

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076676.D
 Acq On : 15 Feb 2023 10:24
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 16 01:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	31159	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	219010	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	240062	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	92177	32.345	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.800%
60) 4-Bromofluorobenzene	12.854	95	123426	29.068	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.900%
63) Toluene-d8	10.571	98	261839	31.139	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	17055	5.172	ug/l	98
3) Chloromethane	2.378	50	24193	5.975	ug/l	100
4) Vinyl Chloride	2.531	62	24989	5.782	ug/l	95
5) Bromomethane	2.954	94	19516	6.541	ug/l	93
6) Chloroethane	3.125	64	16714	5.964	ug/l	92
7) Trichlorofluoromethane	3.507	101	31545	5.856	ug/l	93
8) Diethyl Ether	3.972	74	11735	5.490	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	12687	3.875	ug/l	83
10) 1,1-Dichloroethene	4.342	96	9268	3.014	ug/l	87
11) Methyl Iodide	4.601	142	18267	4.760	ug/l #	79
12) Methyl Acetate	5.042	43	36426	5.778	ug/l #	89
13) Acrolein	4.189	56	23129	30.891	ug/l	100
14) Acrylonitrile	5.731	53	53042	27.416	ug/l	93
15) Acetone	4.448	58	14141	22.575	ug/l	77
16) Carbon Disulfide	4.725	76	50213	5.822	ug/l	99
17) Allyl chloride	5.042	41	32935	5.984	ug/l	97
18) Methylene Chloride	5.278	84	11433	2.946	ug/l #	78
19) trans-1,2-Dichloroethene	5.801	96	11295	3.275	ug/l #	76
20) Diisopropyl ether	6.683	45	72578	5.576	ug/l	92
21) 1,1-Dichloroethane	6.572	63	24645	3.620	ug/l #	87
22) cis-1,2-Dichloroethene	7.495	96	21517	5.438	ug/l #	91
23) tert-Butyl Alcohol	5.525	59	10766	19.255	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	57417	5.397	ug/l #	81
25) Chloroform	7.972	83	36279	5.434	ug/l	96
26) Cyclohexane	8.260	56	32581	5.354	ug/l #	93
29) 1,1-Dichloropropene	8.377	75	27095	5.424	ug/l	97
30) 2-Butanone	7.495	43	76573	26.277	ug/l #	58
31) 2,2-Dichloropropane	7.495	77	17810	3.411	ug/l #	70
32) 1,1,1-Trichloroethane	8.177	97	32610	5.623	ug/l	96
33) Carbon Tetrachloride	8.366	117	27118	5.396	ug/l #	91
34) Benzene	8.613	78	91290	5.724	ug/l #	96
35) Methacrylonitrile	7.783	41	17709	5.571	ug/l	96
36) 1,2-Dichloroethane	8.677	62	30248	5.666	ug/l	99
37) Trichloroethene	9.354	130	20713	5.584	ug/l	95
38) Methylcyclohexane	9.607	83	32973	5.245	ug/l	90
39) 1,2-Dichloropropane	9.624	63	24448	5.898	ug/l #	85
40) Dibromomethane	9.713	93	14769	5.587	ug/l	98
41) Bromodichloromethane	9.889	83	29454	5.555	ug/l	98
42) Vinyl Acetate	6.613	43	213381	25.267	ug/l	98

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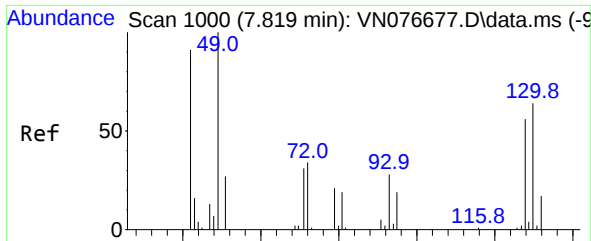
Quant Time: Feb 16 01:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	29441	5.303	ug/l	100
44) Isopropyl Acetate	8.689	43	47692	5.219	ug/l	99
45) 1,4-Dioxane	9.701	88	8468	109.479	ug/l #	94
46) Methyl methacrylate	9.683	41	21205	5.055	ug/l	82
47) n-amyl Acetate	12.495	43	38392	4.757	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	27120	5.043	ug/l	99
49) cis-1,3-Dichloropropene	10.319	75	32433	5.299	ug/l	94
50) 1,1,2-Trichloroethane	11.018	97	21858	5.688	ug/l	94
51) Ethyl methacrylate	10.877	69	27889	4.999	ug/l	88
52) 1,3-Dichloropropane	11.166	76	37057	5.609	ug/l	100
53) Dibromochloromethane	11.366	129	20991	5.318	ug/l	95
54) 1,2-Dibromoethane	11.477	107	19800	5.293	ug/l	98
55) 2-Chloroethyl vinyl ether	10.160	63	64392	26.034	ug/l	97
56) Bromoform	12.583	173	13876	5.104	ug/l #	85
58) 4-Methyl-2-Pentanone	10.448	43	151398	26.516	ug/l	98
59) 2-Hexanone	11.201	43	109298	25.736	ug/l	97
61) Tetrachloroethene	11.107	164	17679	5.832	ug/l	86
62) Toluene	10.636	91	95325	5.682	ug/l	97
64) Chlorobenzene	11.895	112	55473	5.550	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	20414	5.571	ug/l	95
66) Ethyl Benzene	11.965	91	94925	5.322	ug/l	96
67) m/p-Xylenes	12.077	106	72275	10.363	ug/l	97
68) o-Xylene	12.401	106	36137	5.258	ug/l	100
69) Styrene	12.413	104	55261	5.008	ug/l	96
70) Isopropylbenzene	12.695	105	87194	4.973	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	31363	5.467	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	35088	6.943	ug/l	75
73) Bromobenzene	12.983	156	19759	4.856	ug/l	87
74) n-propylbenzene	13.036	91	106920	5.120	ug/l	97
75) 2-Chlorotoluene	13.130	91	66376	5.341	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	73311	5.013	ug/l	100
77) t-1,4-Dichloro-2-butene	12.742	75	8228	5.068	ug/l	96
78) 4-Chlorotoluene	13.224	91	61693	5.179	ug/l	98
79) tert-butylbenzene	13.436	119	64783	5.003	ug/l	98
80) 1,2,4-Trimethylbenzene	13.489	105	71169	4.901	ug/l	99
81) sec-Butylbenzene	13.618	105	89473	4.812	ug/l	97
82) p-Isopropyltoluene	13.736	119	71609	4.750	ug/l	97
83) 1,3-Dichlorobenzene	13.736	146	39918	5.135	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	38268	5.047	ug/l	99
85) n-Butylbenzene	14.059	91	57896	4.531	ug/l	99
86) Hexachloroethane	14.342	117	15495	5.310	ug/l	99
87) 1,2-Dichlorobenzene	14.112	146	39598	5.066	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	5294	4.978	ug/l	96
89) 1,2,4-Trichlorobenzene	15.395	180	16755	4.202	ug/l	93
90) Hexachlorobutadiene	15.501	225	9495	4.942	ug/l	91
91) Naphthalene	15.648	128	50304	3.923	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	18695	4.619	ug/l	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 10

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

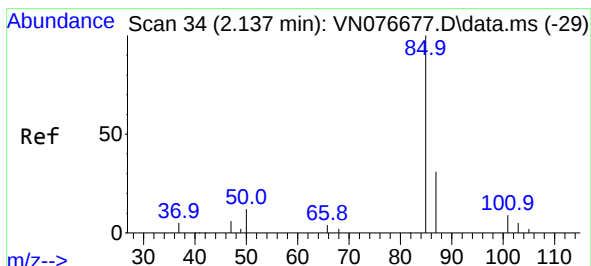
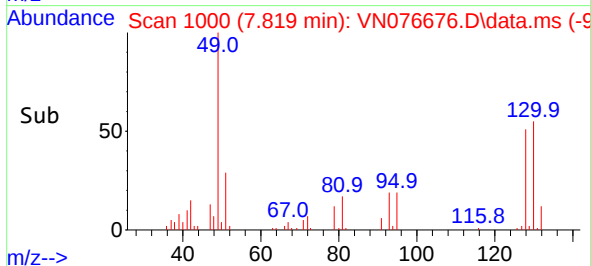
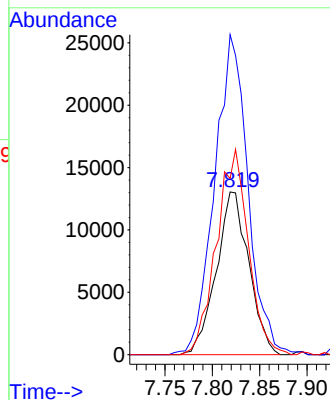
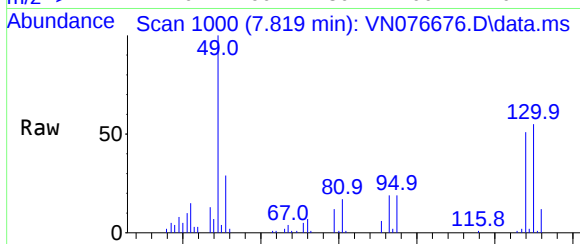
Tgt Ion:128 Resp: 31159

Ion Ratio Lower Upper

128 100

49 196.4 0.0 461.8

130 123.9 0.0 295.3



#2

Dichlorodifluoromethane

Concen: 5.172 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN076676.D

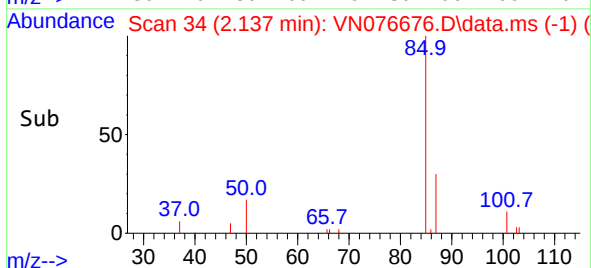
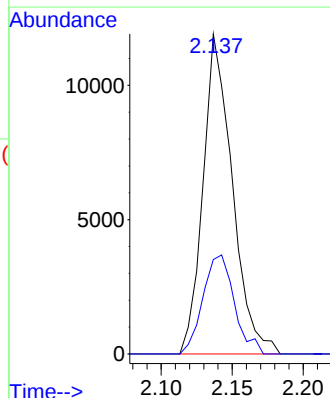
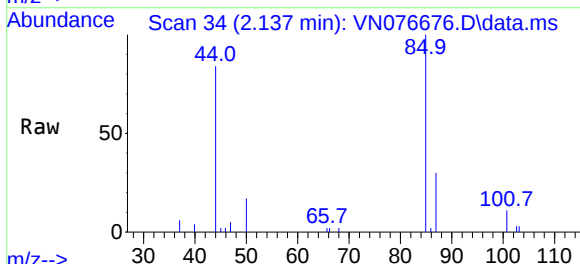
Acq: 15 Feb 2023 10:24

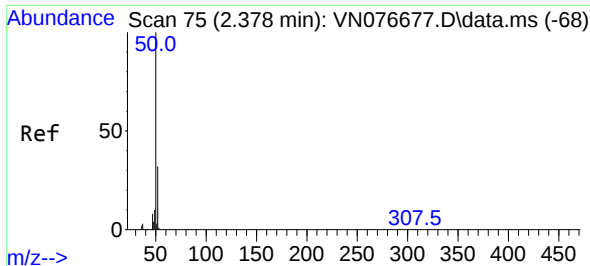
Tgt Ion: 85 Resp: 17055

Ion Ratio Lower Upper

85 100

87 29.5 15.4 46.1





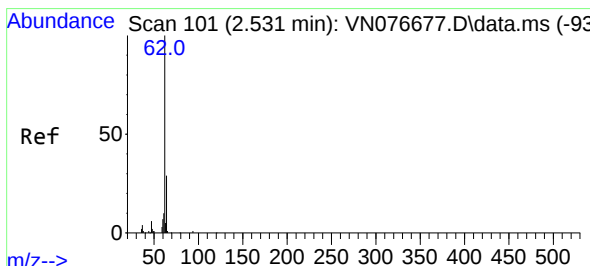
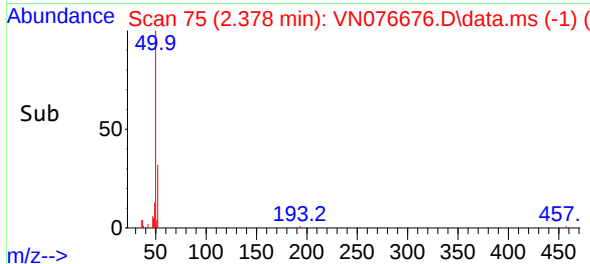
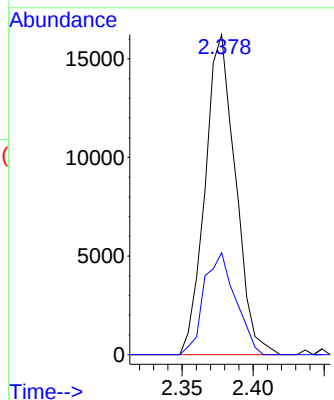
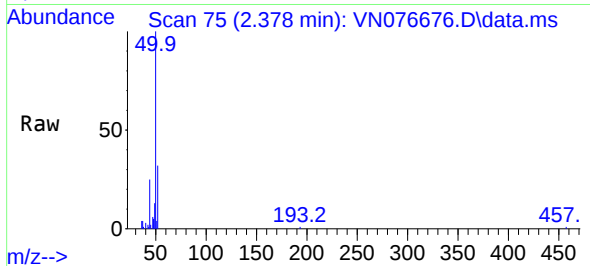
#3
Chloromethane
Concen: 5.975 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

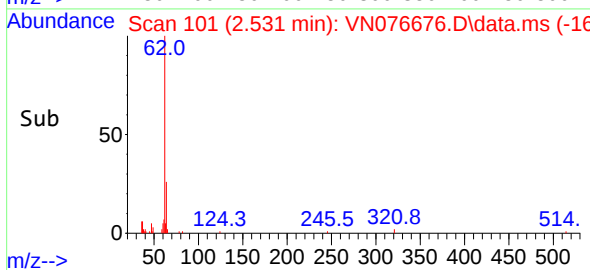
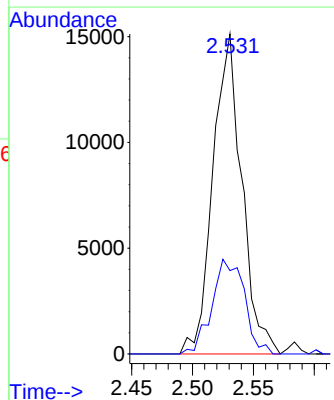
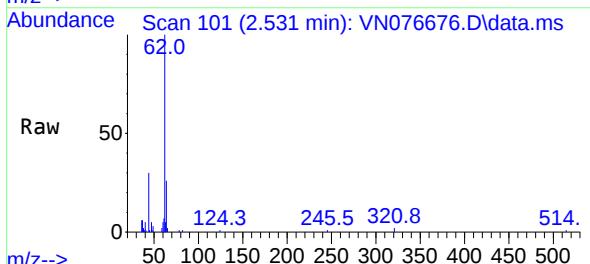
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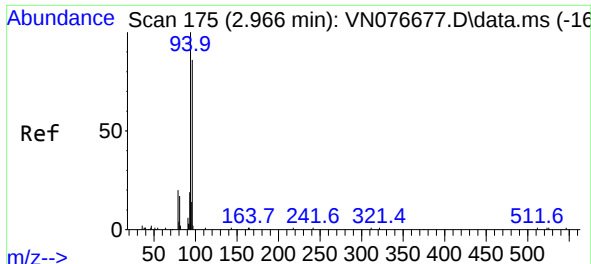
Tgt Ion: 50 Resp: 24193
Ion Ratio Lower Upper
50 100
52 31.8 25.3 37.9



#4
Vinyl Chloride
Concen: 5.782 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

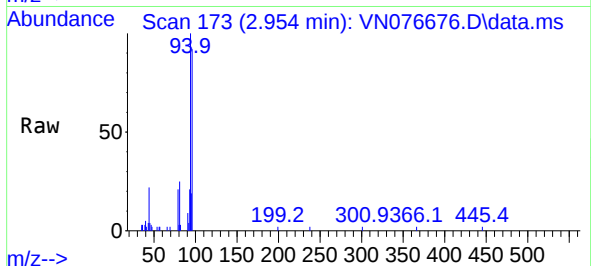
Tgt Ion: 62 Resp: 24989
Ion Ratio Lower Upper
62 100
64 26.0 23.1 34.7



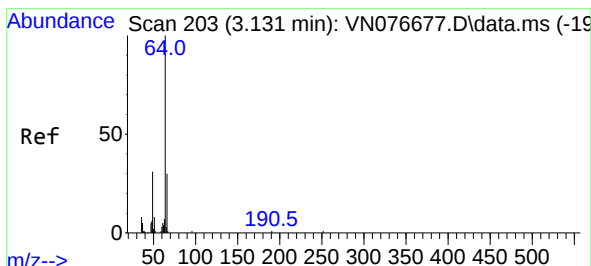
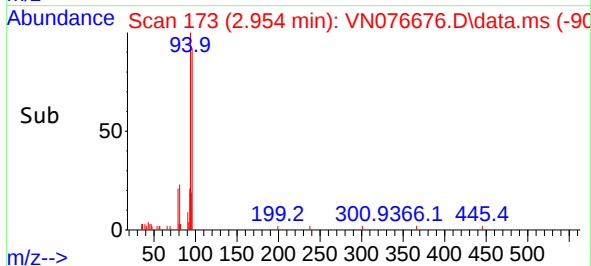
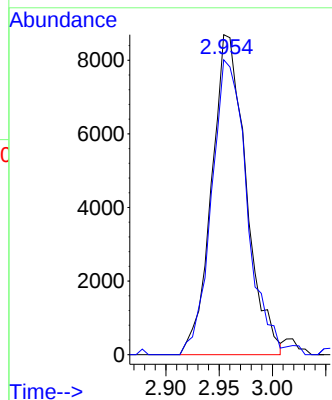


#5
Bromomethane
Concen: 6.541 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

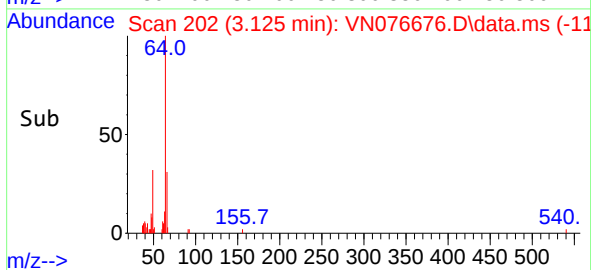
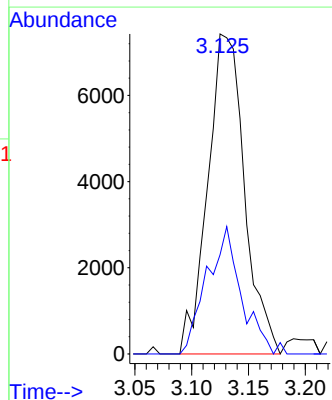
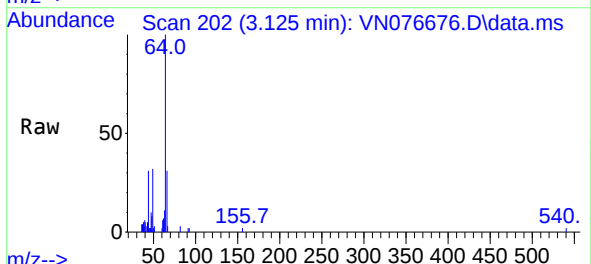


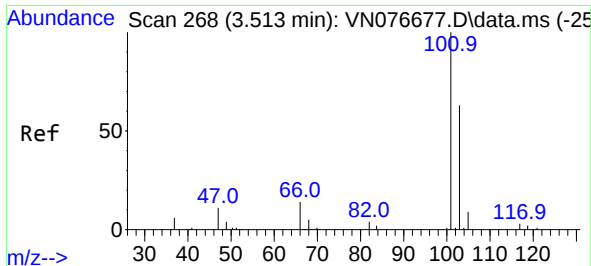
Tgt Ion: 94 Resp: 19516
Ion Ratio Lower Upper
94 100
96 92.2 68.6 103.0



#6
Chloroethane
Concen: 5.964 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 64 Resp: 16714
Ion Ratio Lower Upper
64 100
66 33.9 23.8 35.6

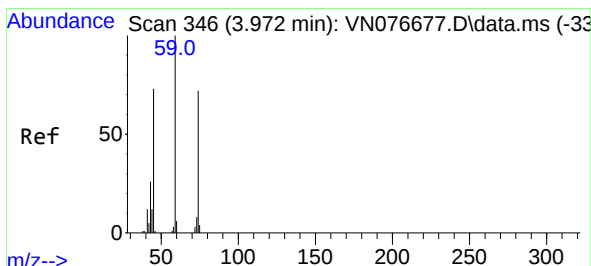
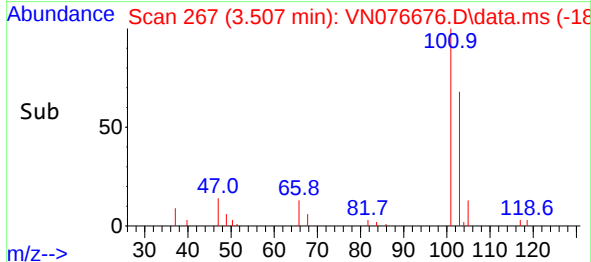
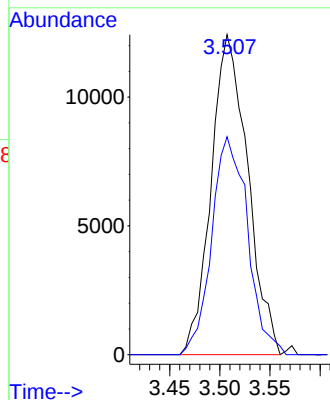
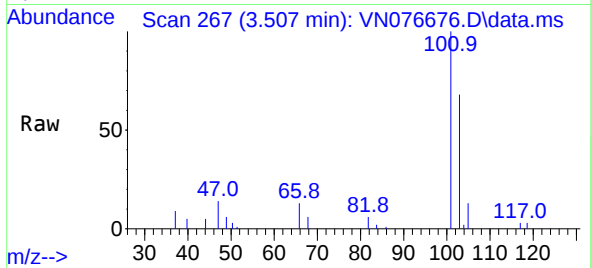




#7
Trichlorofluoromethane
Concen: 5.856 ug/l
RT: 3.507 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

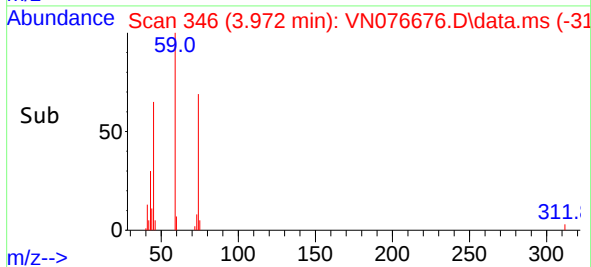
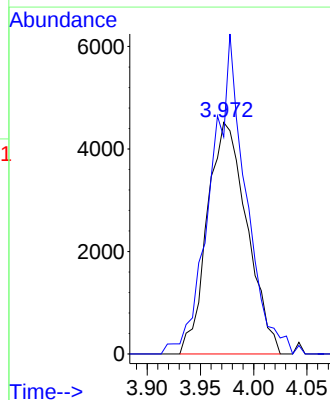
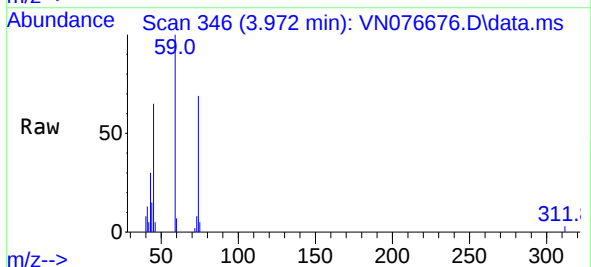
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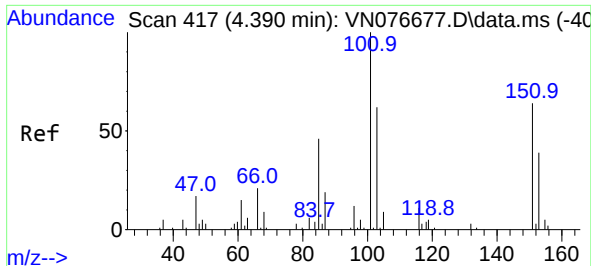
Tgt Ion:101 Resp: 31545
Ion Ratio Lower Upper
101 100
103 68.1 50.2 75.2



#8
Diethyl Ether
Concen: 5.490 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 74 Resp: 11735
Ion Ratio Lower Upper
74 100
45 118.9 21.4 193.0

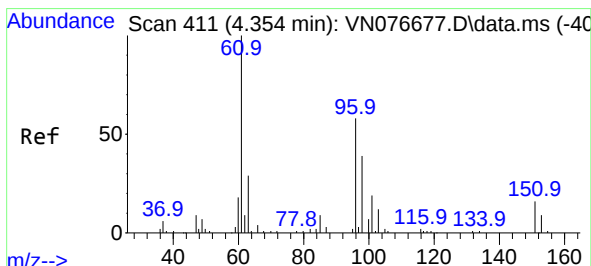
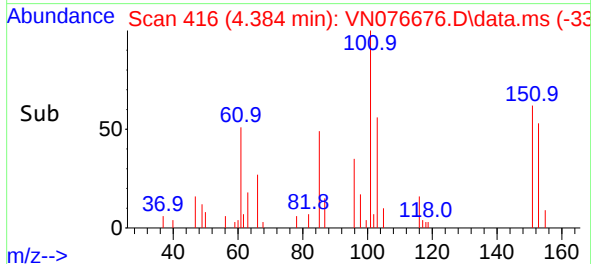
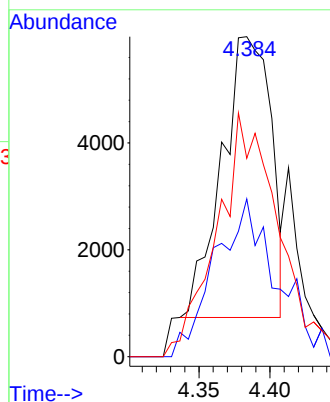
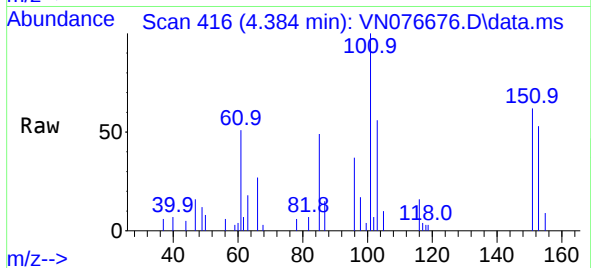




