

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076678.D
 Acq On : 15 Feb 2023 11:11
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 16 01:11:06 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	36978	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	261648	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	297726	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	100453	29.702	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.000%
60) 4-Bromofluorobenzene	12.854	95	161443	30.657	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.200%
63) Toluene-d8	10.572	98	306315	29.373	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	189262	48.365	ug/l	96
3) Chloromethane	2.378	50	230720	48.016	ug/l	96
4) Vinyl Chloride	2.525	62	249336	48.617	ug/l	95
5) Bromomethane	2.954	94	145265	41.025	ug/l	94
6) Chloroethane	3.125	64	157741	47.429	ug/l	96
7) Trichlorofluoromethane	3.507	101	304725	47.664	ug/l	98
8) Diethyl Ether	3.972	74	125744	49.571	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	187830	48.341	ug/l	84
10) 1,1-Dichloroethene	4.354	96	176382	48.334	ug/l	94
11) Methyl Iodide	4.601	142	274882	60.363	ug/l	92
12) Methyl Acetate	5.037	43	366919	49.045	ug/l	94
13) Acrolein	4.196	56	204924	230.627	ug/l	97
14) Acrylonitrile	5.731	53	566251	246.626	ug/l	98
15) Acetone	4.437	58	181978	244.802	ug/l	96
16) Carbon Disulfide	4.725	76	502923	49.132	ug/l	98
17) Allyl chloride	5.037	41	325035	49.760	ug/l	98
18) Methylene Chloride	5.290	84	217551	47.229	ug/l	90
19) trans-1,2-Dichloroethene	5.801	96	202657	49.517	ug/l	92
20) Diisopropyl ether	6.684	45	778024	50.371	ug/l	98
21) 1,1-Dichloroethane	6.584	63	400854	49.613	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	241597	51.452	ug/l	96
23) tert-Butyl Alcohol	5.525	59	166941	251.587	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	638706	50.585	ug/l	98
25) Chloroform	7.972	83	402983	50.863	ug/l	99
26) Cyclohexane	8.260	56	368379	51.014	ug/l #	93
29) 1,1-Dichloropropene	8.378	75	307362	51.498	ug/l	98
30) 2-Butanone	7.489	43	878794	252.429	ug/l	98
31) 2,2-Dichloropropane	7.495	77	307608	49.316	ug/l #	62
32) 1,1,1-Trichloroethane	8.172	97	344419	49.709	ug/l	98
33) Carbon Tetrachloride	8.372	117	298993	49.803	ug/l	97
34) Benzene	8.613	78	934694	49.055	ug/l	99
35) Methacrylonitrile	7.784	41	189537	49.912	ug/l	95
36) 1,2-Dichloroethane	8.678	62	309137	48.471	ug/l	99
37) Trichloroethene	9.354	130	222343	50.177	ug/l	96
38) Methylcyclohexane	9.607	83	377715	50.290	ug/l	99
39) 1,2-Dichloropropane	9.625	63	242746	49.022	ug/l	96
40) Dibromomethane	9.713	93	156194	49.459	ug/l	95
41) Bromodichloromethane	9.889	83	318030	50.204	ug/l	98
42) Vinyl Acetate	6.613	43	2608444	258.538	ug/l	100

