 50.506 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076839.D

Acq: 28 Feb 2023 20:08

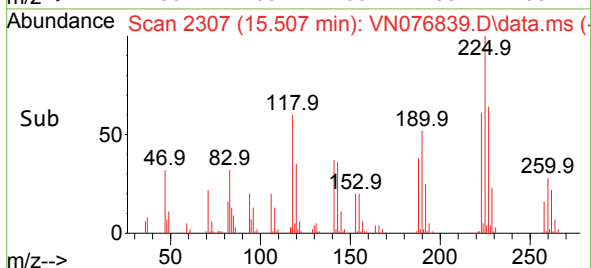
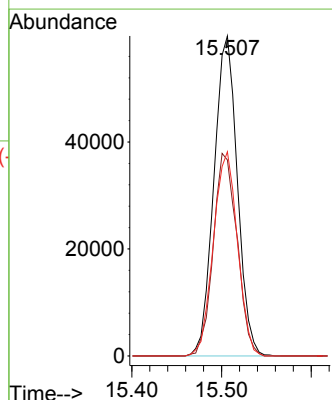
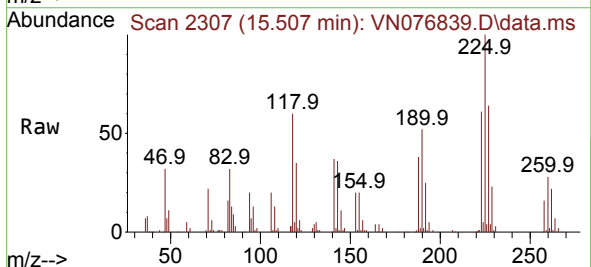
Tgt Ion:225 Resp: 108447

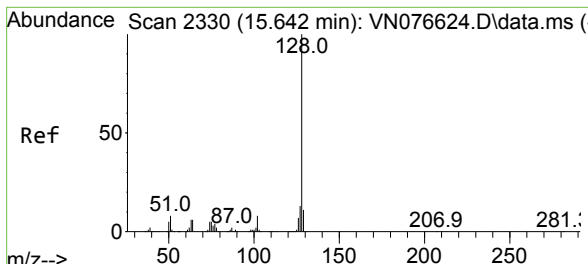
Ion Ratio Lower Upper

225 100

223 64.4 31.6 95.0

227 65.5 31.3 93.9

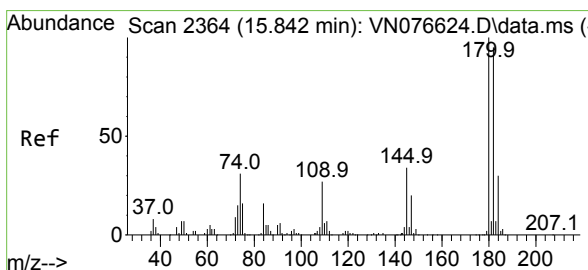
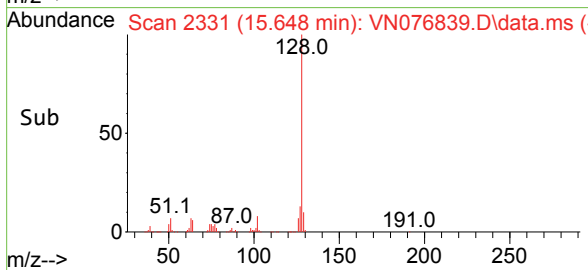
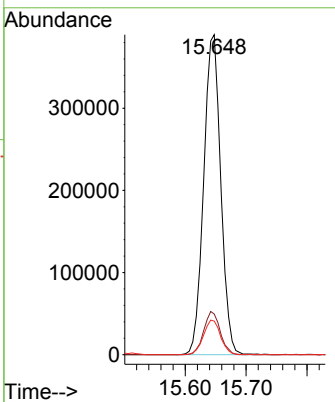
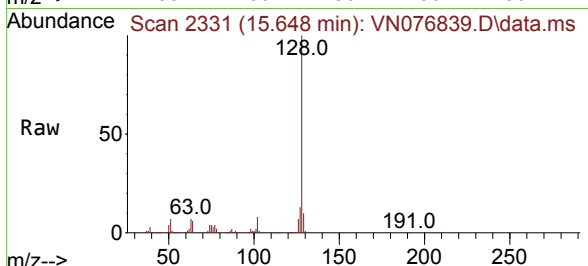




#95
Naphthalene
Concen: 56.975 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	757451
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.744 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076839.D
Acq: 28 Feb 2023 20:08

Tgt Ion:	180	Resp:	232356
Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.7	140.1
145	30.8	16.0	47.9