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.875 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076676.D
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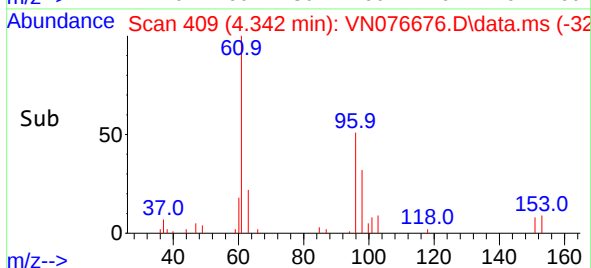
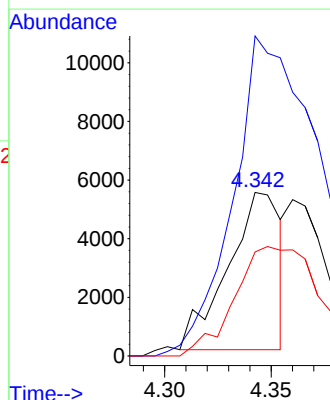
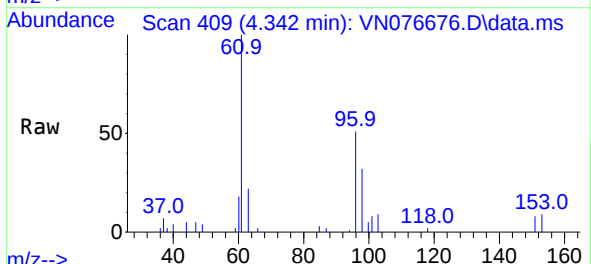
Instrument :
MSVOA_N
ClientSampleId :

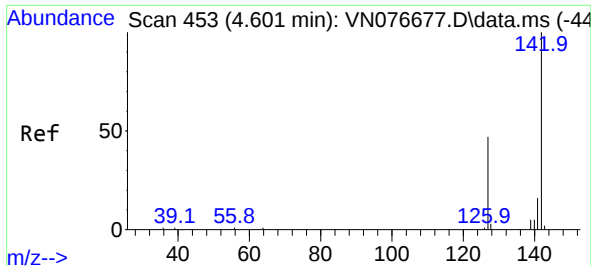
Tgt Ion:101 Resp: 12687
Ion Ratio Lower Upper
101 100
85 37.5 0.0 95.2
151 55.7 0.0 142.2



#10
1,1-Dichloroethene
Concen: 3.014 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

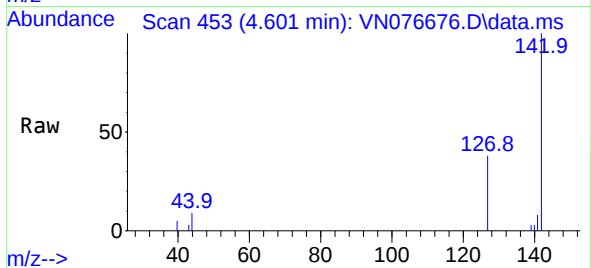
Tgt Ion: 96 Resp: 9268
Ion Ratio Lower Upper
96 100
61 196.5 137.1 205.7
98 66.1 53.2 79.8



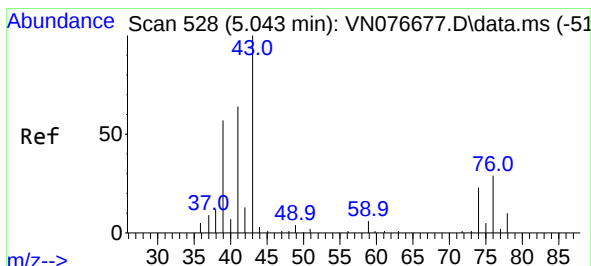
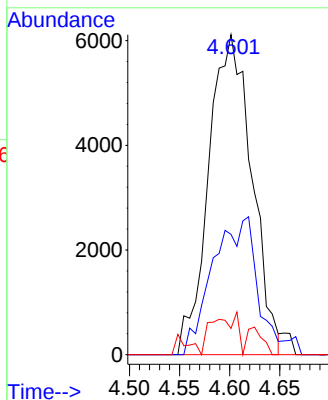
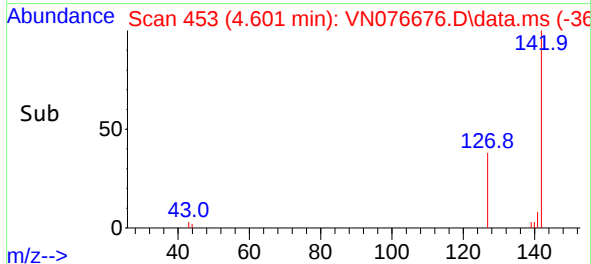


#11
Methyl Iodide
Concen: 4.760 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

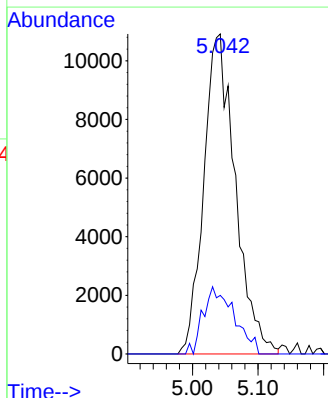
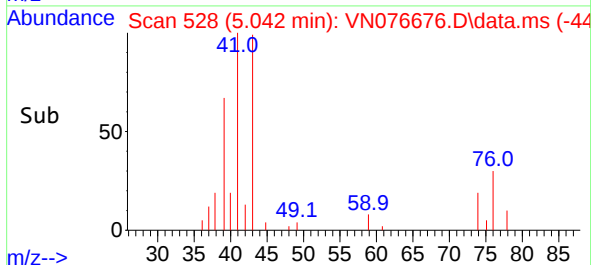
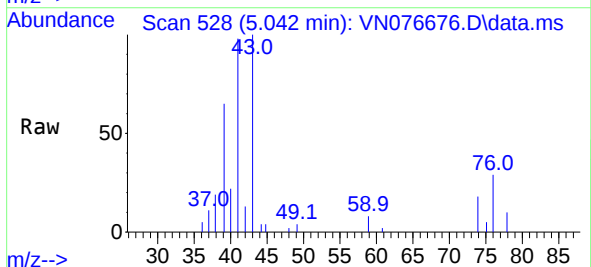


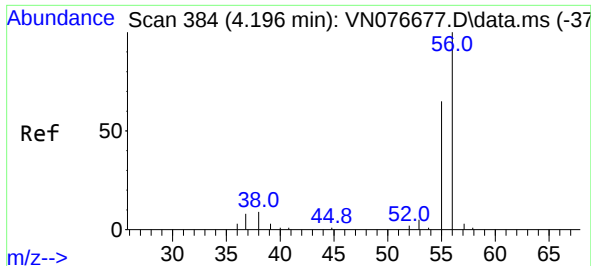
Tgt Ion:142 Resp: 18267
Ion Ratio Lower Upper
142 100
127 36.8 25.0 75.0
141 5.2 8.0 24.0#



#12
Methyl Acetate
Concen: 5.778 ug/l
RT: 5.042 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 43 Resp: 36426
Ion Ratio Lower Upper
43 100
74 18.5 19.0 28.4#

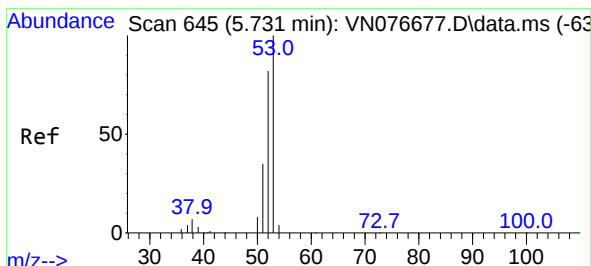
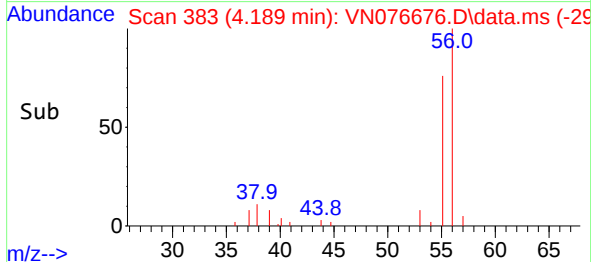
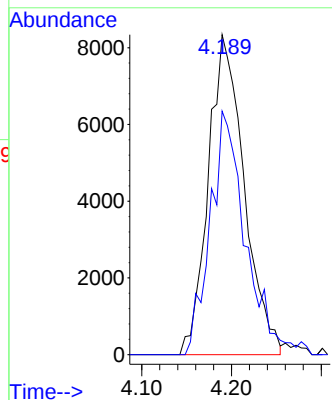
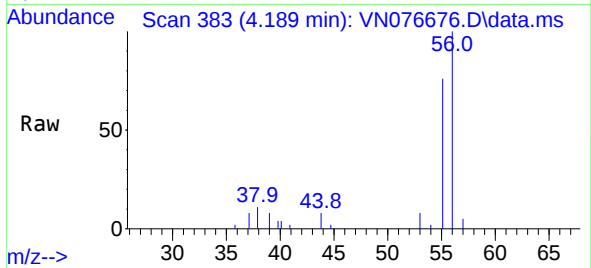




#13
Acrolein
Concen: 30.891 ug/l
RT: 4.189 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

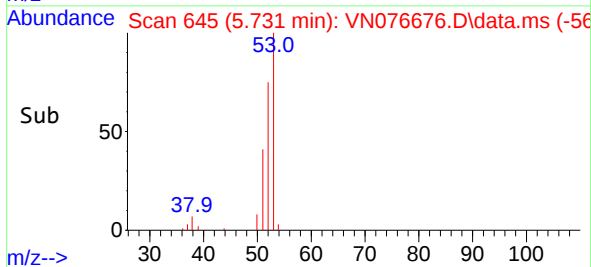
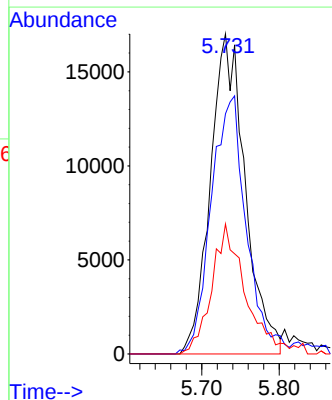
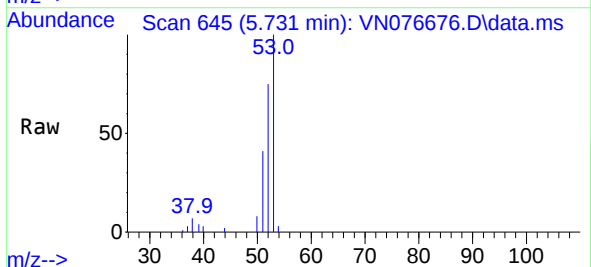
Instrument :
MSVOA_N
ClientSampleId :

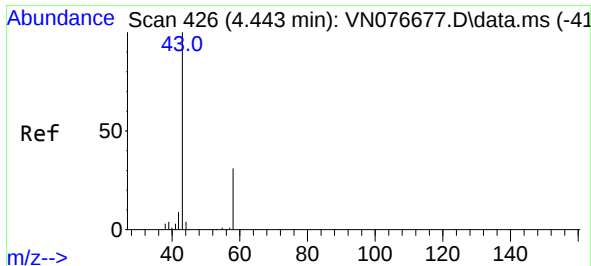
Tgt Ion: 56 Resp: 23129
Ion Ratio Lower Upper
56 100
55 68.4 55.0 82.4



#14
Acrylonitrile
Concen: 27.416 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 53 Resp: 53042
Ion Ratio Lower Upper
53 100
52 79.9 41.5 124.6
51 25.6 17.6 52.8





#15

Acetone

Concen: 22.575 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.006 min

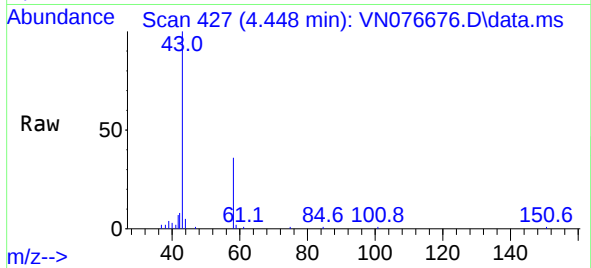
Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

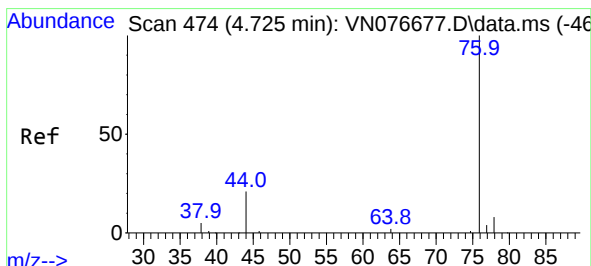
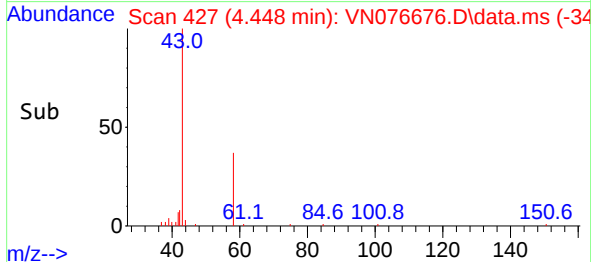
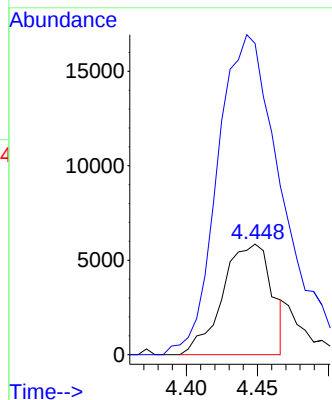


Tgt Ion: 58 Resp: 14141

Ion Ratio Lower Upper

58 100

43 272.6 255.4 383.0



#16

Carbon Disulfide

Concen: 5.822 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN076676.D

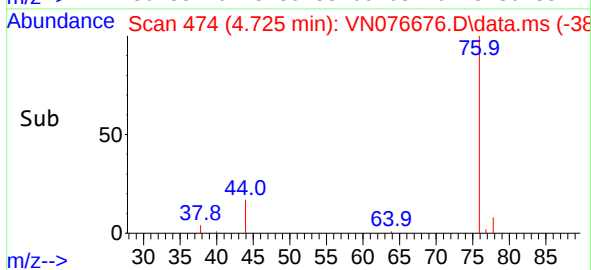
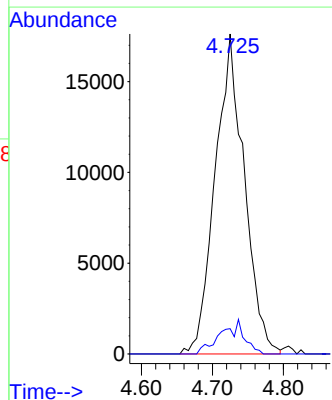
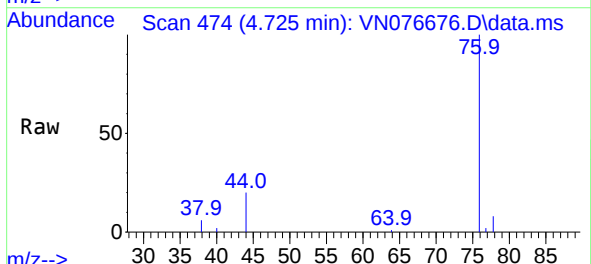
Acq: 15 Feb 2023 10:24

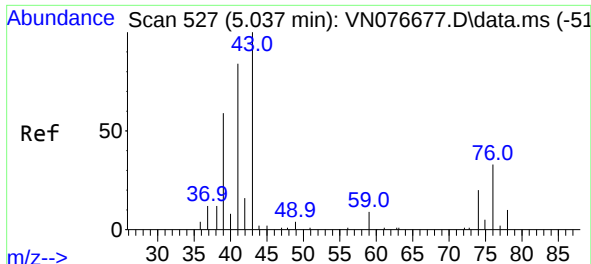
Tgt Ion: 76 Resp: 50213

Ion Ratio Lower Upper

76 100

78 7.9 6.6 9.8





#17

Allyl chloride

Concen: 5.984 ug/l

RT: 5.042 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

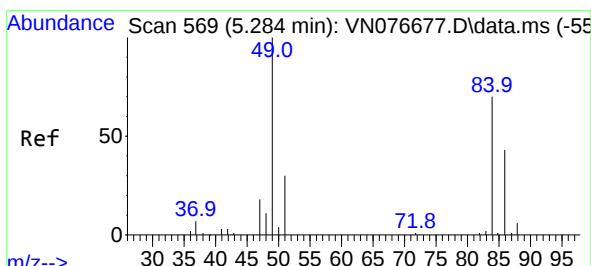
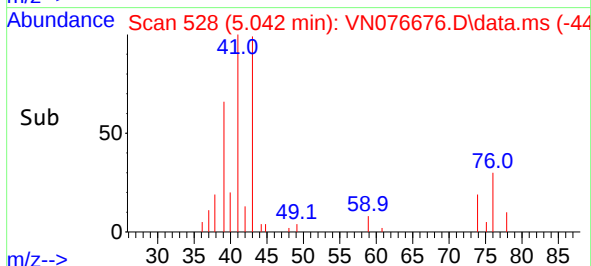
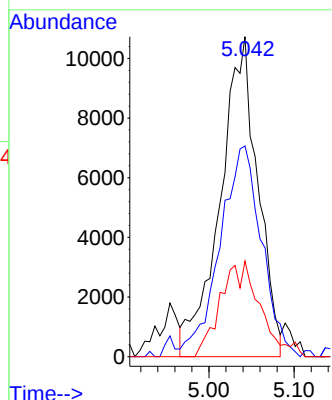
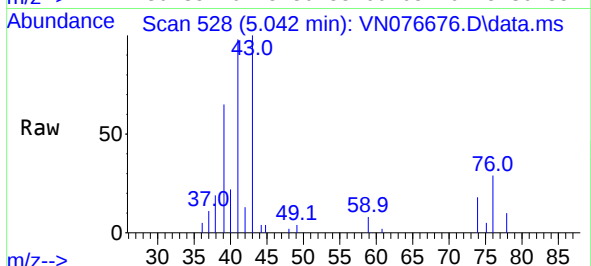
Tgt Ion: 41 Resp: 32935

Ion Ratio Lower Upper

41 100

39 68.1 34.8 104.3

76 32.0 17.5 52.5



#18

Methylene Chloride

Concen: 2.946 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Tgt Ion: 84 Resp: 11433

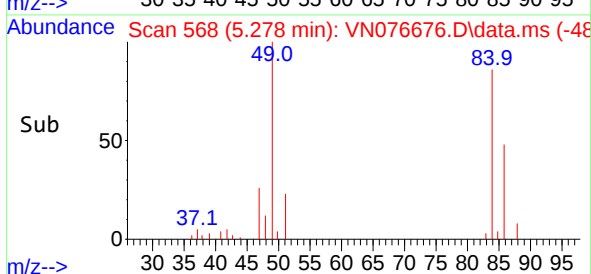
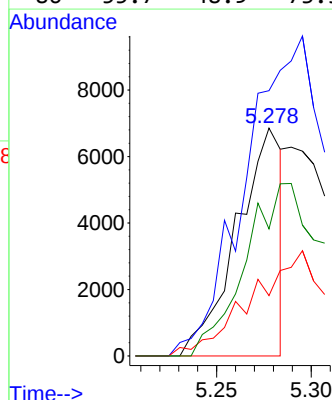
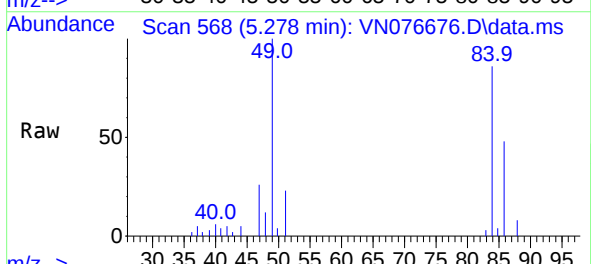
Ion Ratio Lower Upper

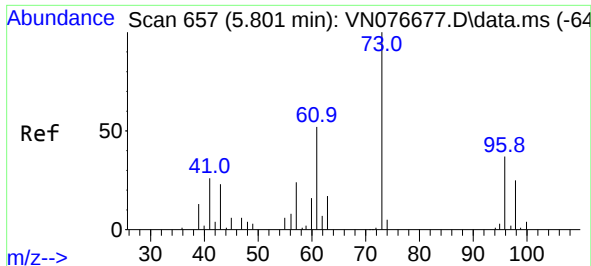
84 100

49 110.5 113.8 170.6#

51 22.8 34.2 51.4#

86 55.7 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 3.275 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.000 min

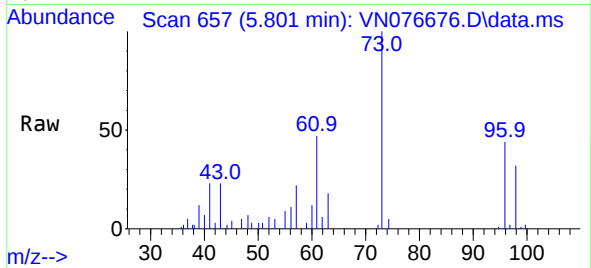
Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :



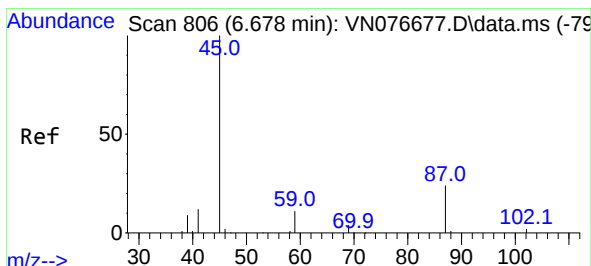
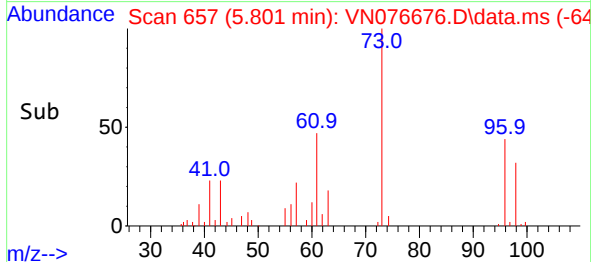
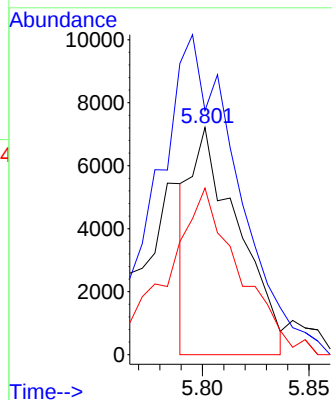
Tgt Ion: 96 Resp: 11295

Ion Ratio Lower Upper

96 100

61 96.5 111.0 166.4#

98 69.8 55.0 82.6



#20

Diisopropyl ether

Concen: 5.576 ug/l

RT: 6.683 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Tgt Ion: 45 Resp: 72578

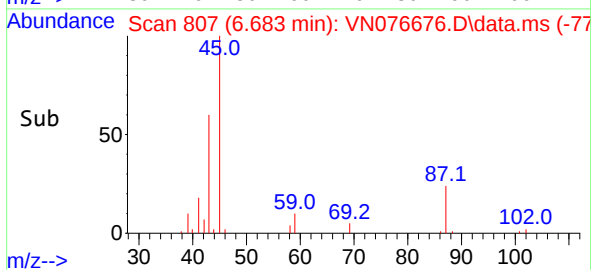
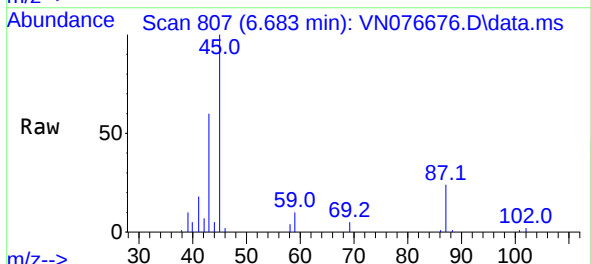
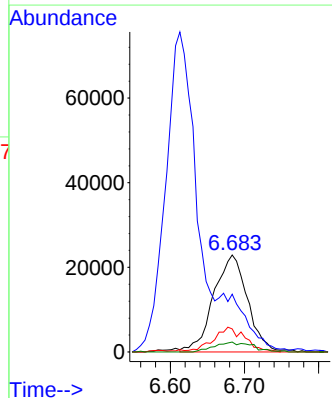
Ion Ratio Lower Upper

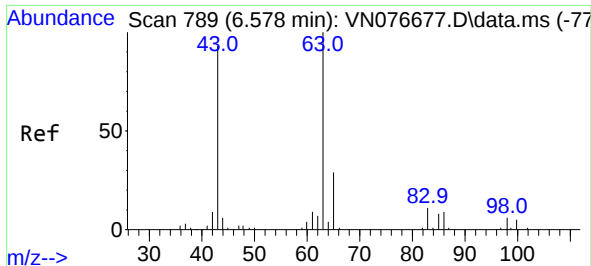
45 100

43 57.7 38.6 58.0

87 24.3 20.1 30.1

59 10.5 8.3 12.5

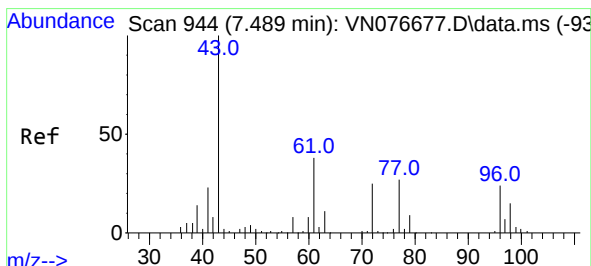
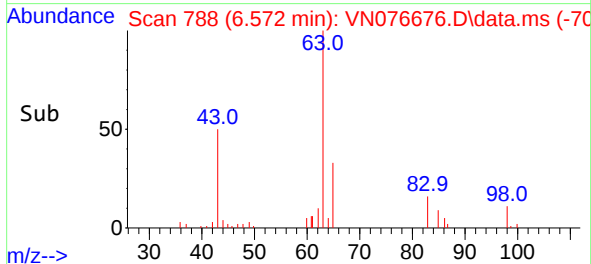
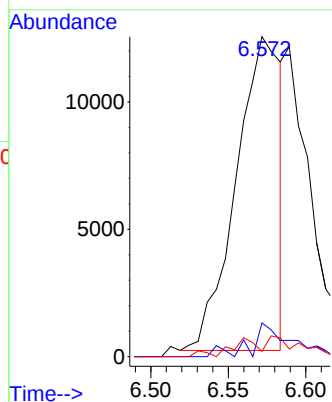
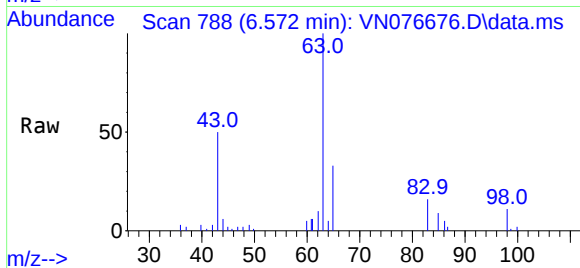