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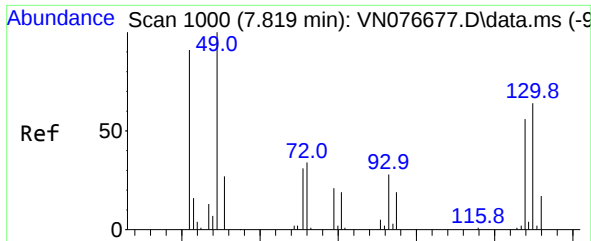
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	329762	49.717	ug/l	99
44) Isopropyl Acetate	8.695	43	546838	50.085	ug/l	99
45) 1,4-Dioxane	9.695	88	91131	986.196	ug/l	95
46) Methyl methacrylate	9.683	41	255561	50.991	ug/l	100
47) n-amyl Acetate	12.495	43	514464	53.359	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	335559	52.227	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	369429	50.518	ug/l	98
50) 1,1,2-Trichloroethane	11.019	97	225961	49.220	ug/l	99
51) Ethyl methacrylate	10.878	69	356569	53.496	ug/l	97
52) 1,3-Dichloropropane	11.166	76	393124	49.809	ug/l	98
53) Dibromochloromethane	11.360	129	245919	52.148	ug/l	98
54) 1,2-Dibromoethane	11.472	107	231061	51.701	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	779260	263.719	ug/l	99
56) Bromoform	12.577	173	176153	54.238	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	1738241	245.477	ug/l	98
59) 2-Hexanone	11.195	43	1306210	247.997	ug/l	99
61) Tetrachloroethene	11.107	164	186847	49.698	ug/l	96
62) Toluene	10.630	91	1013483	48.710	ug/l	100
64) Chlorobenzene	11.895	112	624881	50.409	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.966	131	225747	49.677	ug/l	97
66) Ethyl Benzene	11.966	91	1127619	50.978	ug/l	97
67) m/p-Xylenes	12.072	106	892191	103.145	ug/l	99
68) o-Xylene	12.401	106	440464	51.673	ug/l	95
69) Styrene	12.413	104	727553	53.165	ug/l	98
70) Isopropylbenzene	12.695	105	1139240	52.387	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	352972	49.612	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	424244	67.692	ug/l	72
73) Bromobenzene	12.983	156	264483	52.414	ug/l	97
74) n-propylbenzene	13.036	91	1352459	52.218	ug/l	97
75) 2-Chlorotoluene	13.124	91	782648	50.782	ug/l	97
76) 1,3,5-Trimethylbenzene	13.177	105	949828	52.371	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	104450	51.872	ug/l	97
78) 4-Chlorotoluene	13.224	91	763147	51.652	ug/l	98
79) tert-butylbenzene	13.442	119	863237	53.757	ug/l	96
80) 1,2,4-Trimethylbenzene	13.483	105	964641	53.564	ug/l	99
81) sec-Butylbenzene	13.619	105	1228256	53.263	ug/l	98
82) p-Isopropyltoluene	13.730	119	1013739	54.223	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	507439	52.630	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	490337	52.140	ug/l	96
85) n-Butylbenzene	14.060	91	877806	55.397	ug/l	97
86) Hexachloroethane	14.336	117	187141	51.707	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	515090	53.131	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	66614	50.510	ug/l	86
89) 1,2,4-Trichlorobenzene	15.395	180	279782	56.571	ug/l	99
90) Hexachlorobutadiene	15.501	225	128186	53.801	ug/l	97
91) Naphthalene	15.642	128	914424	57.503	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	274931	54.768	ug/l	99

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

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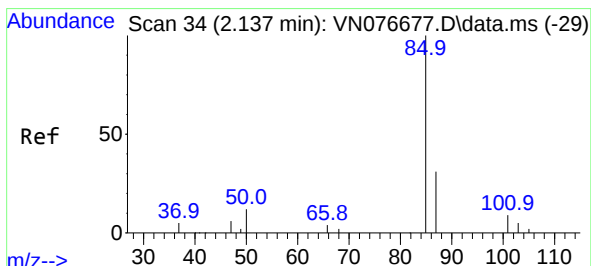
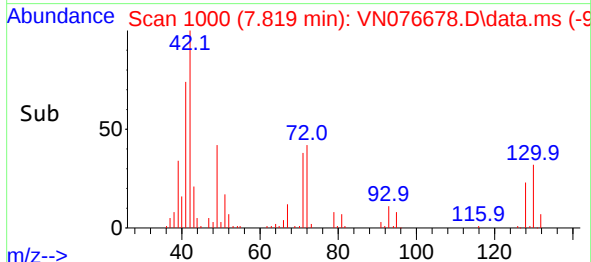
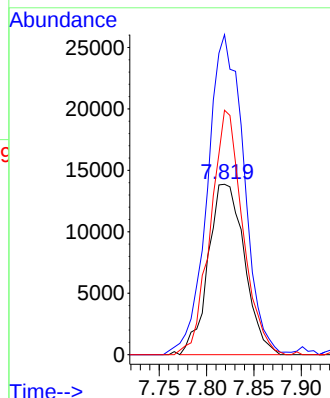
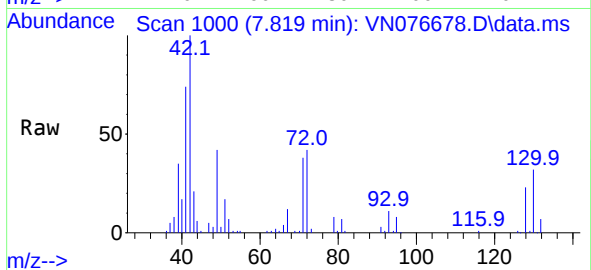