#21
1,1-Dichloroethane
Concen: 3.620 ug/l
RT: 6.572 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

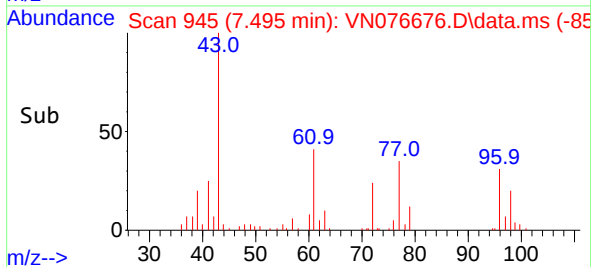
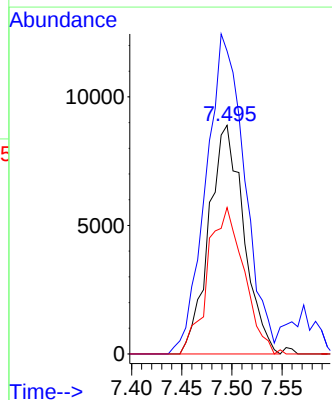
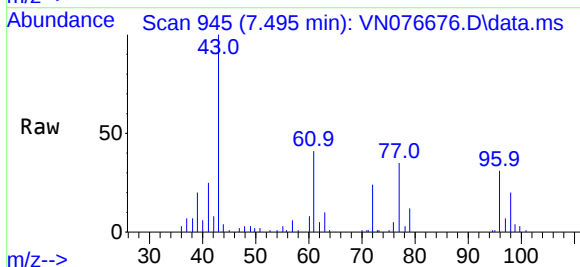
Instrument :
MSVOA_N
ClientSampleId :

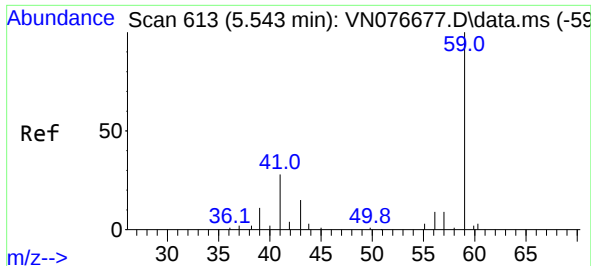
Tgt Ion: 63 Resp: 24645
Ion Ratio Lower Upper
63 100
98 12.1 3.6 10.9#
100 1.7 2.6 7.8#



#22
cis-1,2-Dichloroethene
Concen: 5.438 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 96 Resp: 21517
Ion Ratio Lower Upper
96 100
61 155.1 121.0 181.4
98 44.3 50.1 75.1#

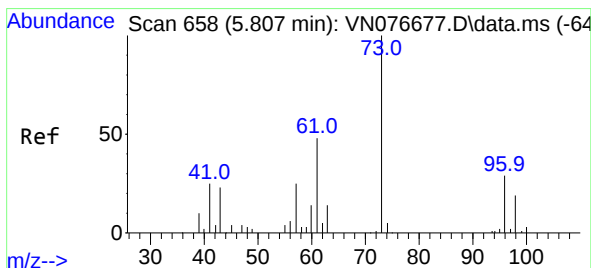
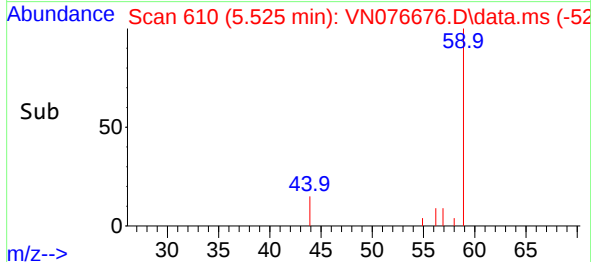
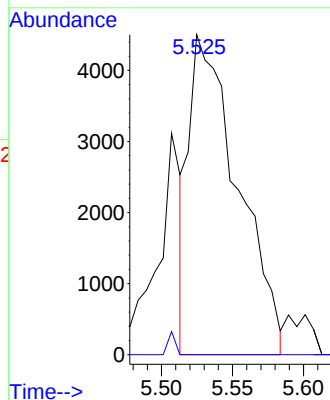
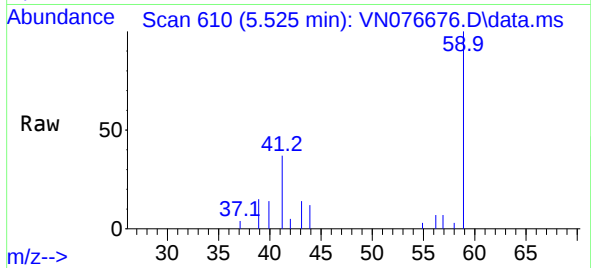




#23
tert-Butyl Alcohol
Concen: 19.255 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.018 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

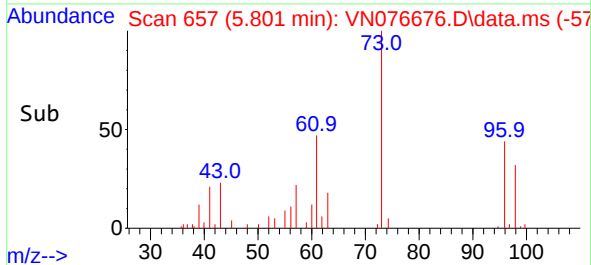
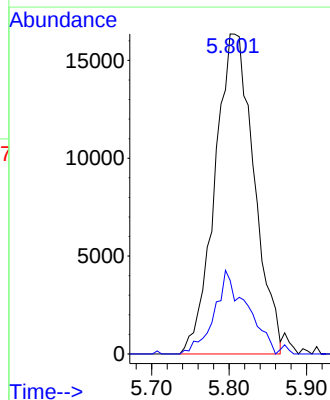
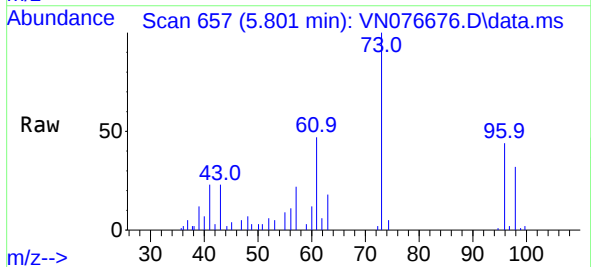
Instrument :
MSVOA_N
ClientSampleId :

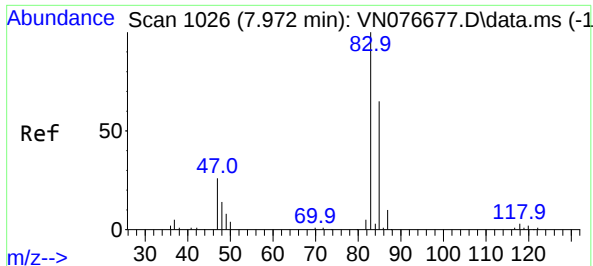
Tgt Ion: 59 Resp: 10766
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 5.397 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 73 Resp: 57417
Ion Ratio Lower Upper
73 100
43 13.0 17.8 26.6#

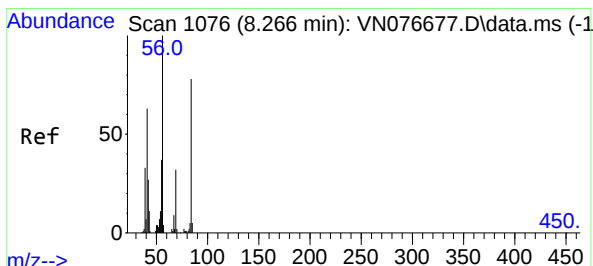
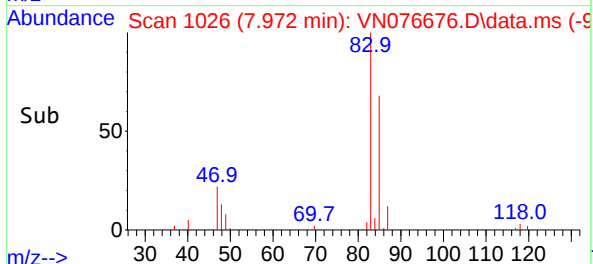
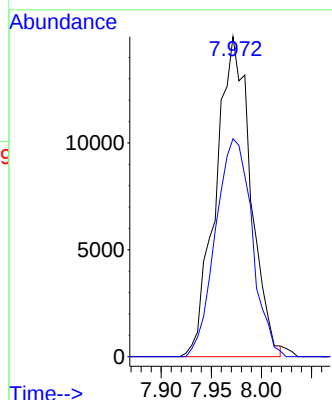
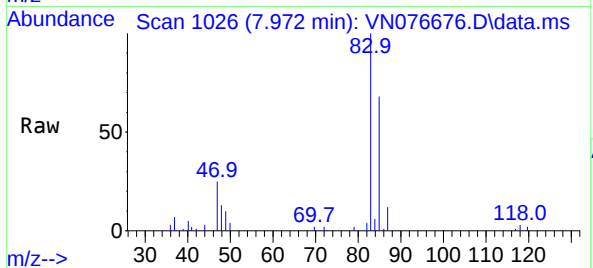




#25
Chloroform
Concen: 5.434 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

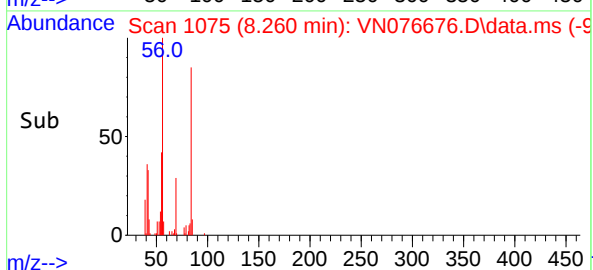
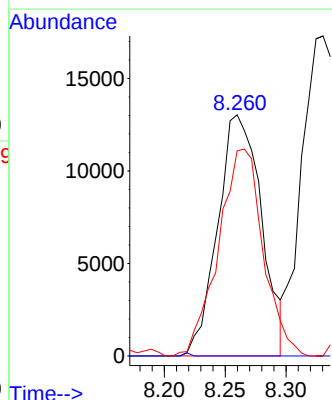
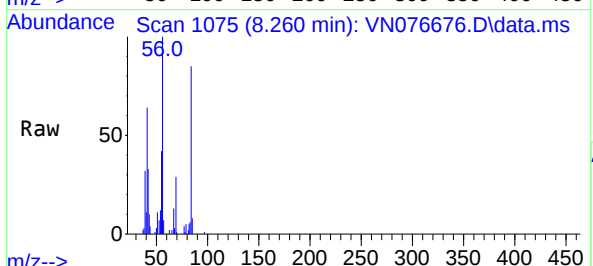
Instrument :
MSVOA_N
ClientSampleId :

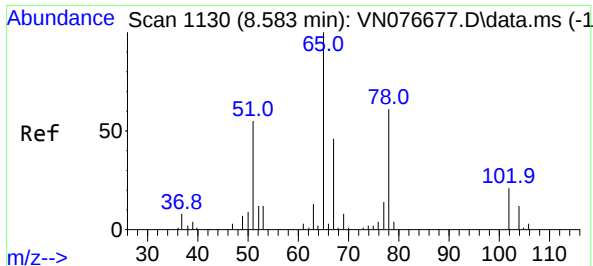
Tgt Ion: 83 Resp: 36279
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.6



#26
Cyclohexane
Concen: 5.354 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 56 Resp: 32581
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 65.3 97.9

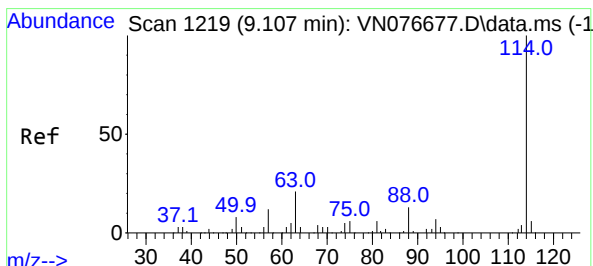
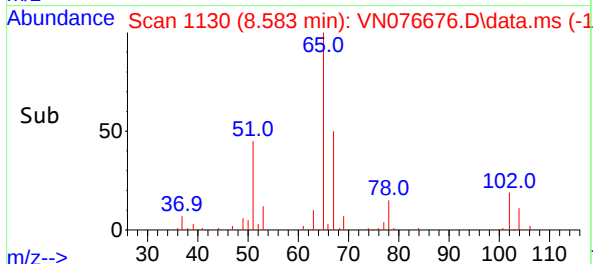
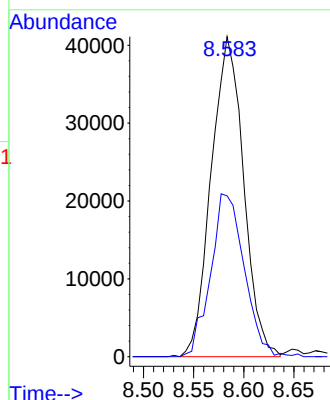
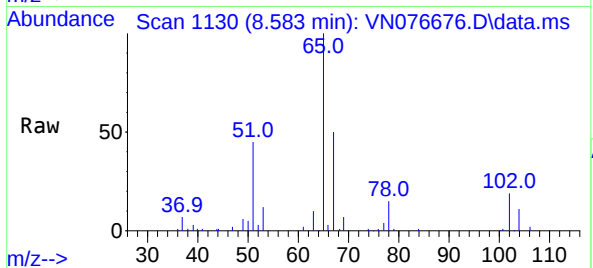




#27
1,2-Dichloroethane-d4
Concen: 32.345 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

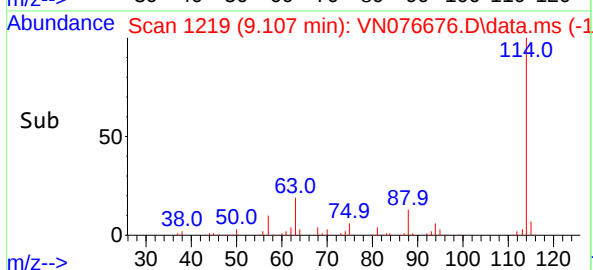
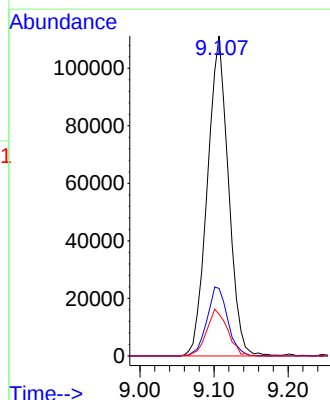
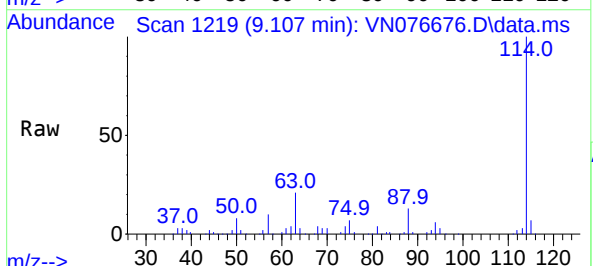
Instrument :
MSVOA_N
ClientSampleId :

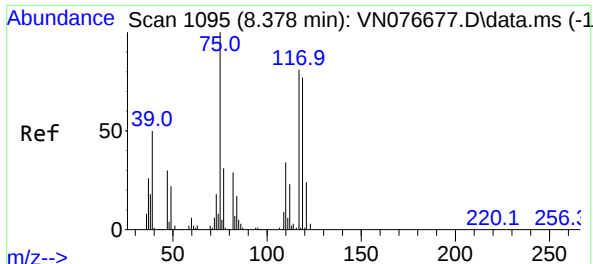
Tgt Ion: 65 Resp: 92177
Ion Ratio Lower Upper
65 100
67 52.5 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 114 Resp: 219010
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 14.5 11.6 17.4



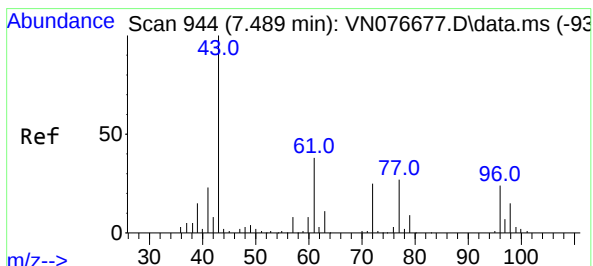
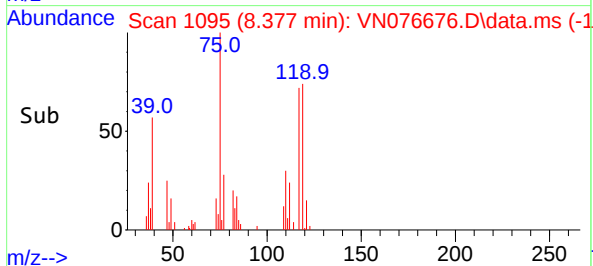
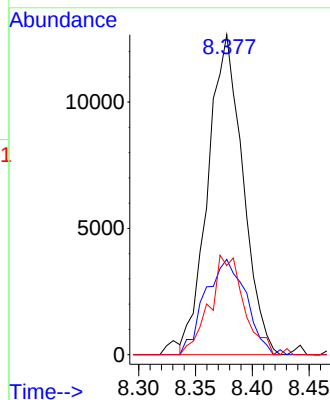
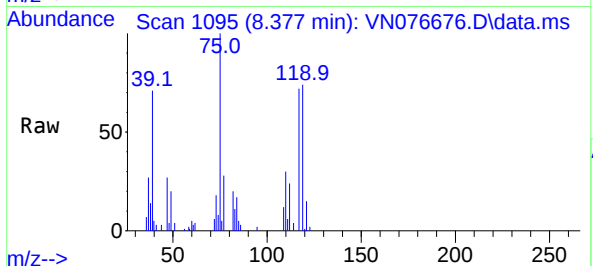


#29
1,1-Dichloropropene
Concen: 5.424 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 27095

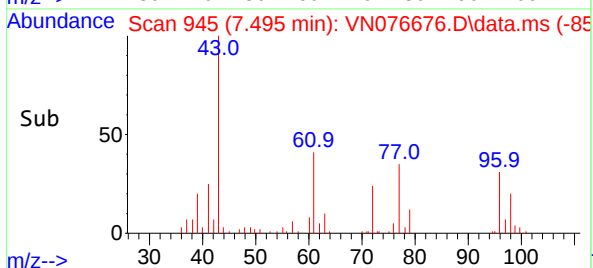
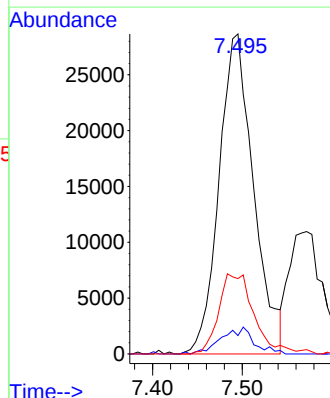
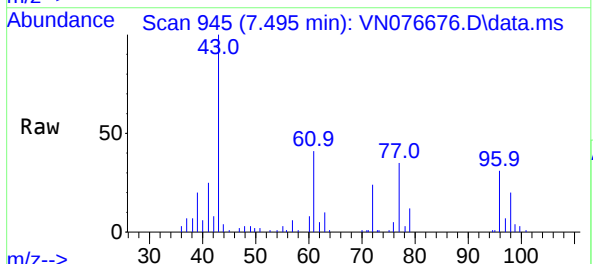
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	67.2
77	30.4	0.0	64.4

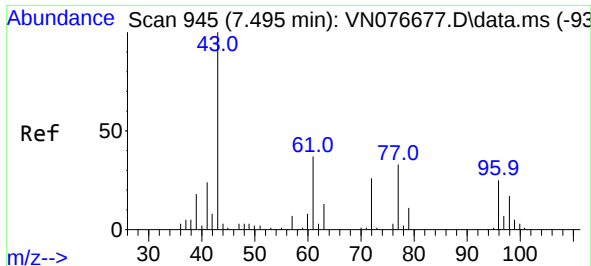


#30
2-Butanone
Concen: 26.277 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 43 Resp: 76573

Ion	Ratio	Lower	Upper
43	100		
57	2.8	6.1	9.1#
72	0.0	20.2	30.4#





#31

2,2-Dichloropropane

Concen: 3.411 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.000 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

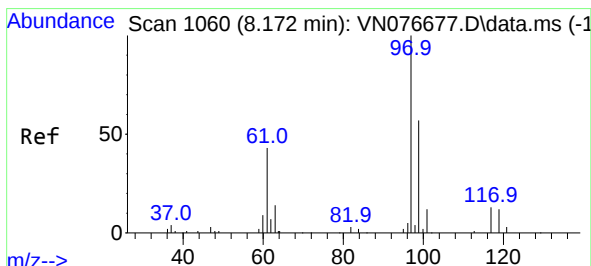
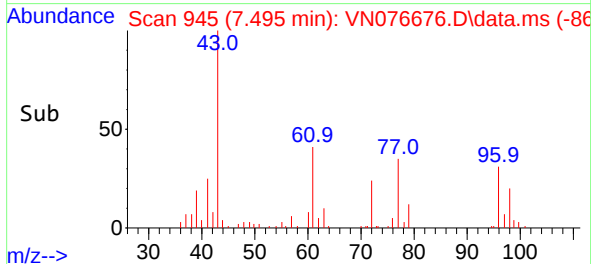
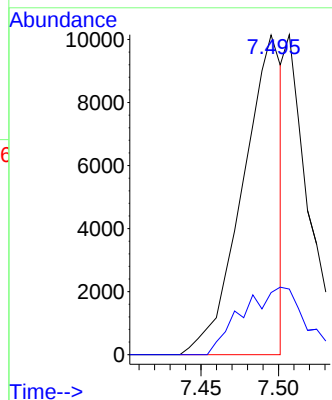
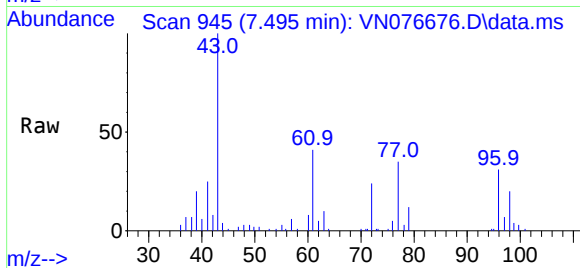
ClientSampleId :

Tgt Ion: 77 Resp: 17810

Ion Ratio Lower Upper

77 100

97 19.9 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 5.623 ug/l

RT: 8.177 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

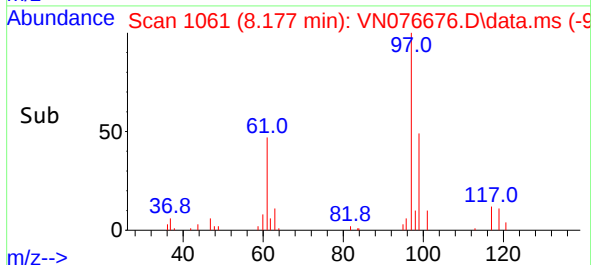
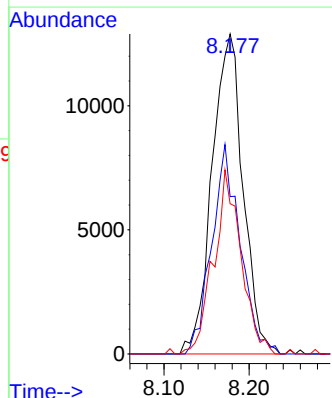
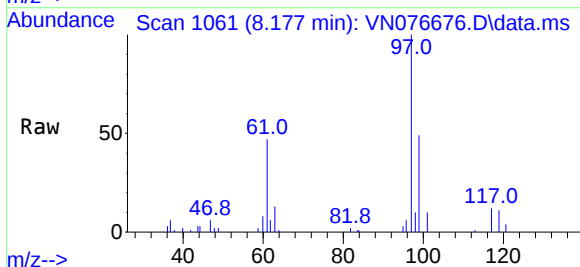
Tgt Ion: 97 Resp: 32610

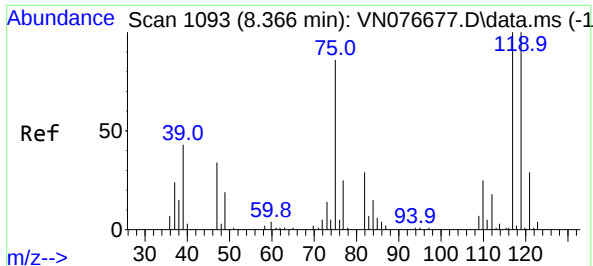
Ion Ratio Lower Upper

97 100

99 60.1 51.8 77.8

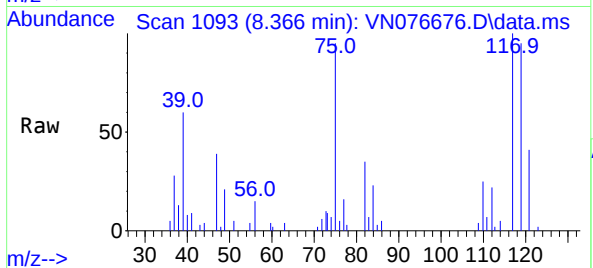
61 50.8 39.3 58.9



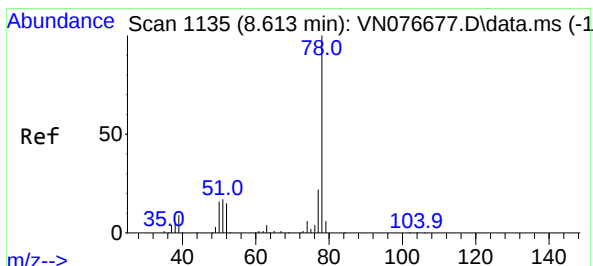
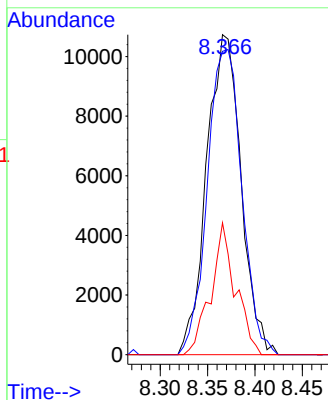
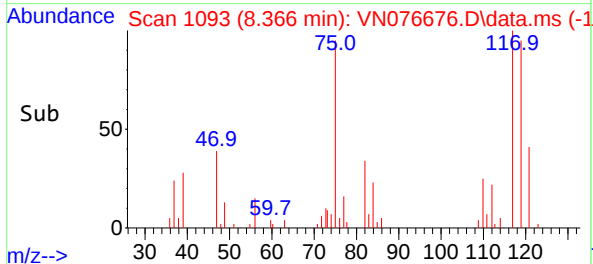


#33
Carbon Tetrachloride
Concen: 5.396 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

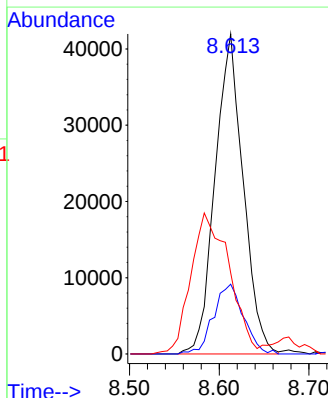
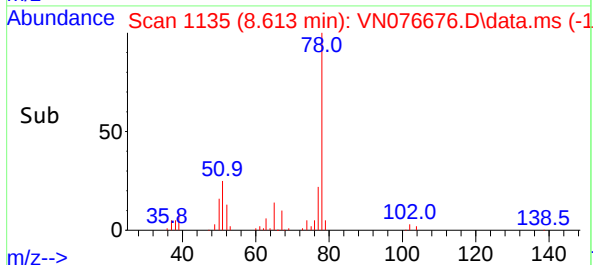
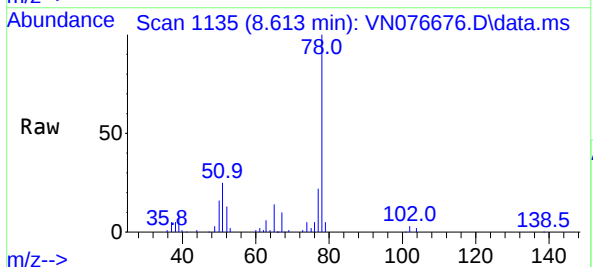


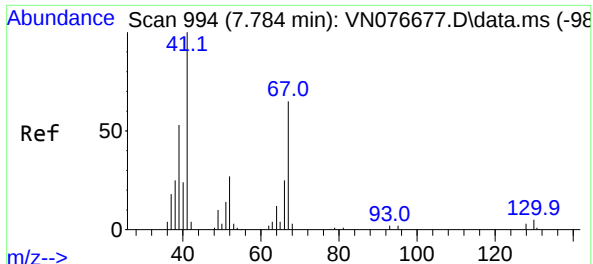
Tgt Ion:117 Resp: 27118
Ion Ratio Lower Upper
117 100
119 94.8 79.8 119.8
121 41.2 23.4 35.0#



#34
Benzene
Concen: 5.724 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 78 Resp: 91290
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.2
51 21.6 13.8 20.6#



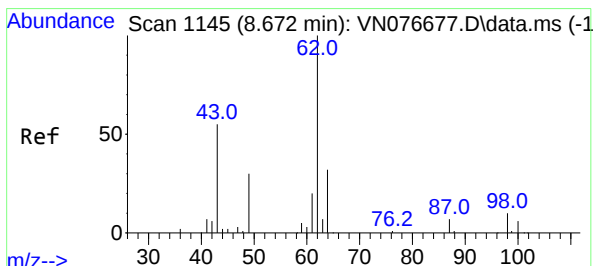
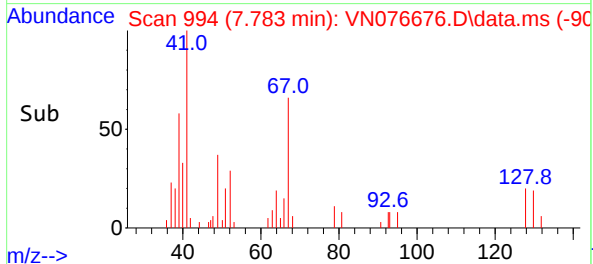
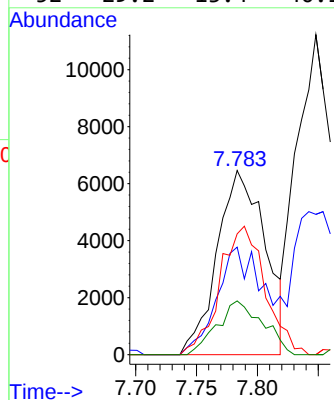
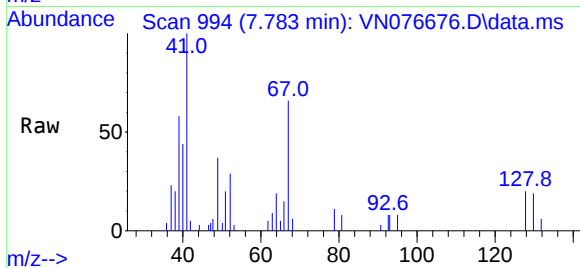


#35
Methacrylonitrile
Concen: 5.571 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 17709

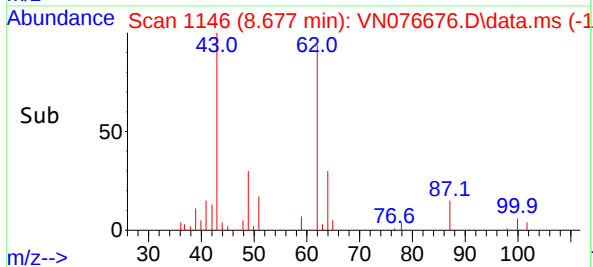
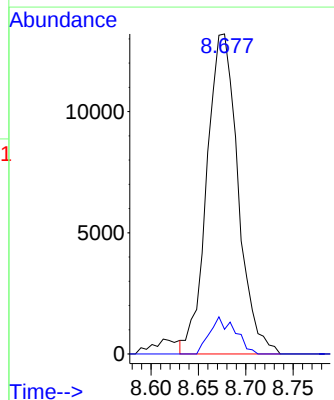
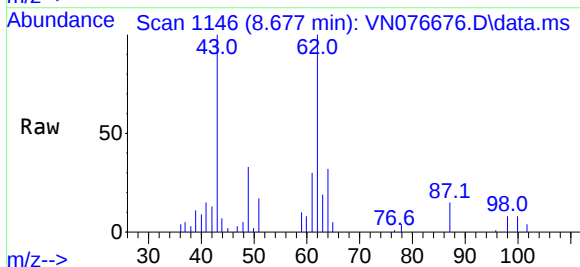
Ion	Ratio	Lower	Upper
41	100		
39	58.4	26.6	79.7
67	65.6	32.3	96.9
52	29.2	13.4	40.1

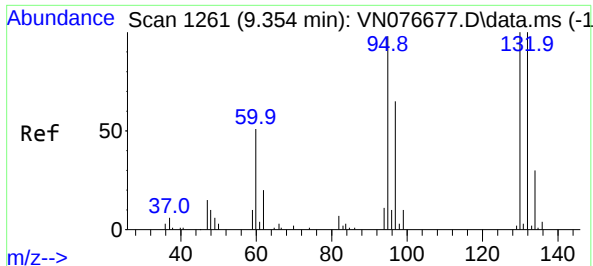


#36
1,2-Dichloroethane
Concen: 5.666 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 62 Resp: 30248

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.0

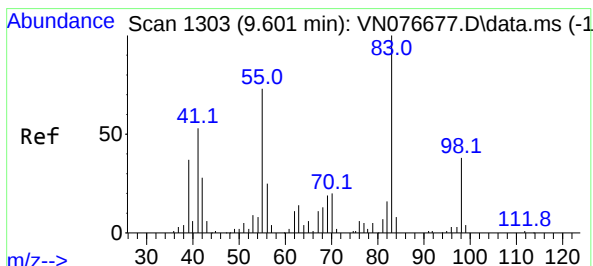
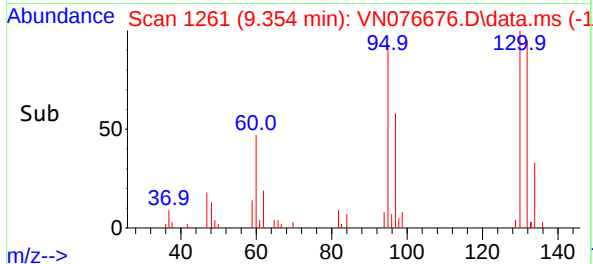
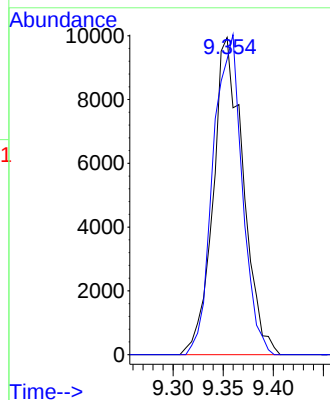
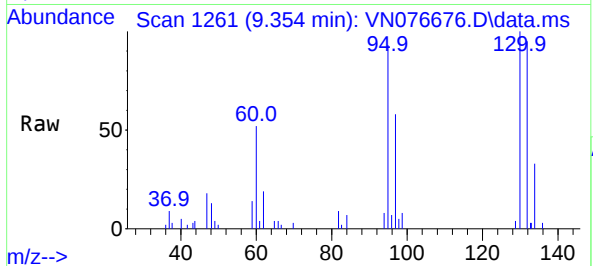




#37
Trichloroethene
Concen: 5.584 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

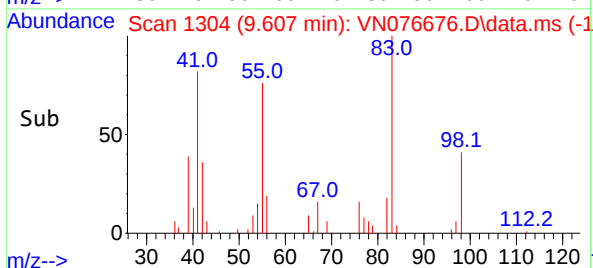
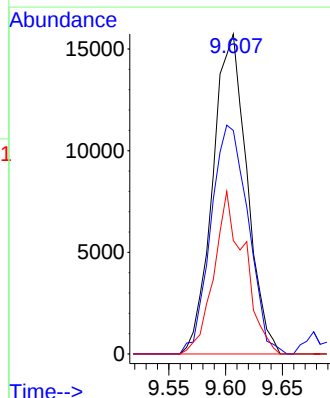
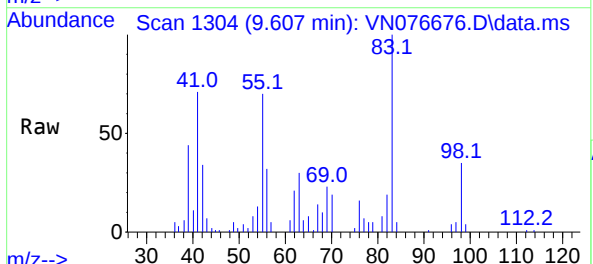
Instrument :
MSVOA_N
ClientSampleId :

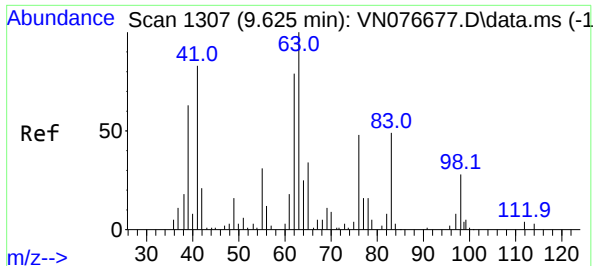
Tgt Ion:130 Resp: 20713
Ion Ratio Lower Upper
130 100
95 93.1 78.7 118.1



#38
Methylcyclohexane
Concen: 5.245 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 83 Resp: 32973
Ion Ratio Lower Upper
83 100
55 78.0 37.6 112.9
98 34.9 24.1 72.4

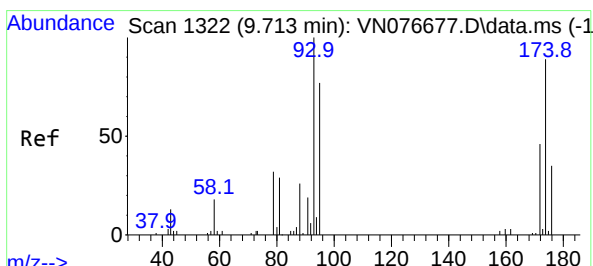
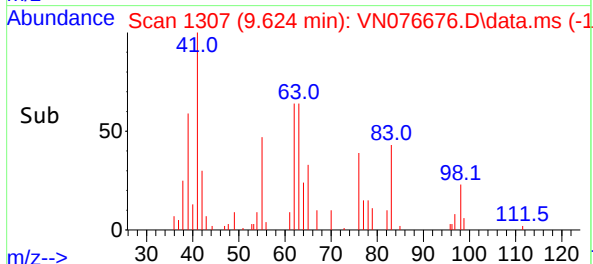
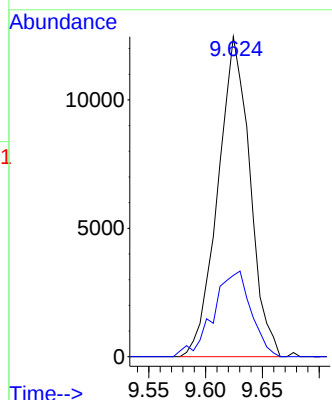
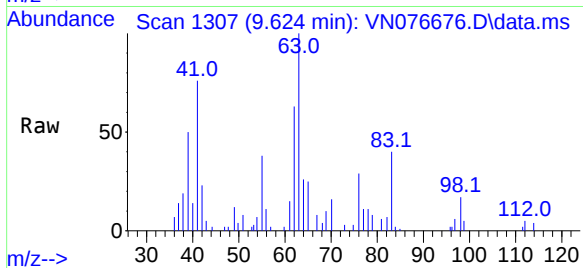




#39
1,2-Dichloropropane
Concen: 5.898 ug/l
RT: 9.624 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

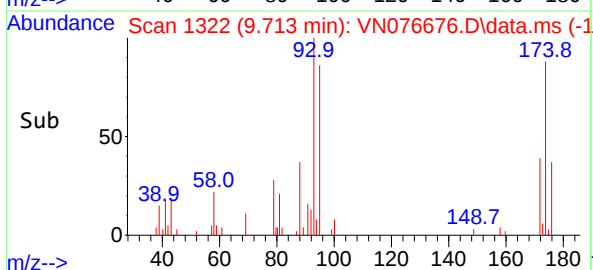
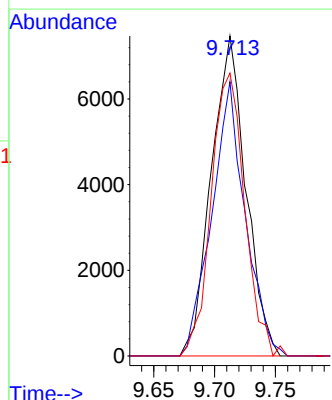
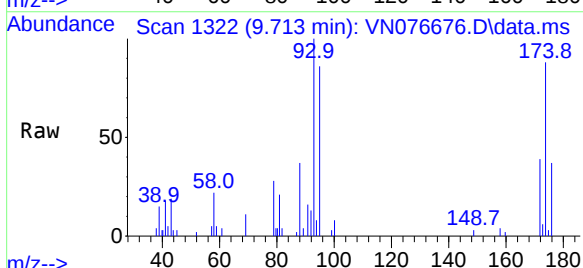
Instrument :
MSVOA_N
ClientSampleId :

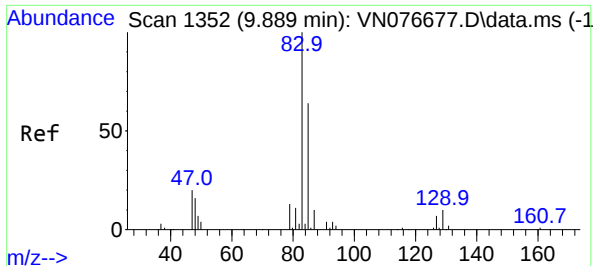
Tgt Ion: 63 Resp: 24448
Ion Ratio Lower Upper
63 100
65 25.4 27.2 40.8#



#40
Dibromomethane
Concen: 5.587 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

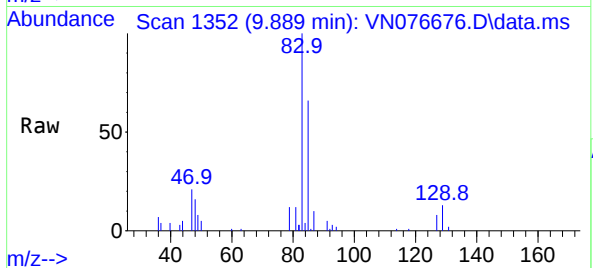
Tgt Ion: 93 Resp: 14769
Ion Ratio Lower Upper
93 100
95 82.8 0.0 158.0
174 85.1 0.0 171.2



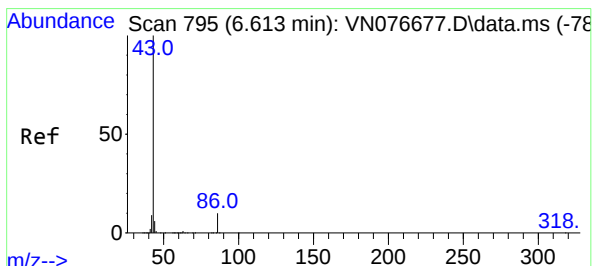
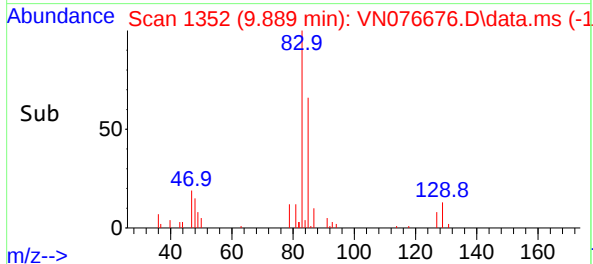
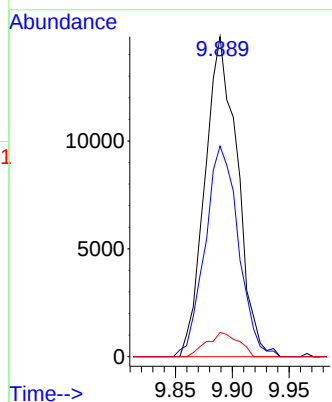


#41
Bromodichloromethane
Concen: 5.555 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

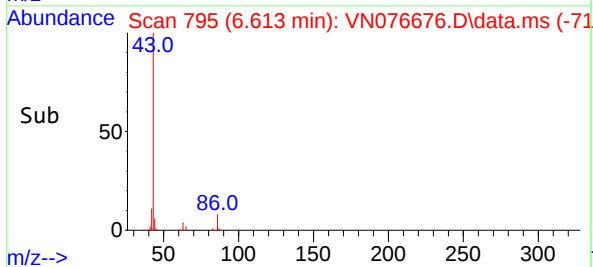
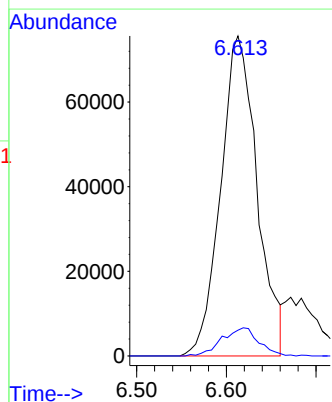
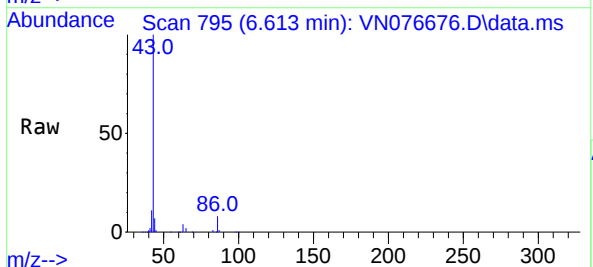


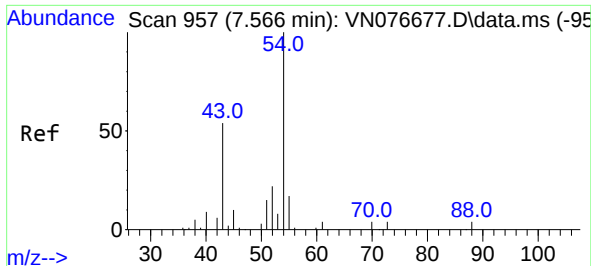
Tgt Ion: 83 Resp: 29454
Ion Ratio Lower Upper
83 100
85 65.8 51.0 76.4
127 7.6 6.2 9.2



#42
Vinyl Acetate
Concen: 25.267 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 43 Resp: 213381
Ion Ratio Lower Upper
43 100
86 8.9 7.8 11.6

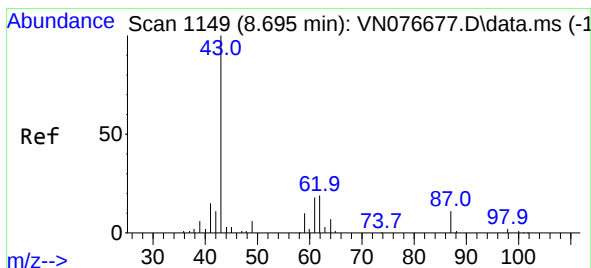
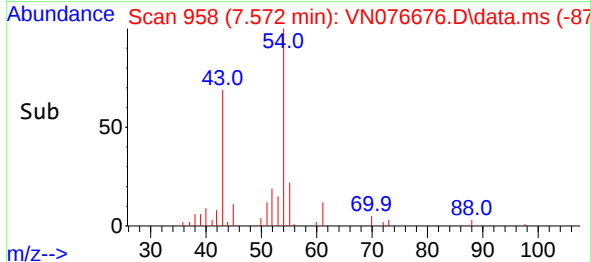
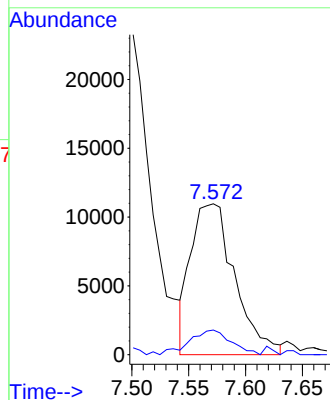
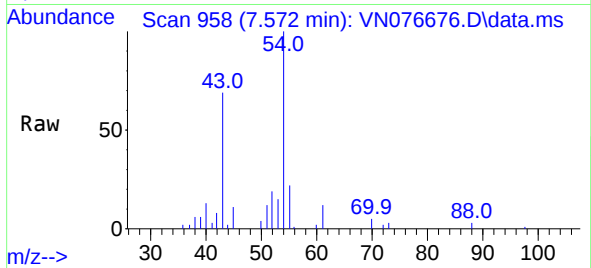




#43
Ethyl Acetate
Concen: 5.303 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

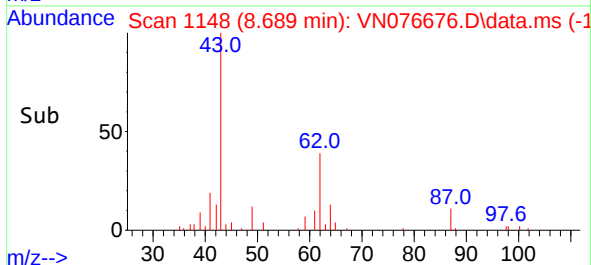
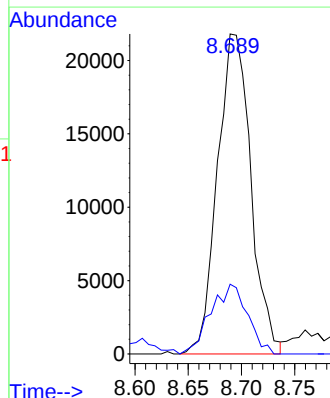
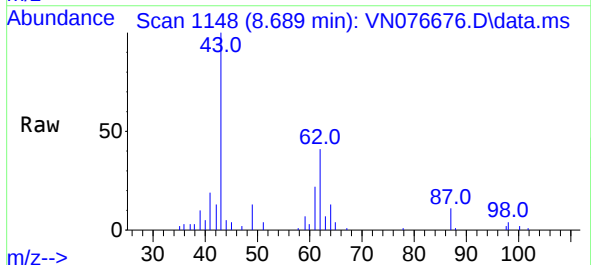
Instrument :
MSVOA_N
ClientSampleId :

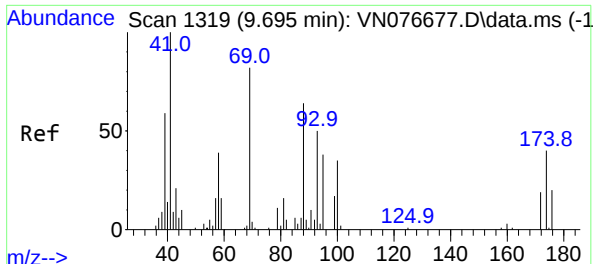
Tgt Ion: 43 Resp: 29441
Ion Ratio Lower Upper
43 100
45 14.0 11.2 16.8



#44
Isopropyl Acetate
Concen: 5.219 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

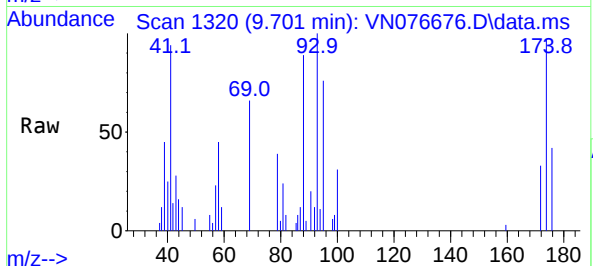
Tgt Ion: 43 Resp: 47692
Ion Ratio Lower Upper
43 100
61 23.9 19.5 29.3