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

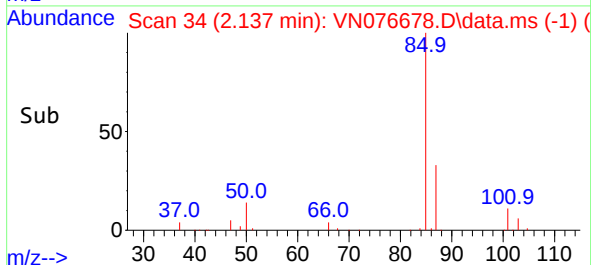
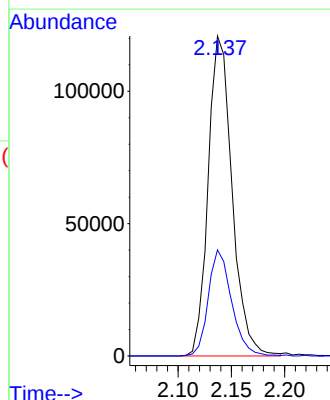
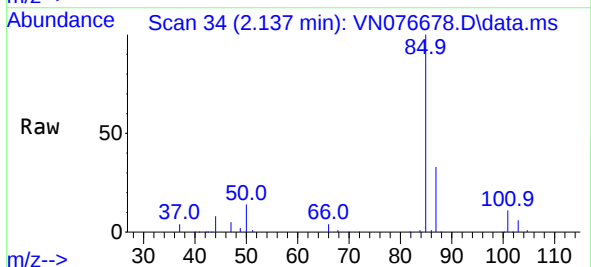
Instrument :
MSVOA_N
ClientSampleId :

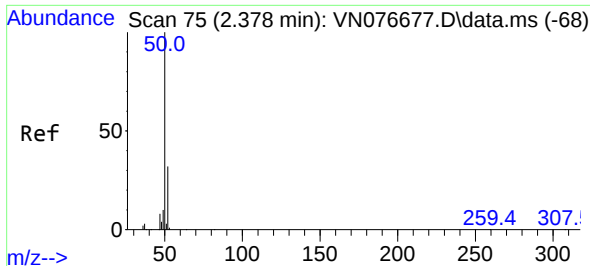
Tgt Ion:128 Resp: 36978
Ion Ratio Lower Upper
128 100
49 188.5 0.0 461.8
130 127.5 0.0 295.3



#2
Dichlorodifluoromethane
Concen: 48.365 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 85 Resp: 189262
Ion Ratio Lower Upper
85 100
87 33.1 15.4 46.1

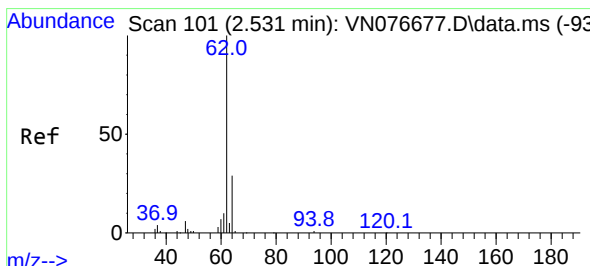
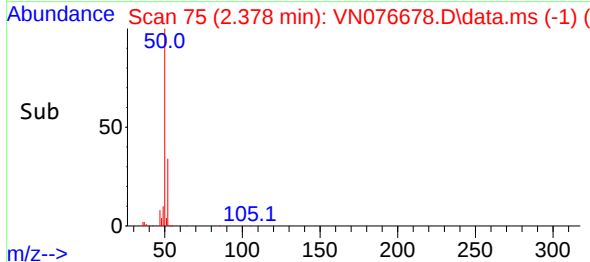
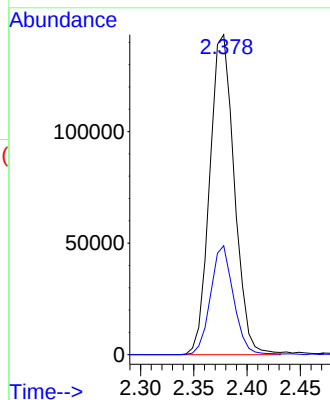
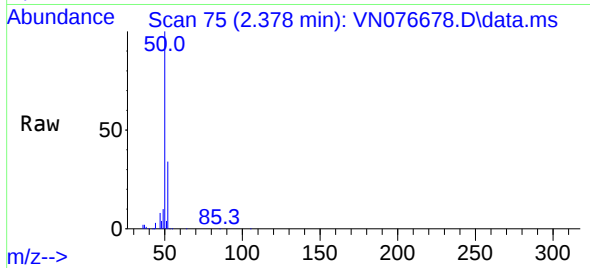