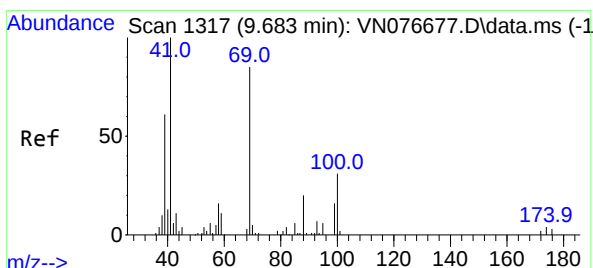
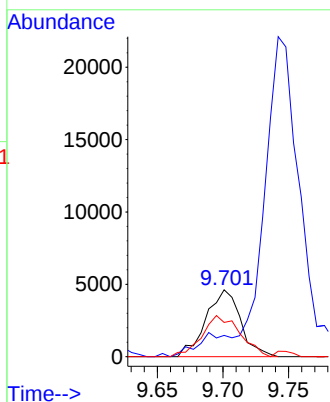
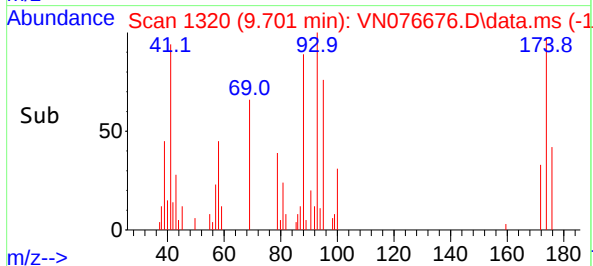


#45
1,4-Dioxane
Concen: 109.479 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

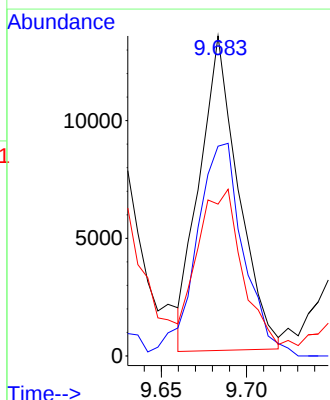
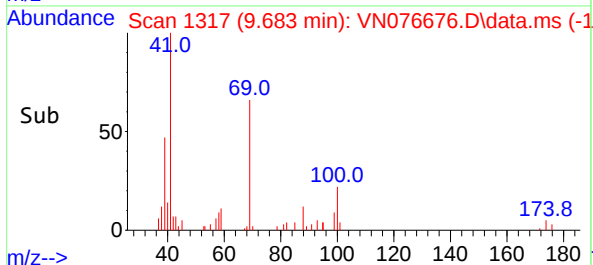
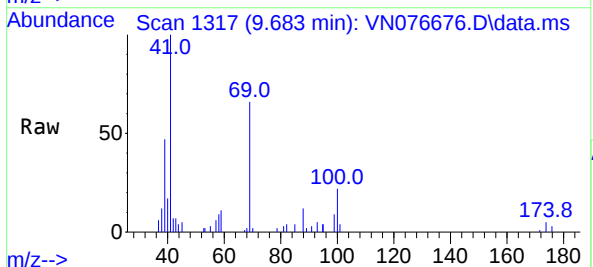


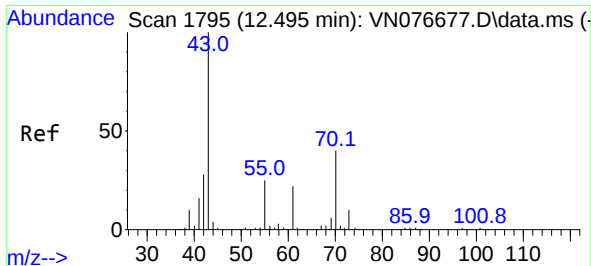
Tgt Ion: 88 Resp: 8468
Ion Ratio Lower Upper
88 100
43 22.0 26.0 39.0#
58 67.7 54.3 81.5



#46
Methyl methacrylate
Concen: 5.055 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 41 Resp: 21205
Ion Ratio Lower Upper
41 100
69 65.4 40.6 121.7
39 46.6 30.5 91.5

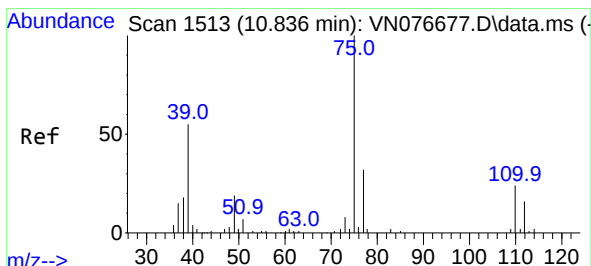
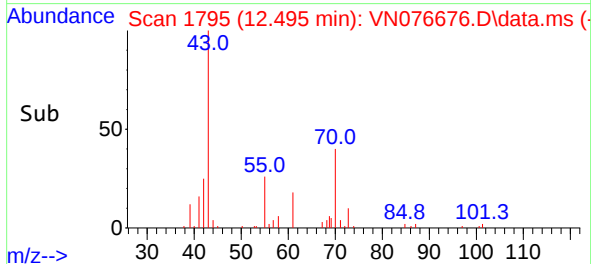
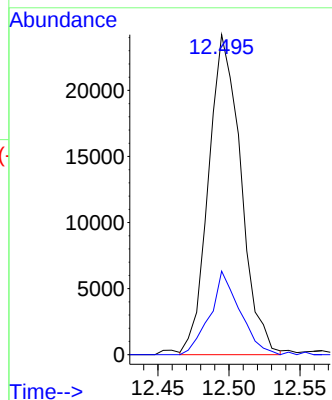
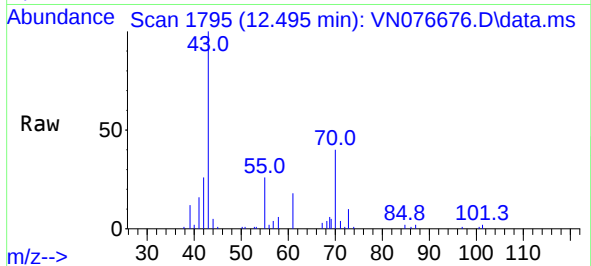




#47
n-amyl acetate
Concen: 4.757 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

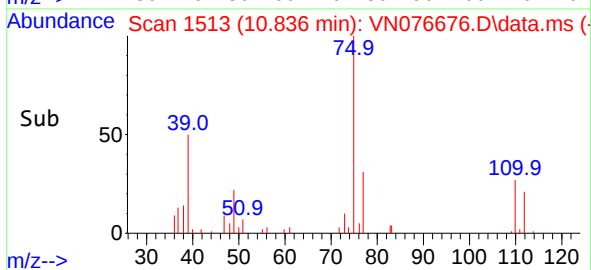
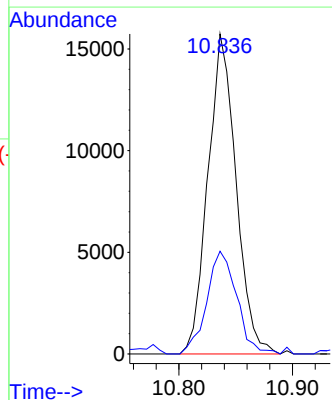
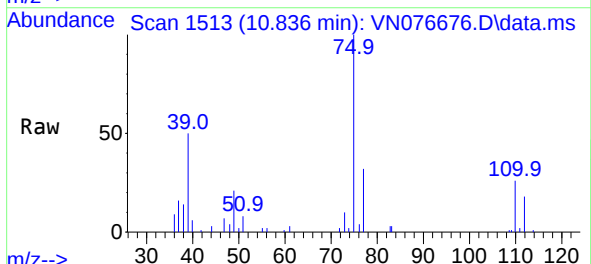
Instrument :
MSVOA_N
ClientSampleId :

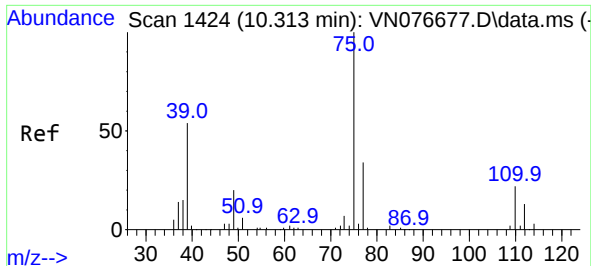
Tgt Ion: 43 Resp: 38392
Ion Ratio Lower Upper
43 100
55 24.1 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 5.043 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 75 Resp: 27120
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

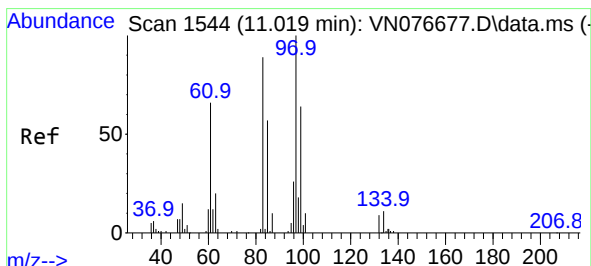
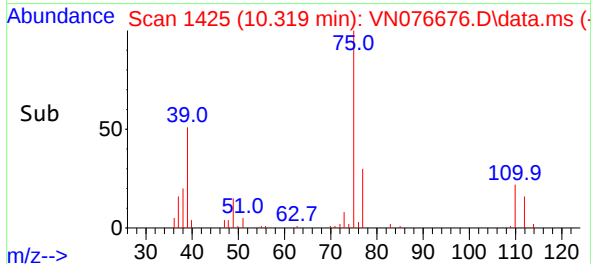
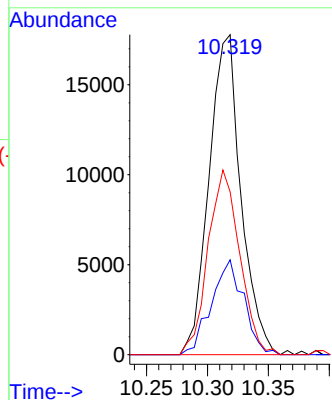
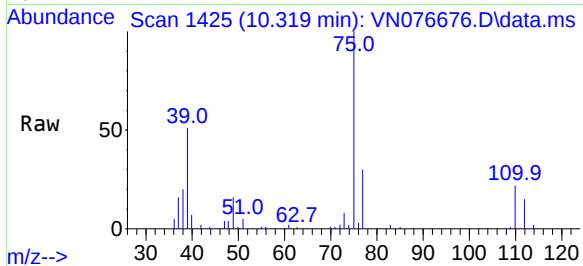




#49
cis-1,3-Dichloropropene
Concen: 5.299 ug/l
RT: 10.319 min Scan# 1424
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

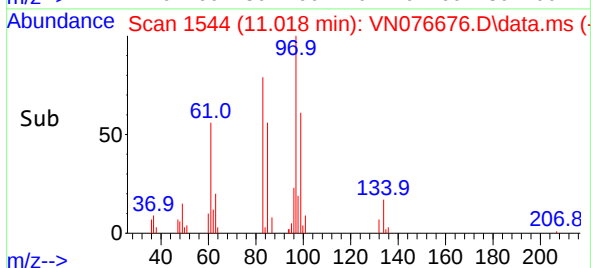
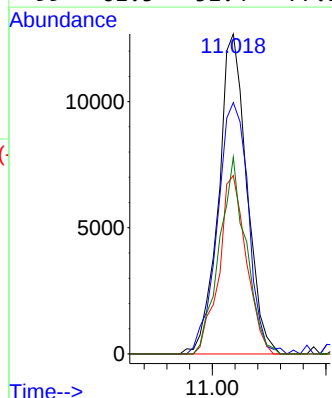
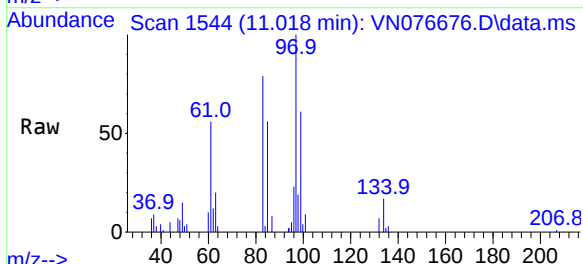
Instrument :
MSVOA_N
ClientSampleId :

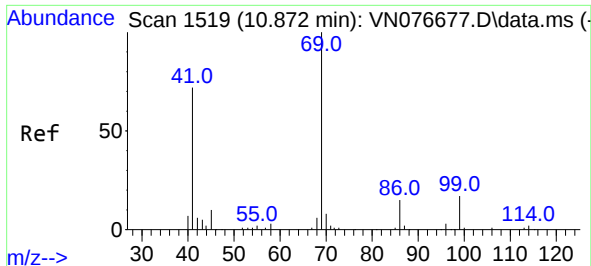
Tgt Ion:	75	Resp:	32433
Ion	Ratio	Lower	Upper
75	100		
77	29.6	27.5	41.3
39	50.9	43.5	65.3



#50
1,1,2-Trichloroethane
Concen: 5.688 ug/l
RT: 11.018 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:	97	Resp:	21858
Ion	Ratio	Lower	Upper
97	100		
83	78.5	71.0	106.4
85	55.7	45.5	68.3
99	61.5	51.4	77.2

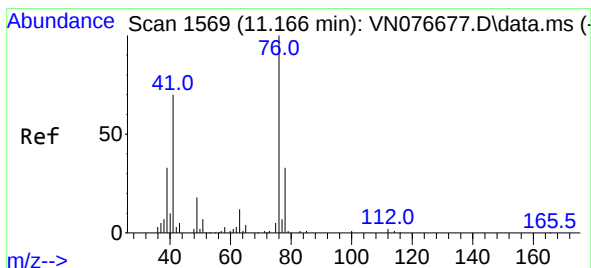
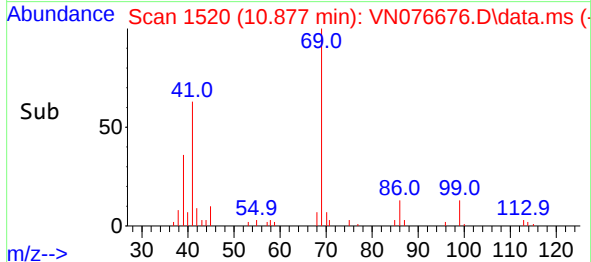
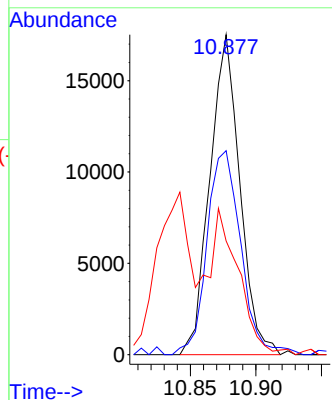
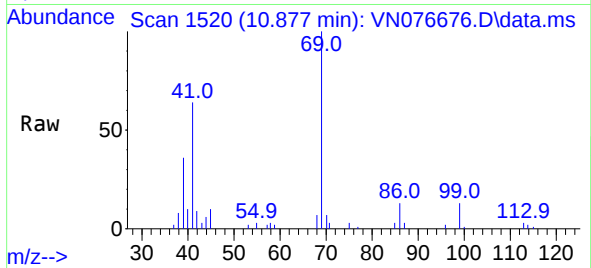




#51
Ethyl methacrylate
Concen: 4.999 ug/l
RT: 10.877 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

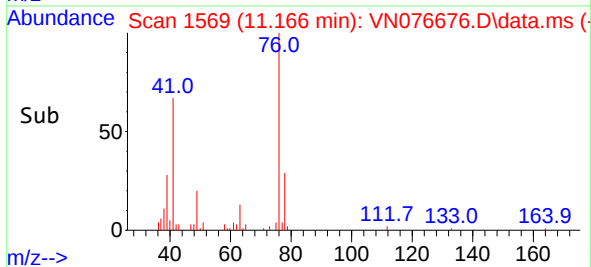
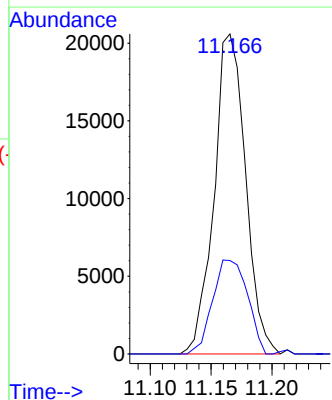
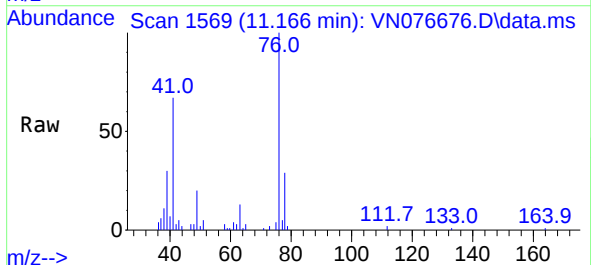
Instrument :
MSVOA_N
ClientSampleId :

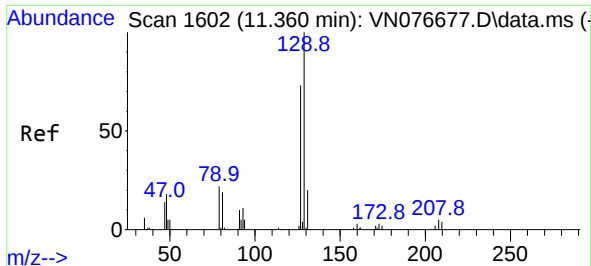
Tgt Ion: 69 Resp: 27889
Ion Ratio Lower Upper
69 100
41 61.6 36.3 108.7
39 34.1 19.9 59.7



#52
1,3-Dichloropropane
Concen: 5.609 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 76 Resp: 37057
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4

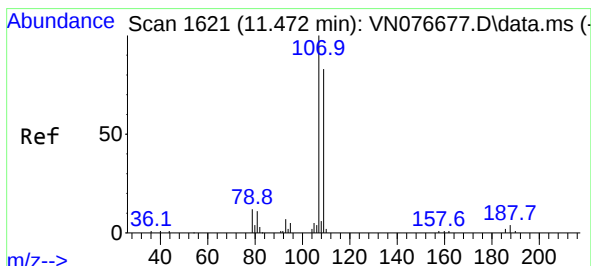
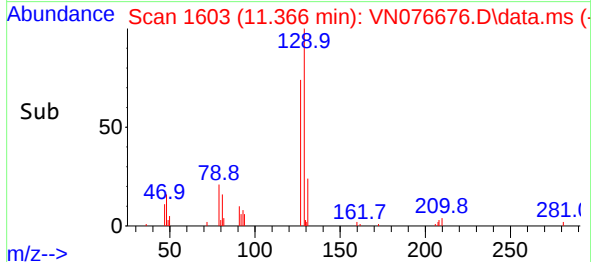
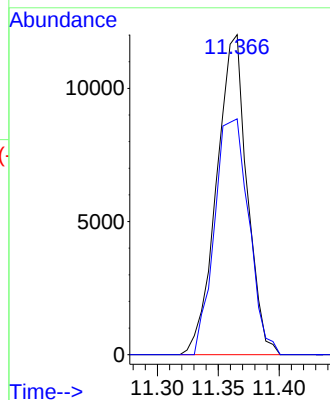
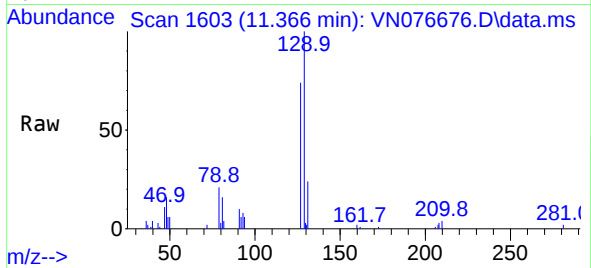




#53
Dibromochloromethane
Concen: 5.318 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

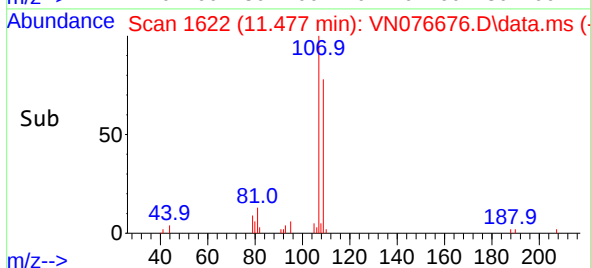
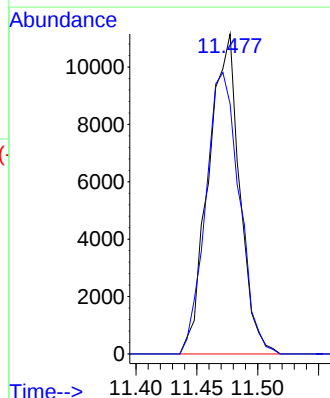
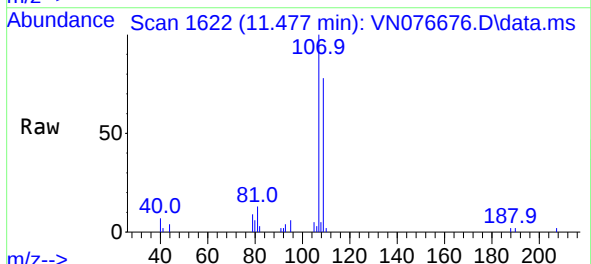
Instrument :
MSVOA_N
ClientSampleId :

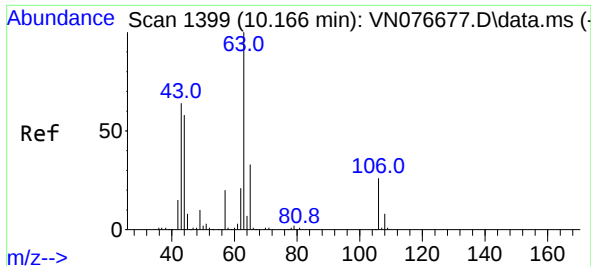
Tgt Ion:129 Resp: 20991
Ion Ratio Lower Upper
129 100
127 82.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 5.293 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:107 Resp: 19800
Ion Ratio Lower Upper
107 100
109 95.3 74.6 112.0

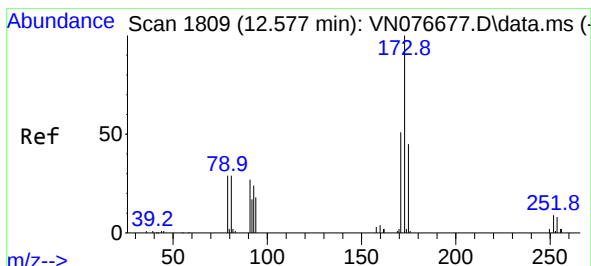
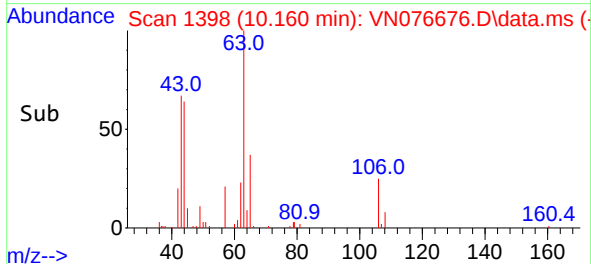
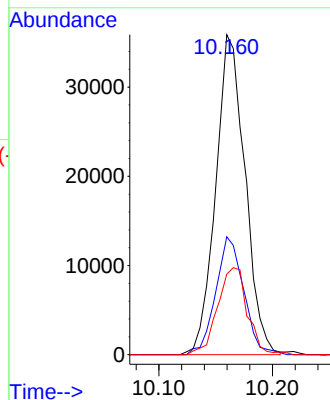
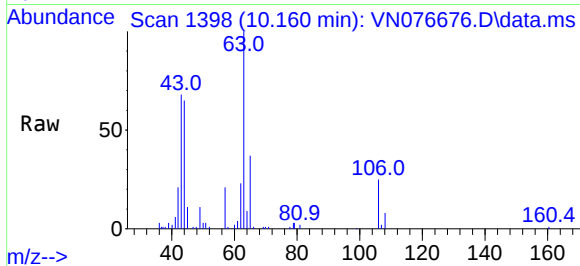




#55
2-Chloroethyl vinyl ether
Concen: 26.034 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

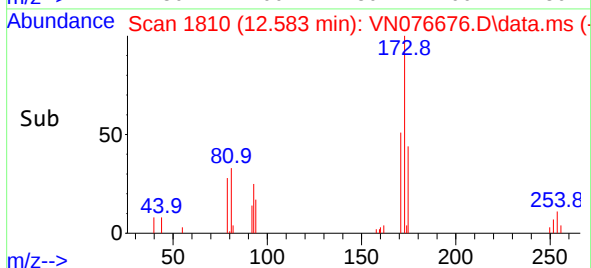
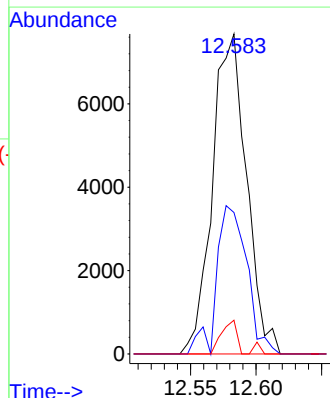
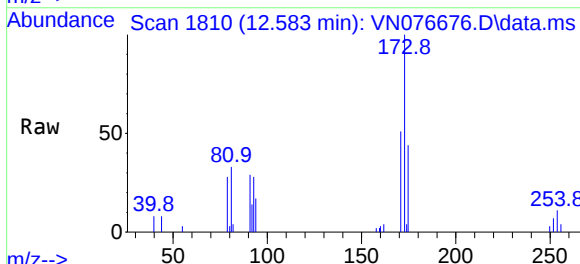
Instrument :
MSVOA_N
ClientSampleId :

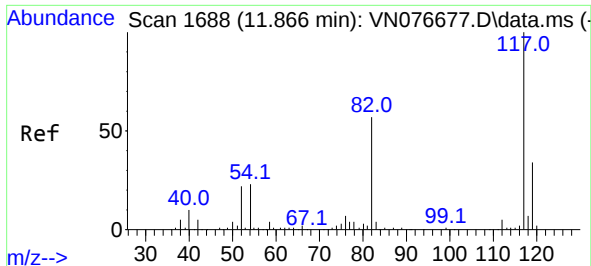
Tgt Ion: 63 Resp: 64392
Ion Ratio Lower Upper
63 100
65 35.2 26.3 39.5
106 27.4 21.6 32.4



#56
Bromoform
Concen: 5.104 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:173 Resp: 13876
Ion Ratio Lower Upper
173 100
175 37.2 37.8 56.6#
254 4.7 7.3 10.9#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

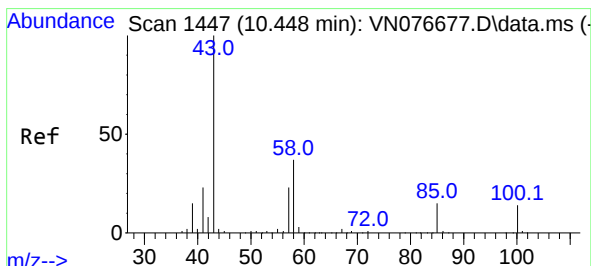
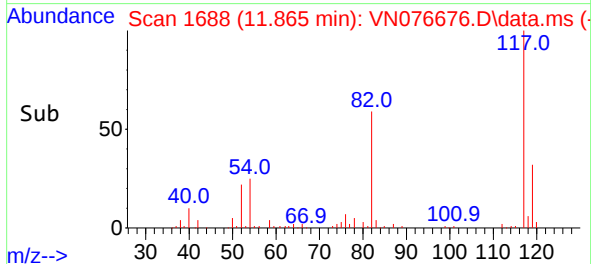
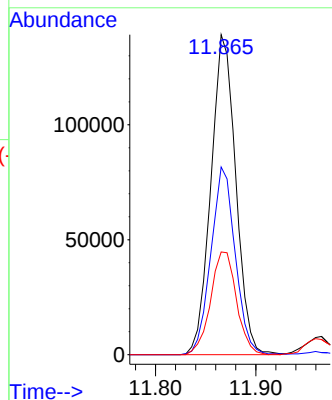
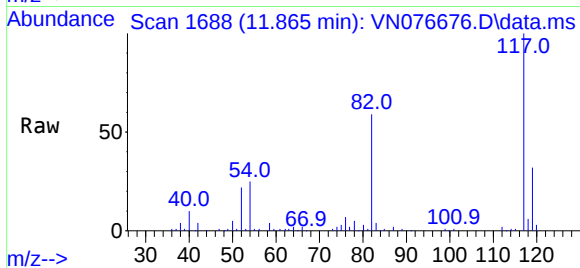
Tgt Ion:117 Resp: 240062

Ion Ratio Lower Upper

117 100

82 57.4 45.4 68.0

119 33.5 26.8 40.2



#58

4-Methyl-2-Pentanone

Concen: 26.516 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

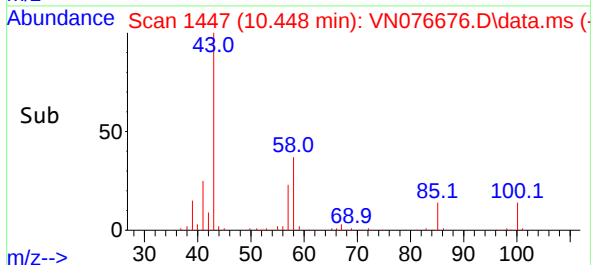
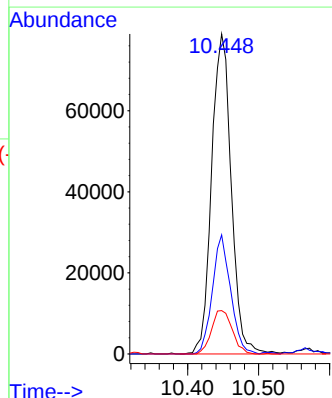
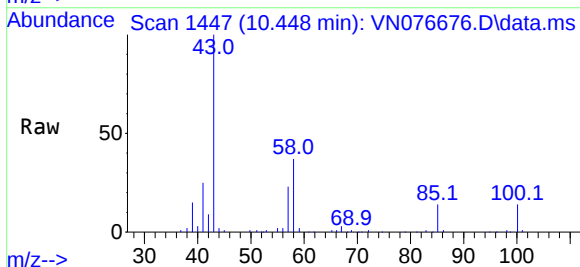
Tgt Ion: 43 Resp: 151398

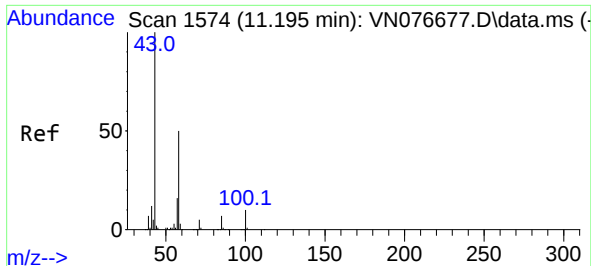
Ion Ratio Lower Upper

43 100

58 34.5 28.6 42.8

85 14.4 11.8 17.8

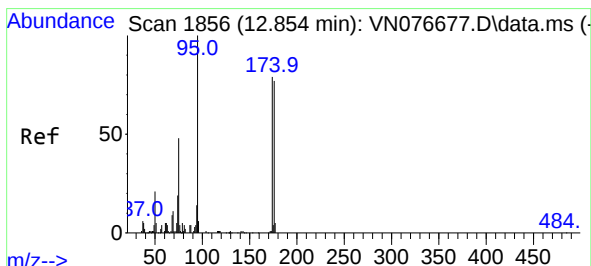
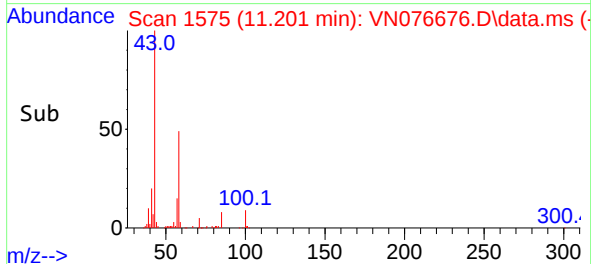
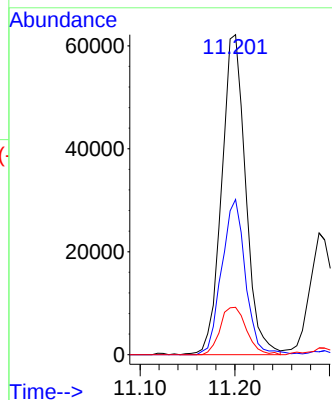
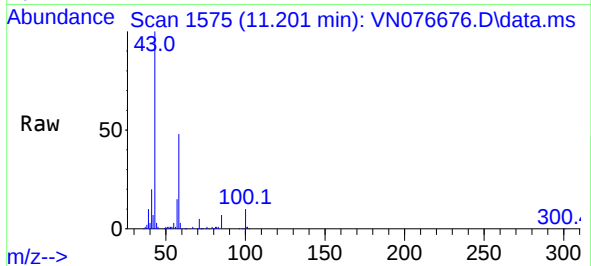




#59
2-Hexanone
Concen: 25.736 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

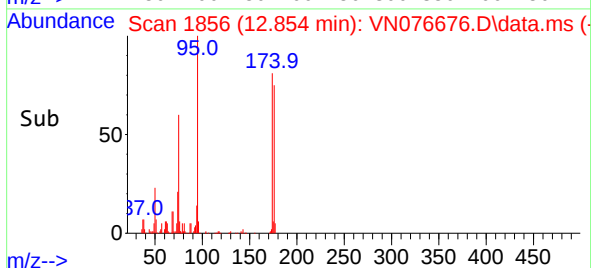
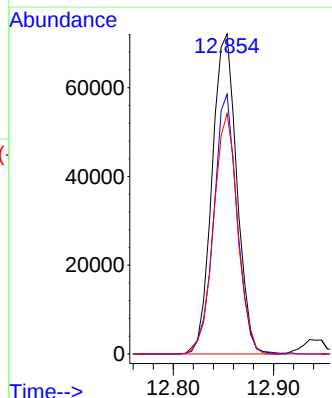
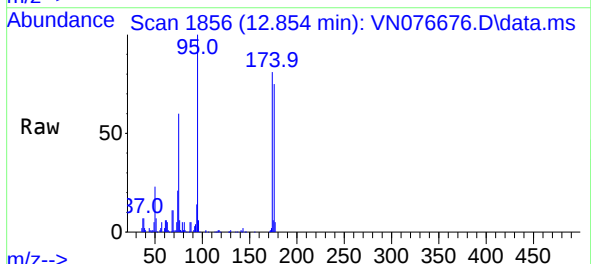
Instrument :
MSVOA_N
ClientSampleId :

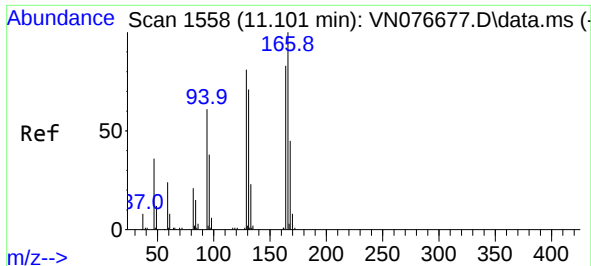
Tgt Ion: 43 Resp: 109298
Ion Ratio Lower Upper
43 100
58 48.0 40.6 60.8
57 16.1 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 29.068 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

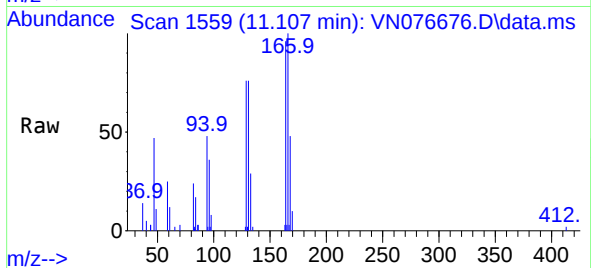
Tgt Ion: 95 Resp: 123426
Ion Ratio Lower Upper
95 100
174 76.6 64.2 96.4
176 73.2 61.4 92.0



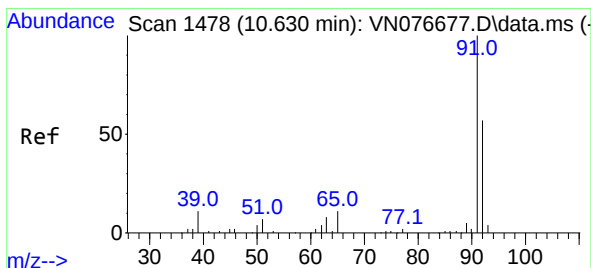
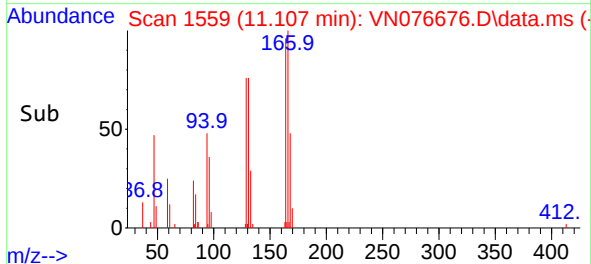
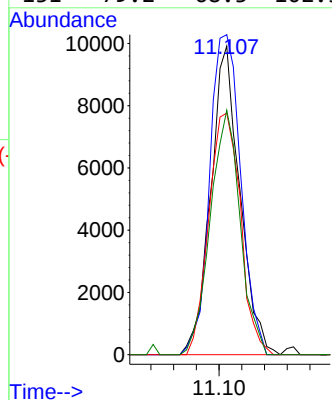


#61
Tetrachloroethene
Concen: 5.832 ug/l
RT: 11.107 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

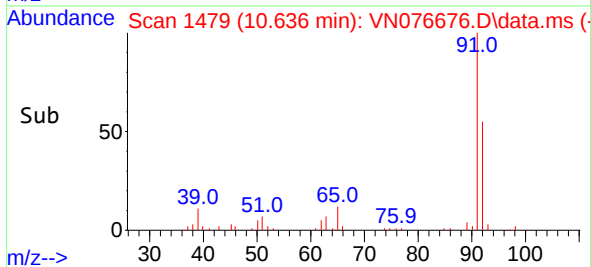
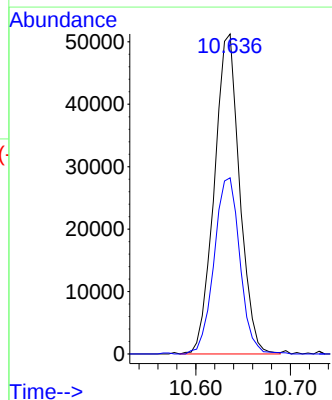
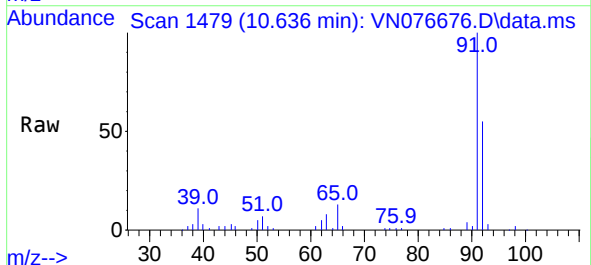


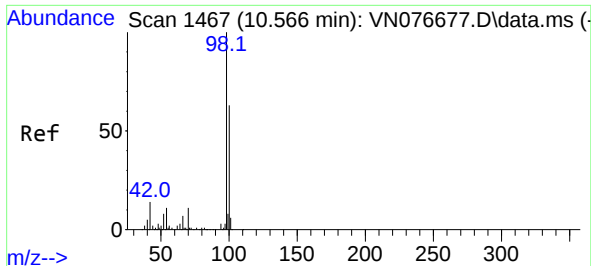
Tgt Ion:164 Resp: 17679
Ion Ratio Lower Upper
164 100
166 103.7 96.2 144.2
129 78.3 78.2 117.4
131 79.2 68.3 102.5



#62
Toluene
Concen: 5.682 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 91 Resp: 95325
Ion Ratio Lower Upper
91 100
92 55.8 46.3 69.5

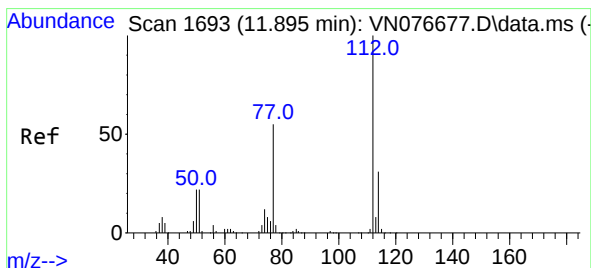
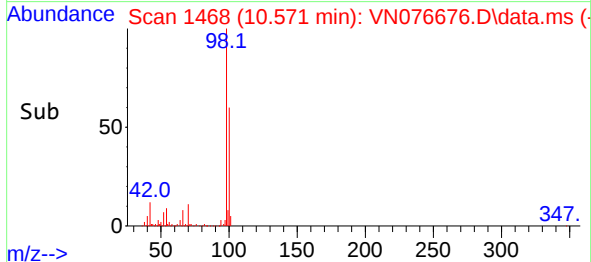
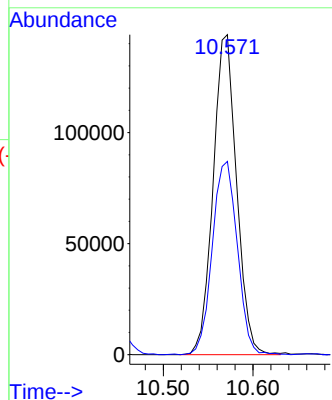
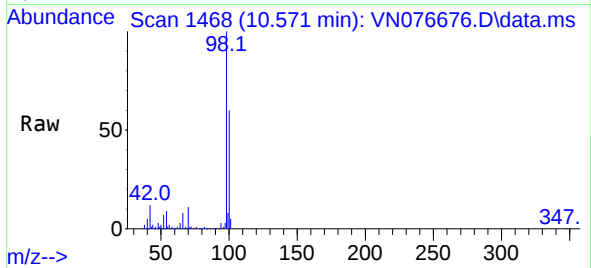




#63
Toluene-d8
Concen: 31.139 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

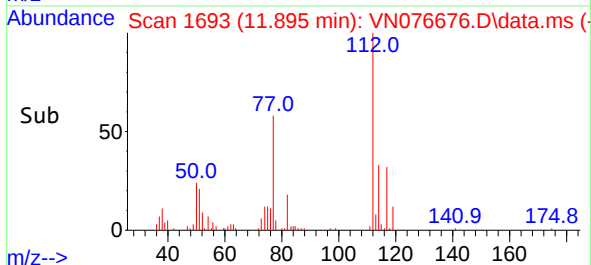
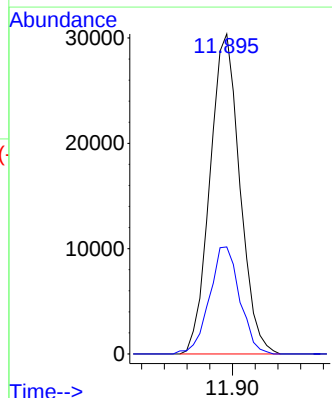
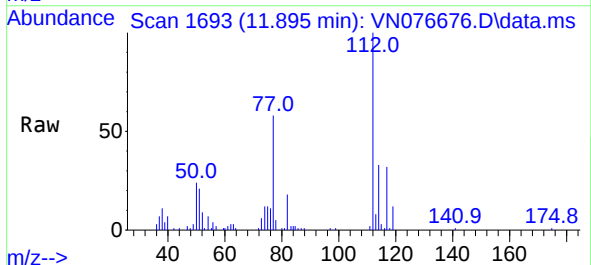
Instrument :
MSVOA_N
ClientSampleId :

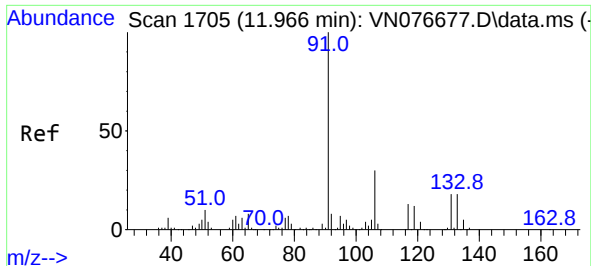
Tgt Ion: 98 Resp: 261839
Ion Ratio Lower Upper
98 100
100 63.9 53.8 80.6



#64
Chlorobenzene
Concen: 5.550 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 112 Resp: 55473
Ion Ratio Lower Upper
112 100
114 33.4 24.5 36.7

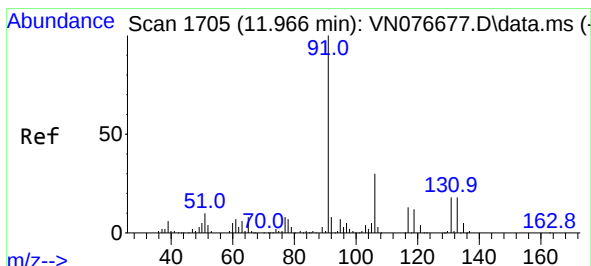
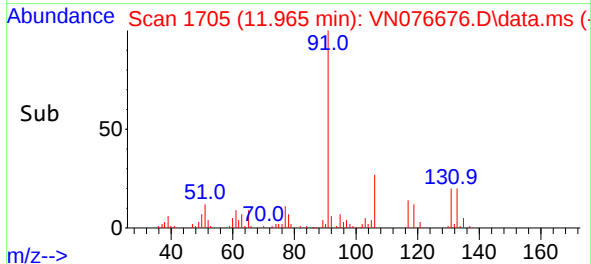
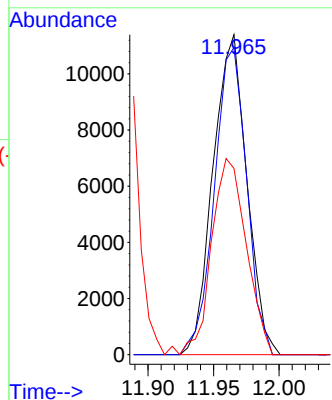
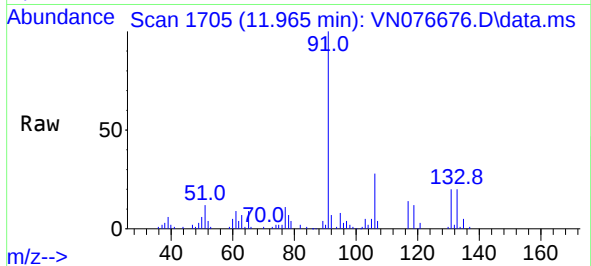




#65
1,1,1,2-Tetrachloroethane
Concen: 5.571 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

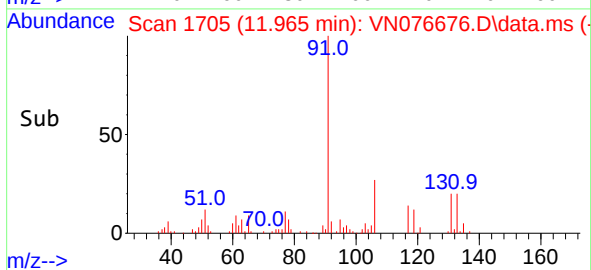
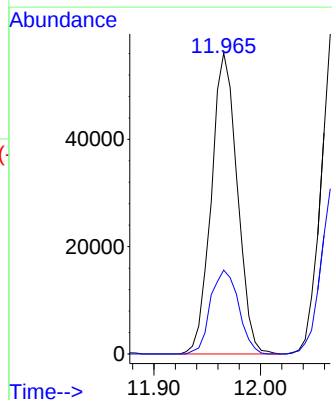
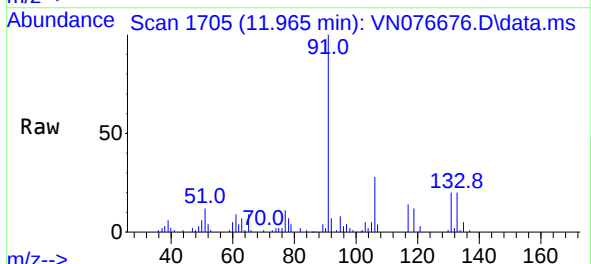
Instrument :
MSVOA_N
ClientSampleId :

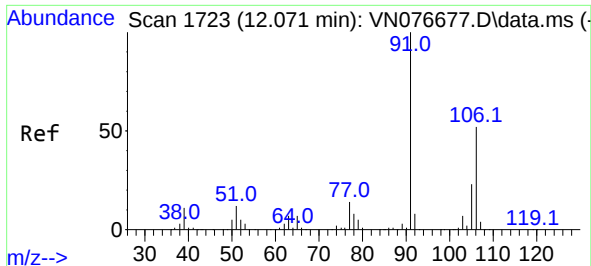
Tgt Ion:131 Resp: 20414
Ion Ratio Lower Upper
131 100
133 91.8 0.0 197.6
119 62.9 0.0 127.8



#66
Ethyl Benzene
Concen: 5.322 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 91 Resp: 94925
Ion Ratio Lower Upper
91 100
106 27.9 23.8 35.8

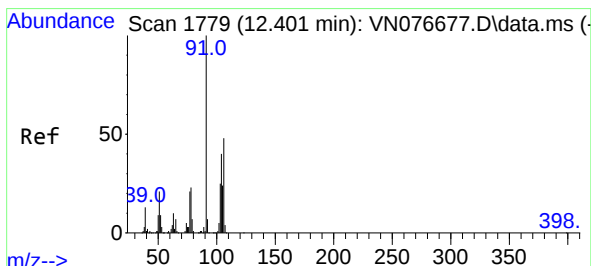
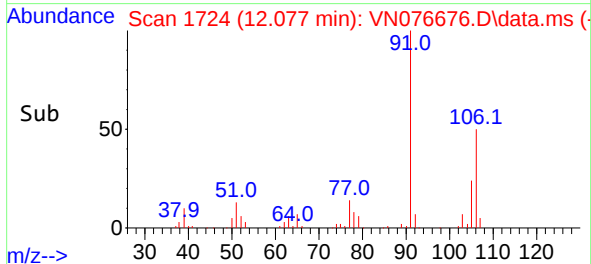
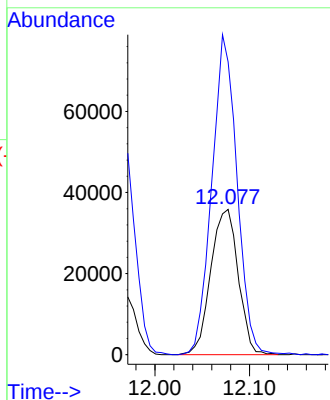
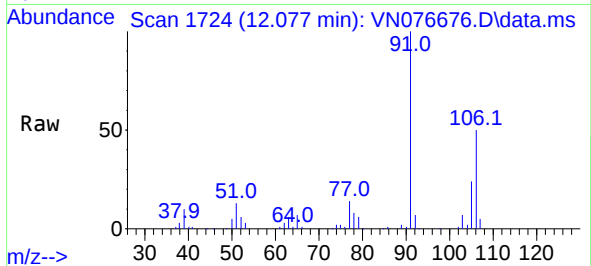




#67
m/p-Xylenes
Concen: 10.363 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

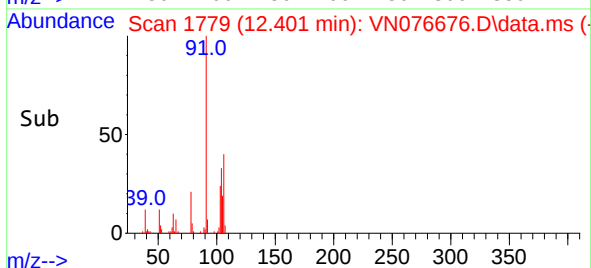
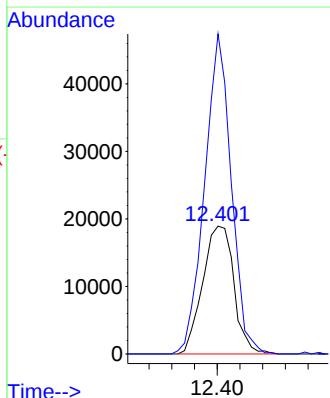
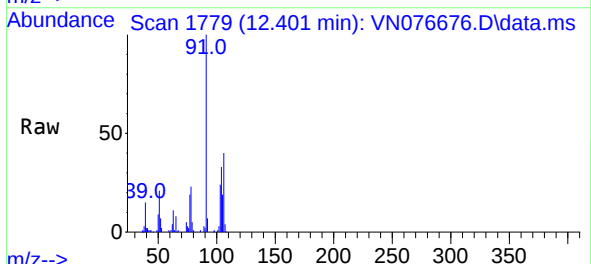
Instrument :
MSVOA_N
ClientSampleId :

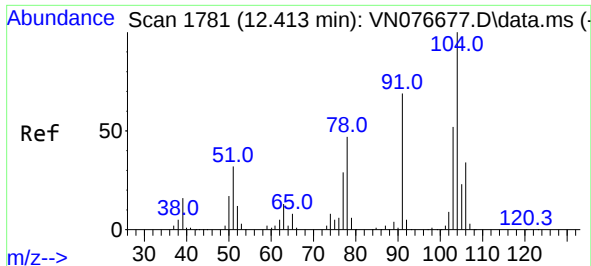
Tgt Ion:106 Resp: 72275
Ion Ratio Lower Upper
106 100
91 201.5 157.4 236.2



#68
o-Xylene
Concen: 5.258 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:106 Resp: 36137
Ion Ratio Lower Upper
106 100
91 213.6 107.2 321.6





#69

Styrene

Concen: 5.008 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076676.D

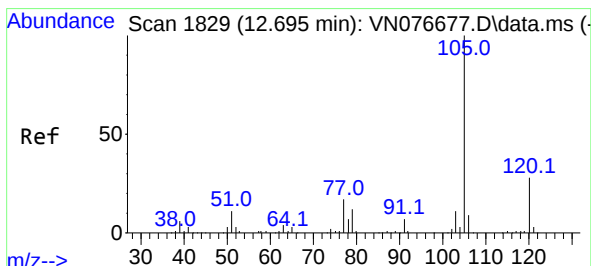
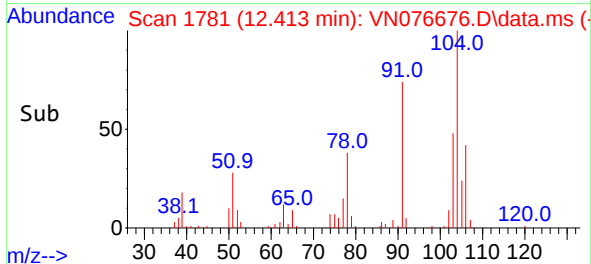
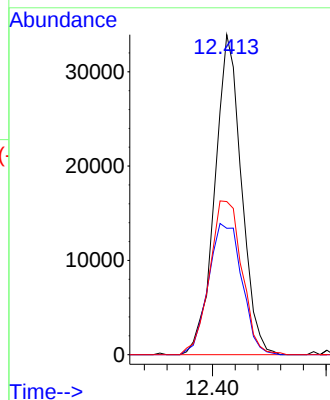
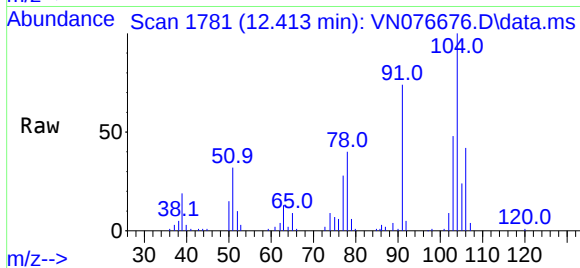
Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	55261
Ion	Ratio	Lower Upper
104	100	
78	51.5	39.6 59.4
103	58.3	43.9 65.9



#70

Isopropylbenzene

Concen: 4.973 ug/l

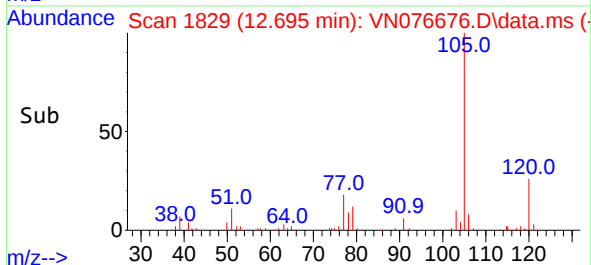
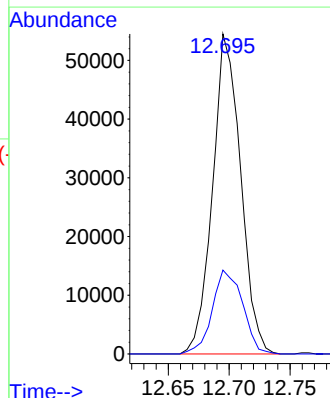
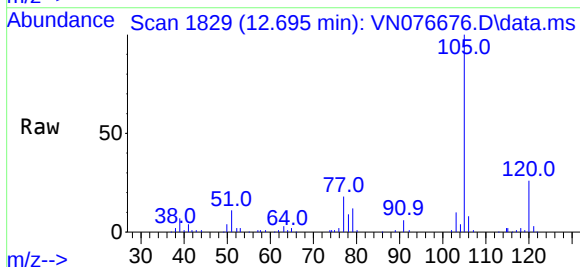
RT: 12.695 min Scan# 1829

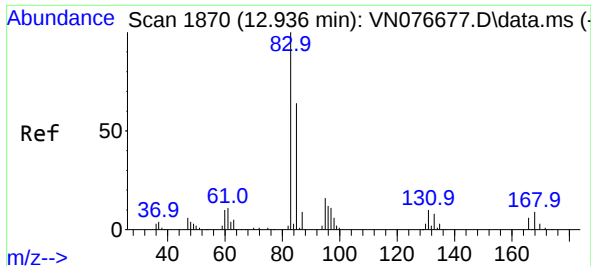
Delta R.T. -0.000 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Tgt Ion:105	Resp:	87194
Ion	Ratio	Lower Upper
105	100	
120	28.3	19.0 35.2

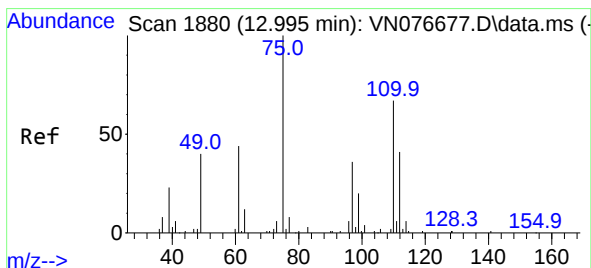
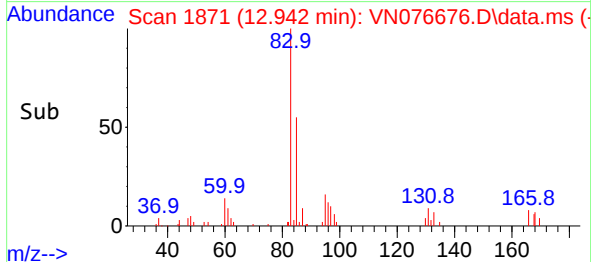
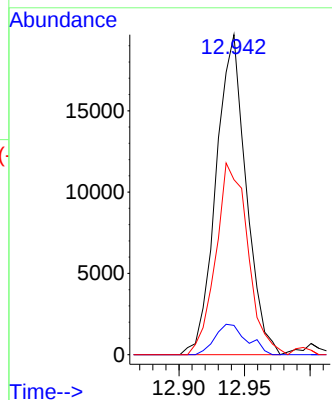
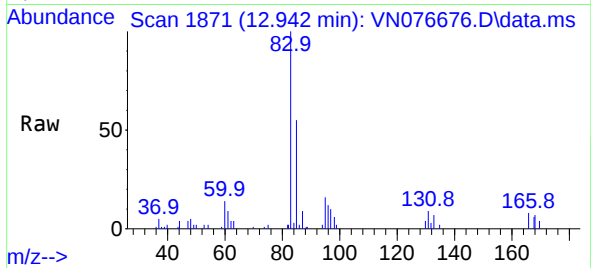




#71
1,1,2,2-Tetrachloroethane
Concen: 5.467 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

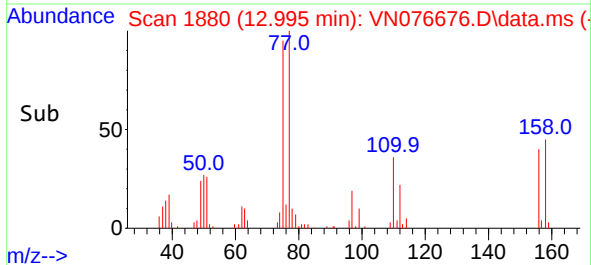
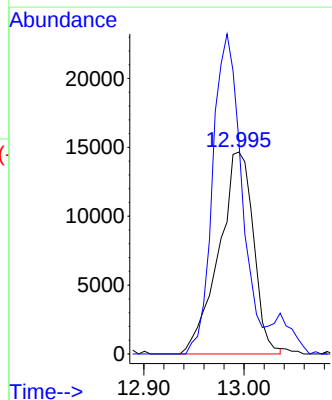
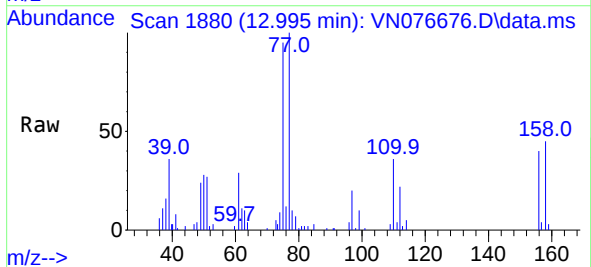
Instrument :
MSVOA_N
ClientSampleId :

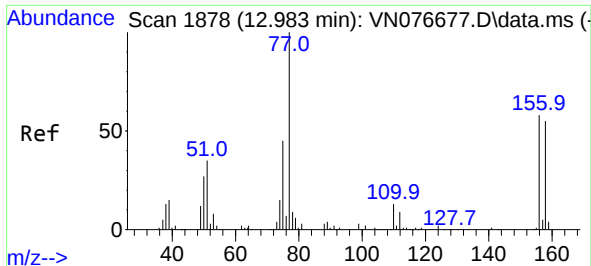
Tgt Ion: 83 Resp: 31363
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 63.8 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 6.943 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 75 Resp: 35088
Ion Ratio Lower Upper
75 100
77 131.9 0.0 332.6

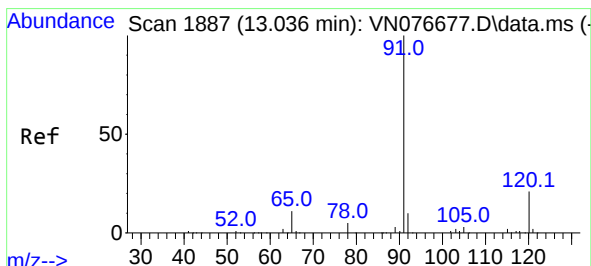
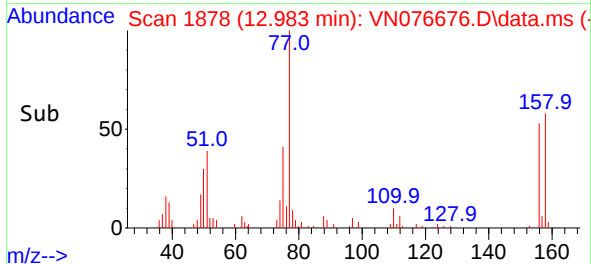
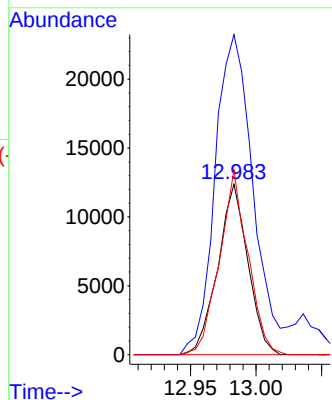
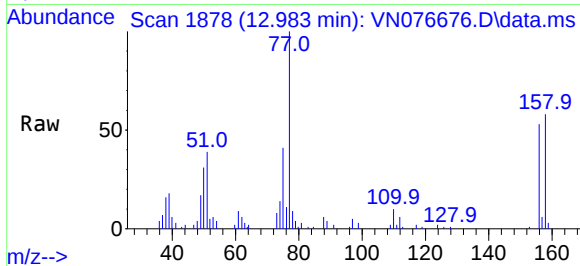




#73
Bromobenzene
Concen: 4.856 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

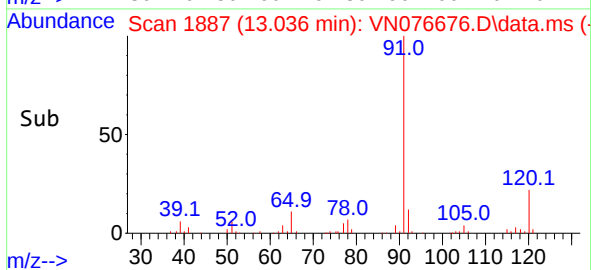
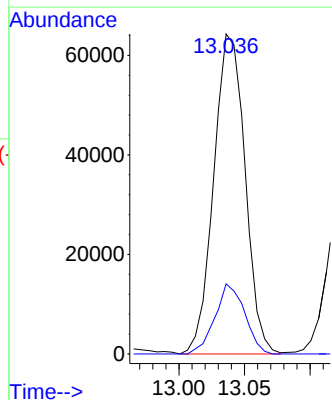
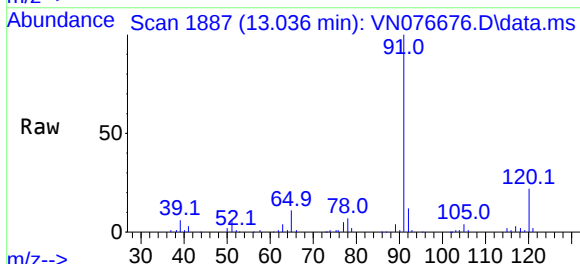
Instrument :
MSVOA_N
ClientSampleId :

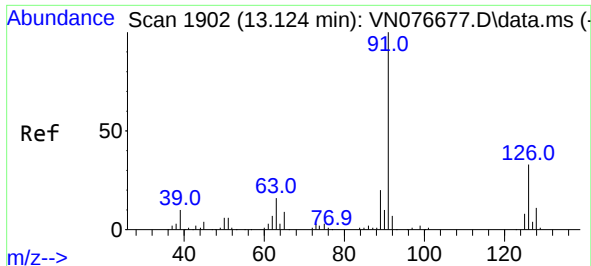
Tgt Ion:156 Resp: 19759
Ion Ratio Lower Upper
156 100
77 234.2 0.0 423.0
158 102.5 0.0 188.6



#74
n-propylbenzene
Concen: 5.120 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 91 Resp: 106920
Ion Ratio Lower Upper
91 100
120 20.7 0.0 44.0

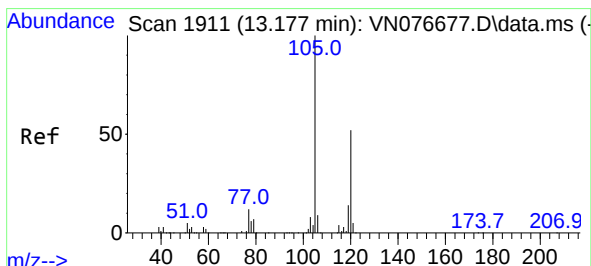
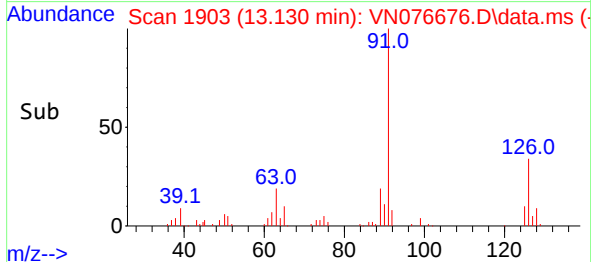
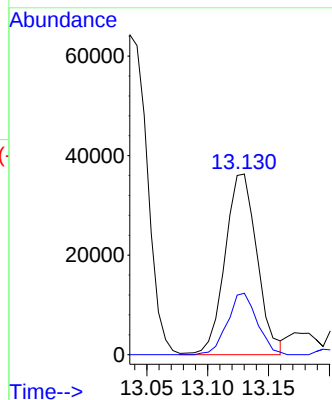
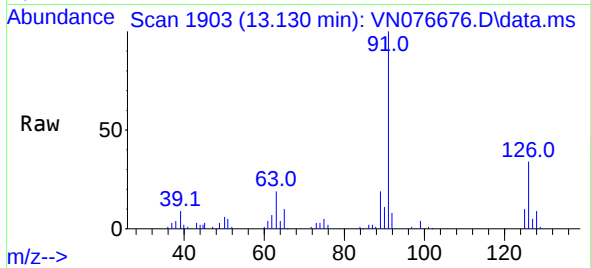




#75
2-Chlorotoluene
Concen: 5.341 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

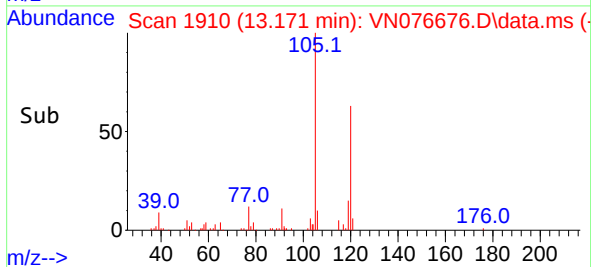
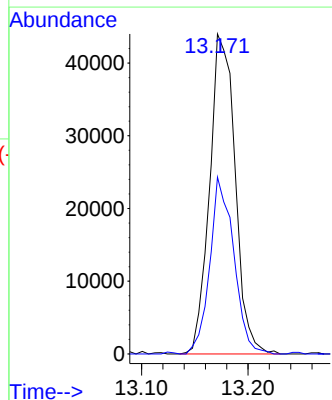
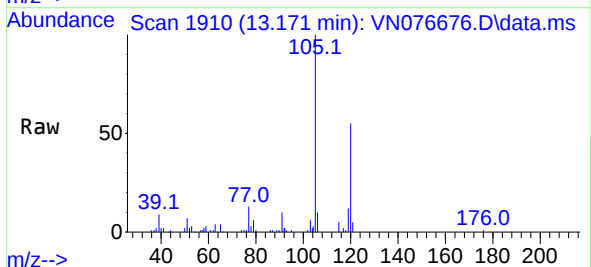
Instrument :
MSVOA_N
ClientSampleId :

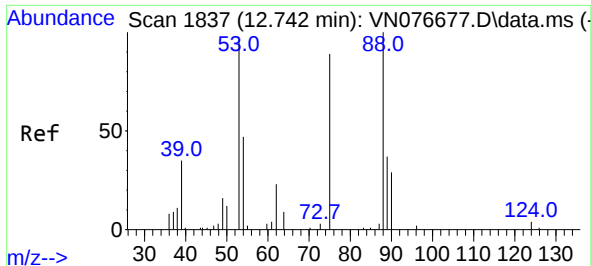
Tgt Ion: 91 Resp: 66376
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 5.013 ug/l
RT: 13.171 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 105 Resp: 73311
Ion Ratio Lower Upper
105 100
120 51.8 0.0 103.2

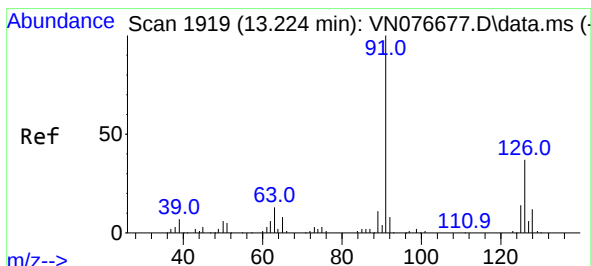
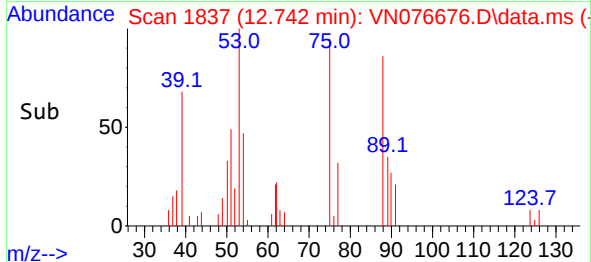
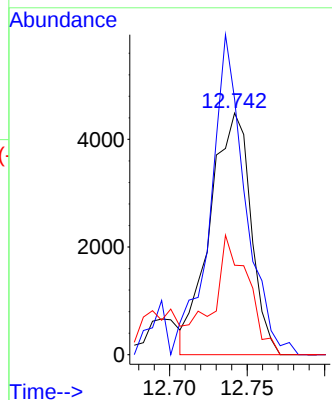
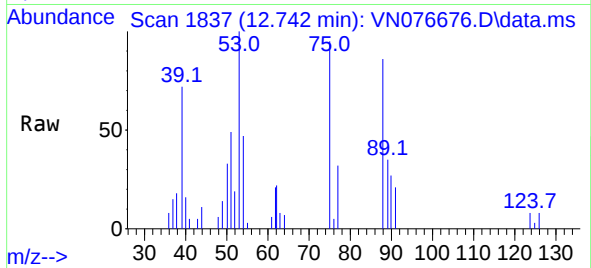




#77
t-1,4-Dichloro-2-butene
Concen: 5.068 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

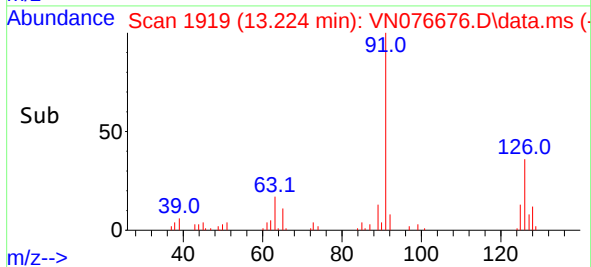
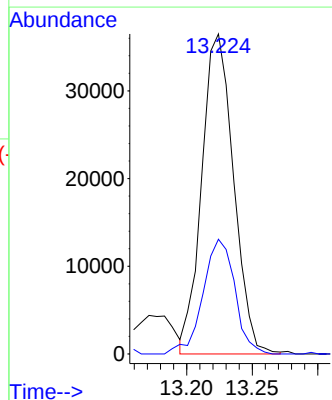
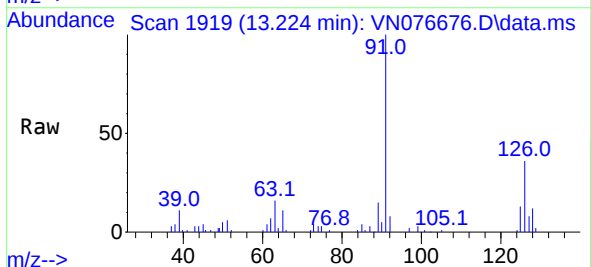
Instrument :
MSVOA_N
ClientSampleId :

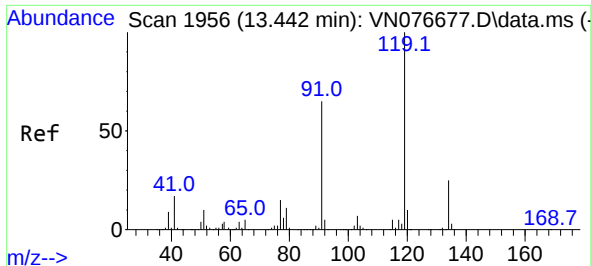
Tgt Ion: 75 Resp: 8228
Ion Ratio Lower Upper
75 100
53 102.0 50.4 151.3
89 37.0 22.1 66.5



#78
4-Chlorotoluene
Concen: 5.179 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 91 Resp: 61693
Ion Ratio Lower Upper
91 100
126 34.2 0.0 70.6





#79

tert-butylbenzene

Concen: 5.003 ug/l

RT: 13.436 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

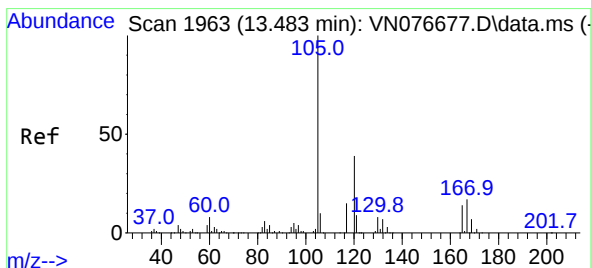
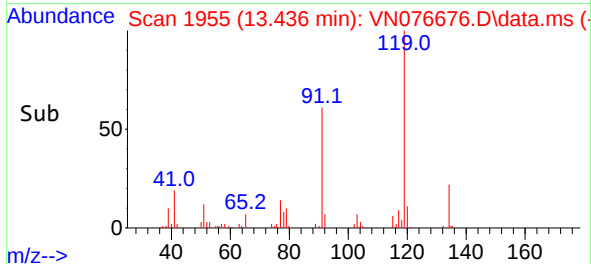
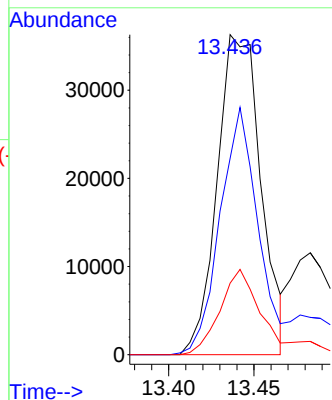
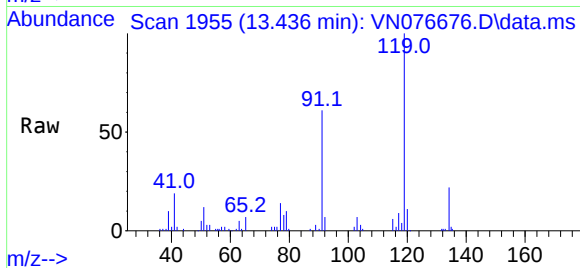
Tgt Ion:119 Resp: 64783

Ion Ratio Lower Upper

119 100

91 66.5 0.0 129.6

134 23.8 0.0 47.8



#80

1,2,4-Trimethylbenzene

Concen: 4.901 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN076676.D

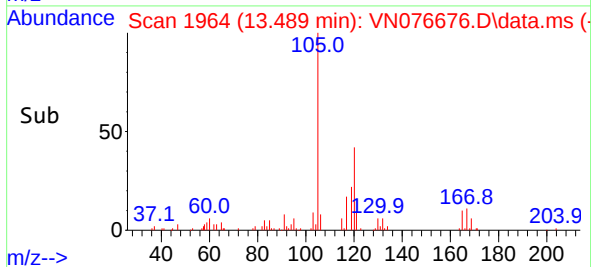
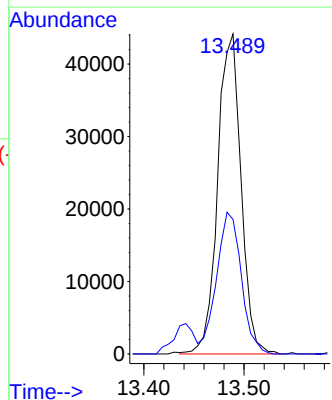
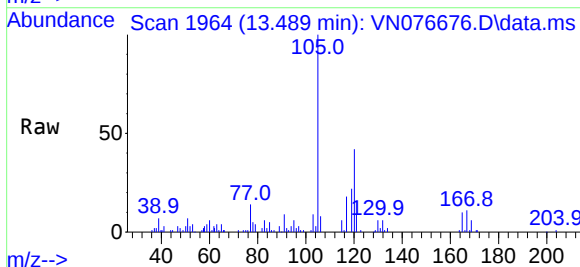
Acq: 15 Feb 2023 10:24

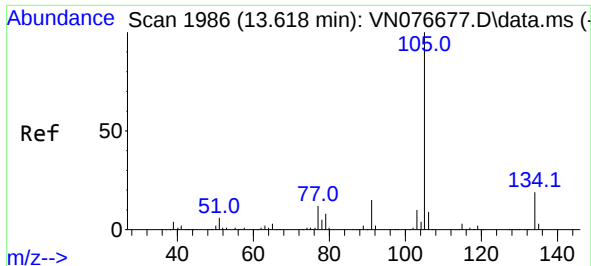
Tgt Ion:105 Resp: 71169

Ion Ratio Lower Upper

105 100

120 47.2 0.0 93.2

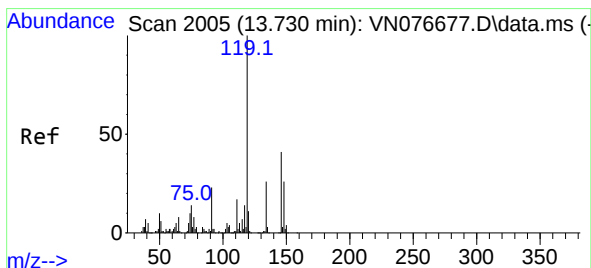
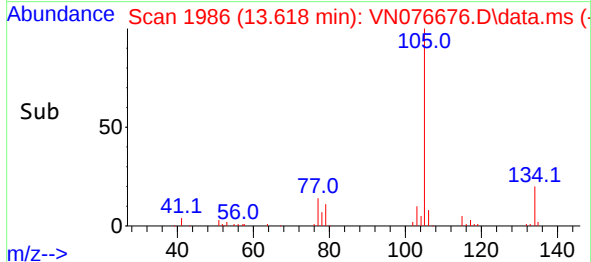
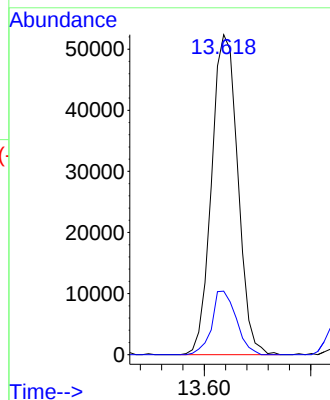
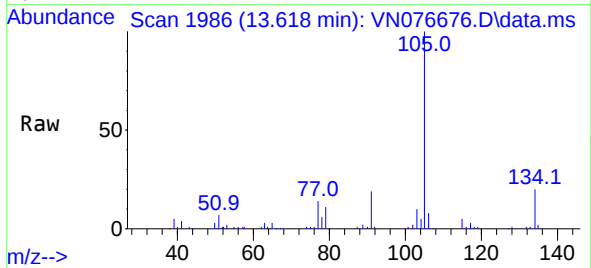




#81
 sec-Butylbenzene
 Concen: 4.812 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076676.D
 Acq: 15 Feb 2023 10:24

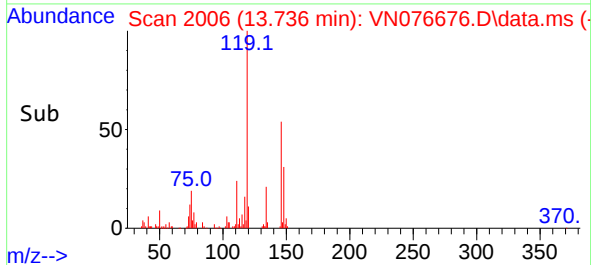
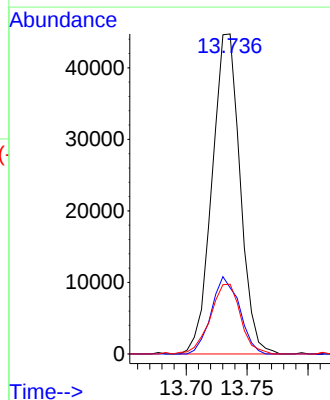
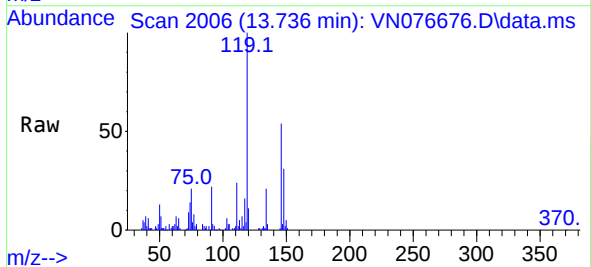
Instrument :
 MSVOA_N
 ClientSampleId :

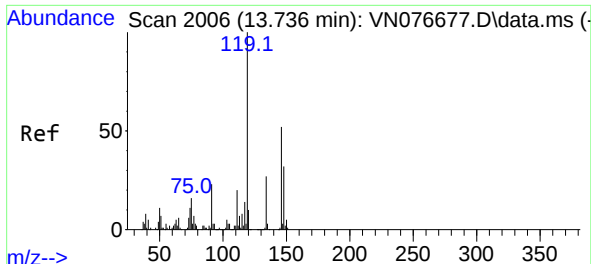
Tgt Ion:105 Resp: 89473
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 4.750 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076676.D
 Acq: 15 Feb 2023 10:24

Tgt Ion:119 Resp: 71609
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 53.4
 91 23.5 0.0 47.2

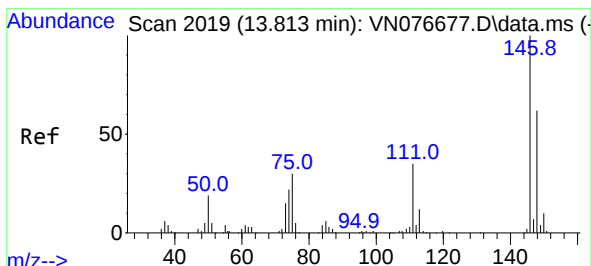
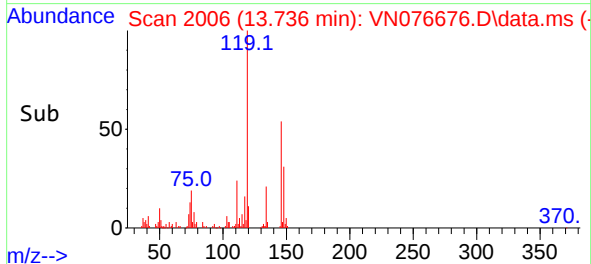
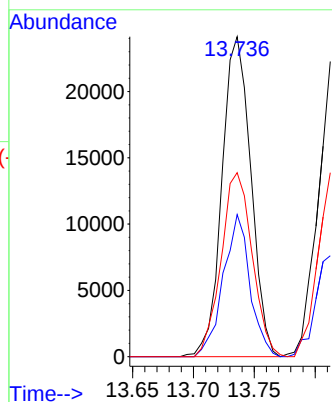
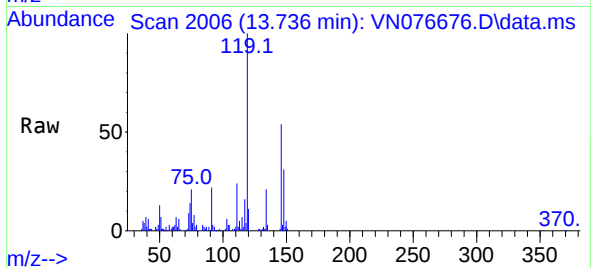




#83
1,3-Dichlorobenzene
Concen: 5.135 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

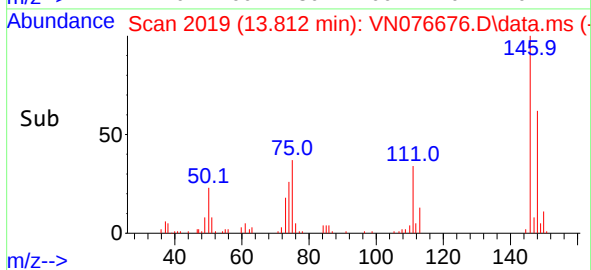
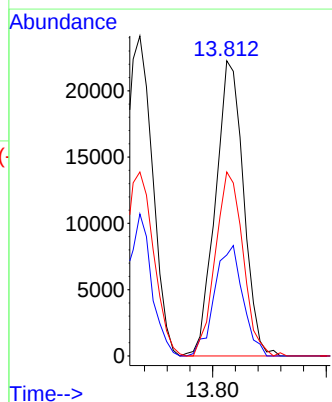
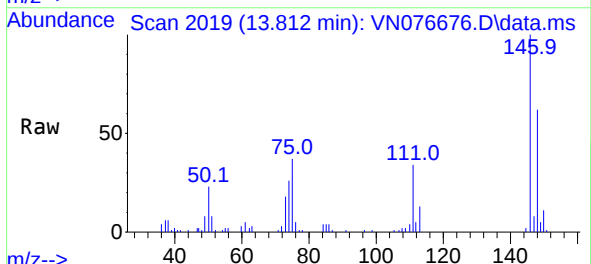
Instrument :
MSVOA_N
ClientSampleId :

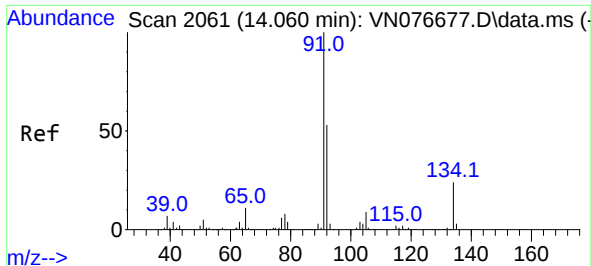
Tgt Ion:146 Resp: 39918
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 61.7 31.9 95.5



#84
1,4-Dichlorobenzene
Concen: 5.047 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:146 Resp: 38268
Ion Ratio Lower Upper
146 100
111 37.7 18.2 54.6
148 61.5 31.1 93.2

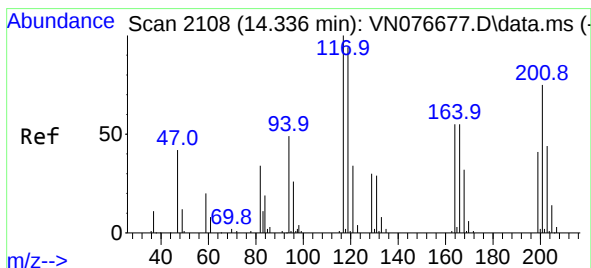
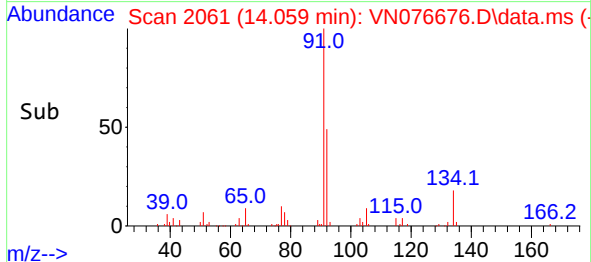
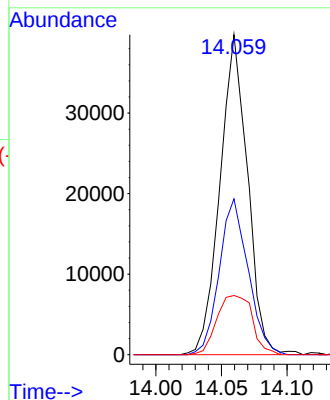
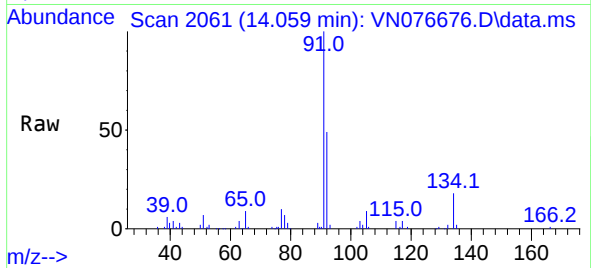




#85
n-Butylbenzene
Concen: 4.531 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

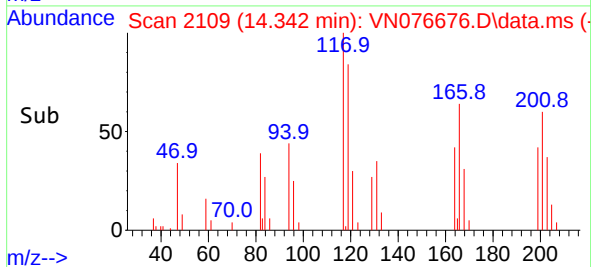
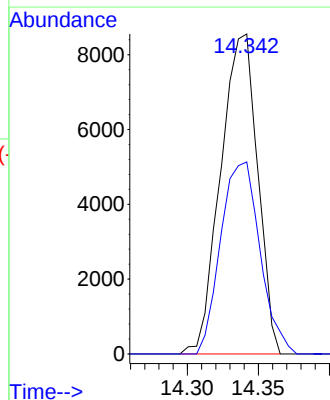
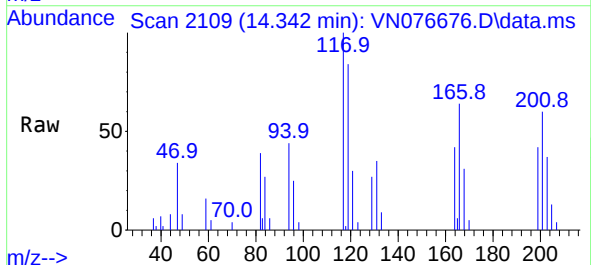
Instrument :
MSVOA_N
ClientSampleId :

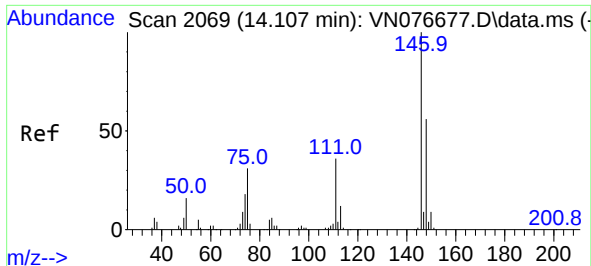
Tgt Ion: 91 Resp: 57896
Ion Ratio Lower Upper
91 100
92 51.2 0.0 103.2
134 23.9 0.0 50.0



#86
Hexachloroethane
Concen: 5.310 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion: 117 Resp: 15495
Ion Ratio Lower Upper
117 100
201 63.7 32.2 96.6





#87

1,2-Dichlorobenzene

Concen: 5.066 ug/l

RT: 14.112 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

Instrument :

MSVOA_N

ClientSampleId :

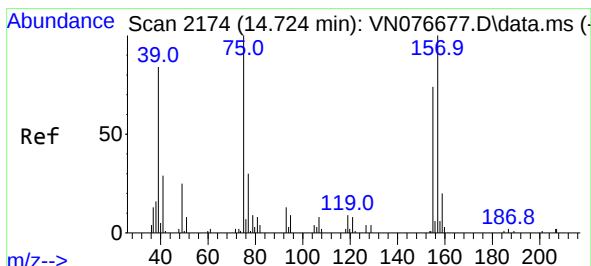
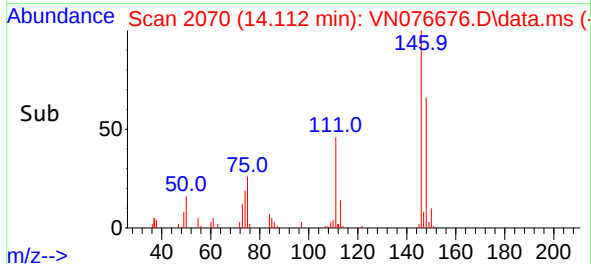
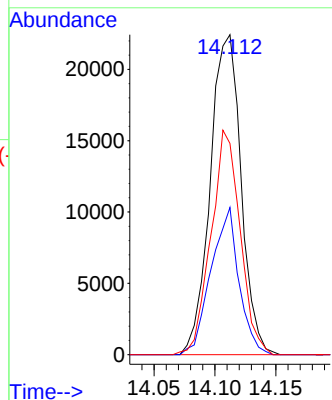
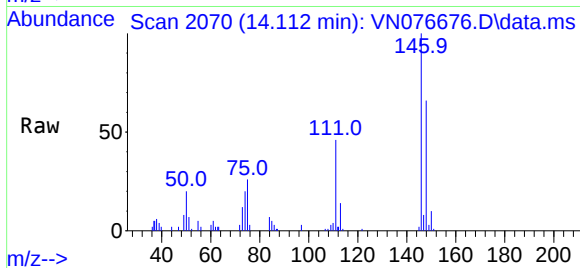
Tgt Ion:146 Resp: 39598

Ion Ratio Lower Upper

146 100

111 41.7 20.5 61.6

148 66.3 32.5 97.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.978 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN076676.D

Acq: 15 Feb 2023 10:24

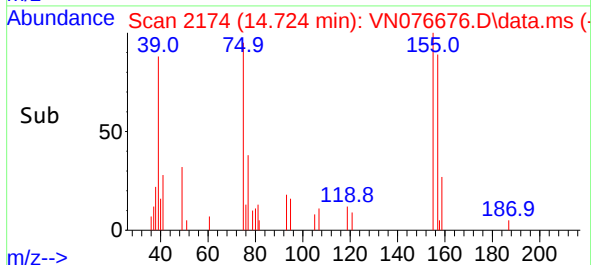
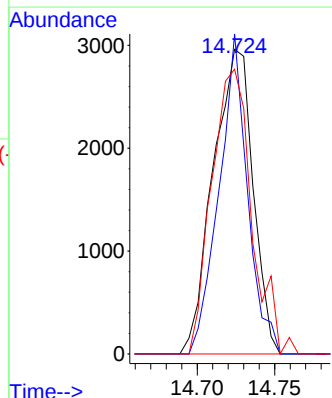
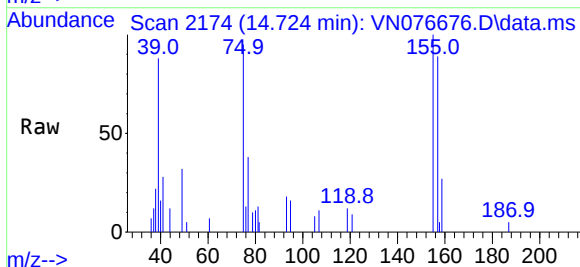
Tgt Ion: 75 Resp: 5294

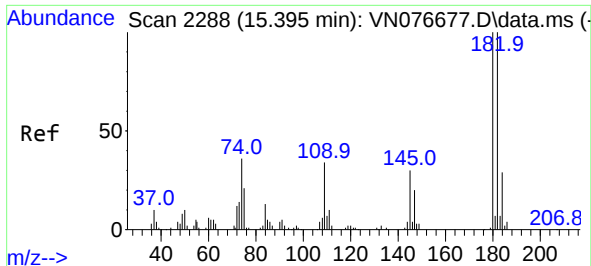
Ion Ratio Lower Upper

75 100

155 74.9 62.5 93.7

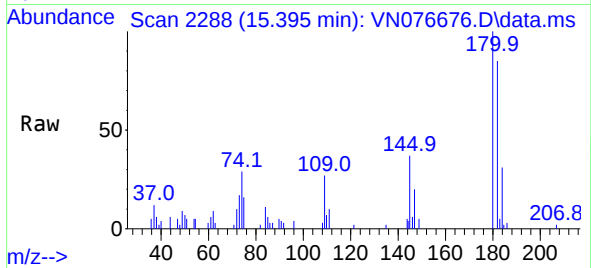
157 93.0 77.5 116.3



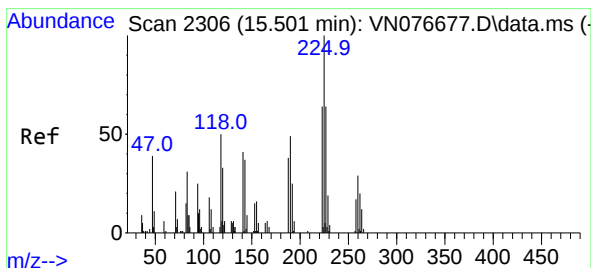
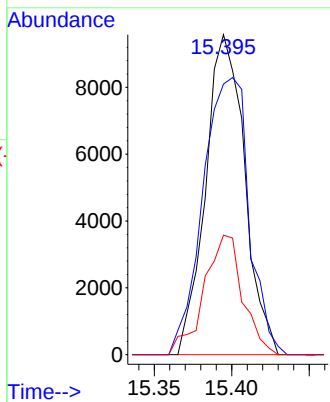
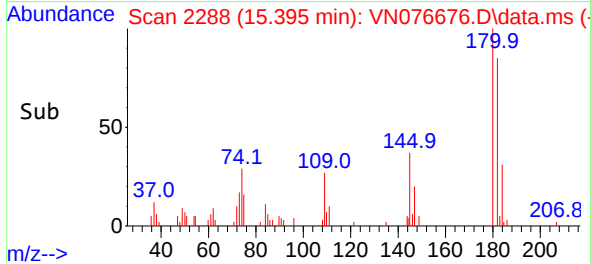


#89
1,2,4-Trichlorobenzene
Concen: 4.202 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

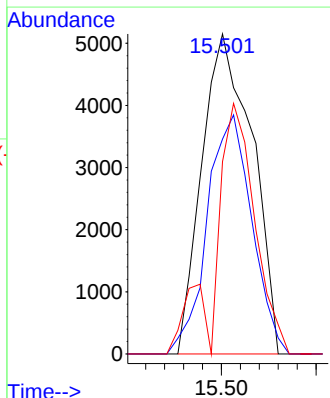
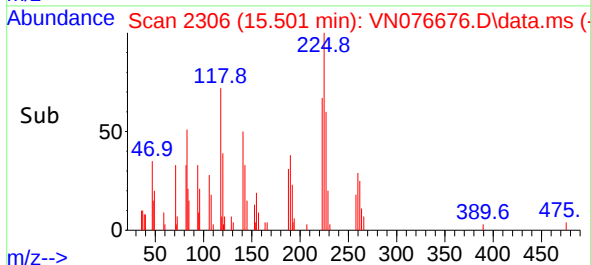
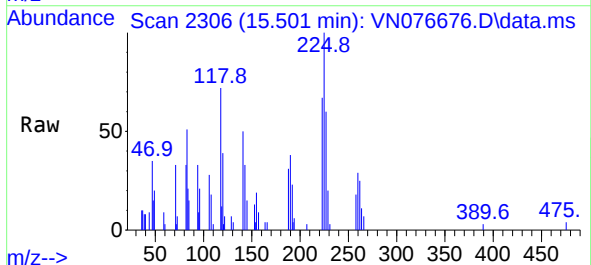


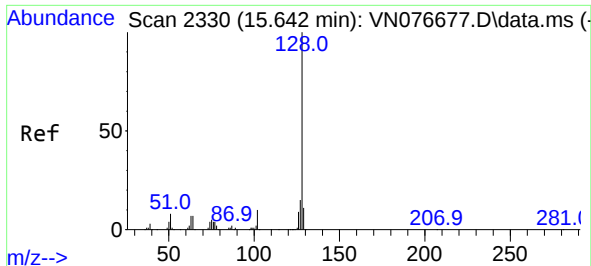
Tgt Ion:180 Resp: 16755
Ion Ratio Lower Upper
180 100
182 102.0 76.6 115.0
145 34.6 24.6 36.8



#90
Hexachlorobutadiene
Concen: 4.942 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:225 Resp: 9495
Ion Ratio Lower Upper
225 100
223 66.3 0.0 135.4
227 51.9 0.0 129.4

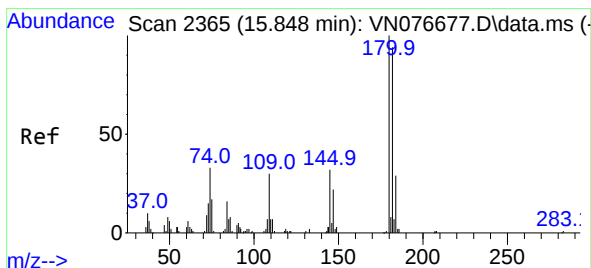
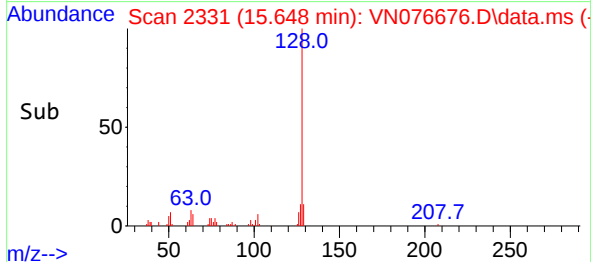
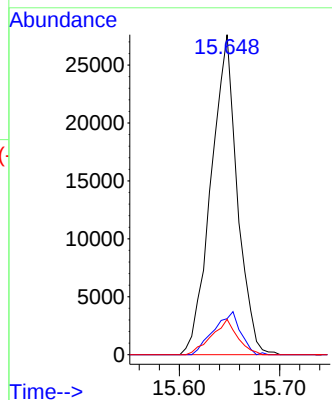
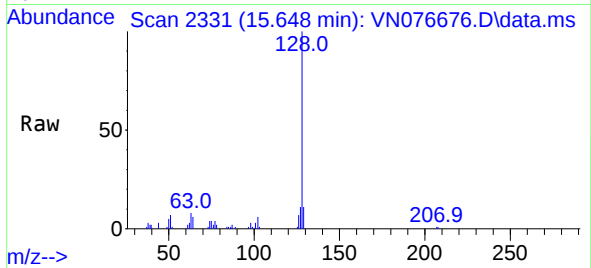




#91
Naphthalene
Concen: 3.923 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 50304
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.6
129 10.8 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 4.619 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. -0.000 min
Lab File: VN076676.D
Acq: 15 Feb 2023 10:24

Tgt Ion:180 Resp: 18695
Ion Ratio Lower Upper
180 100
182 87.1 0.0 190.8
145 16.8 0.0 65.0