#3
Chloromethane
Concen: 48.016 ug/l
RT: 2.378 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

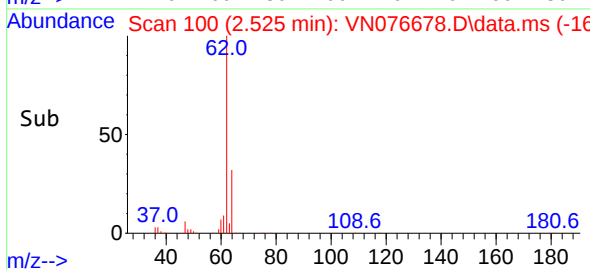
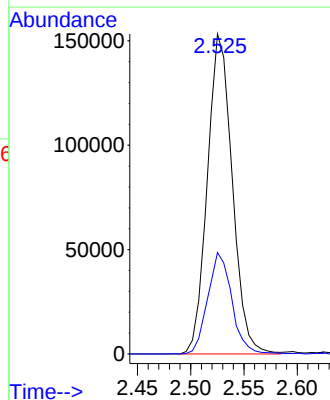
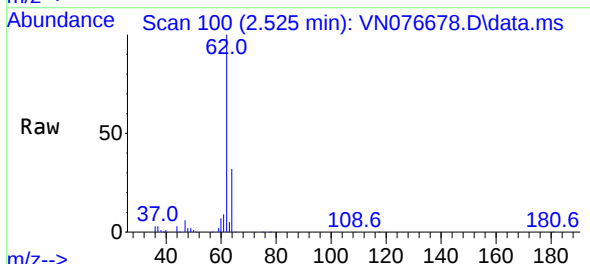
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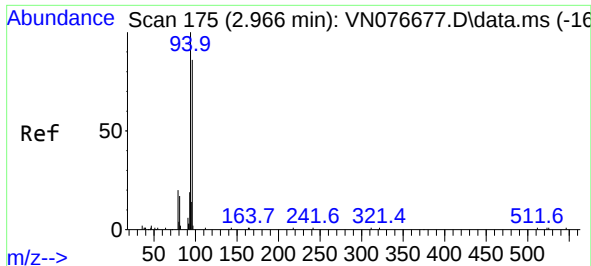
Tgt Ion: 50 Resp: 230720
Ion Ratio Lower Upper
50 100
52 34.1 25.3 37.9



#4
Vinyl Chloride
Concen: 48.617 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

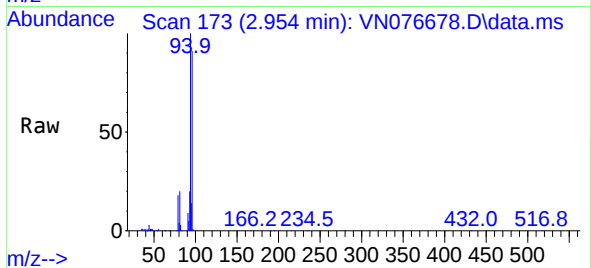
Tgt Ion: 62 Resp: 249336
Ion Ratio Lower Upper
62 100
64 31.7 23.1 34.7



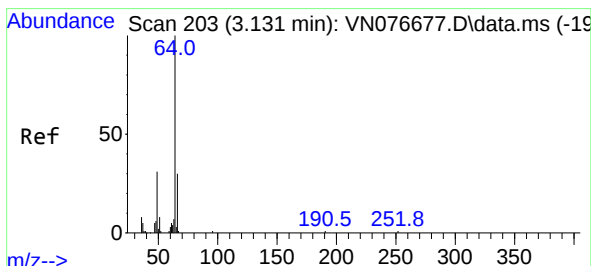
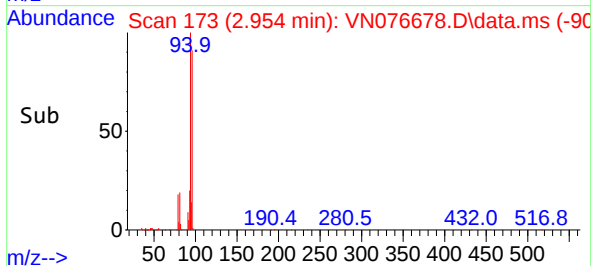
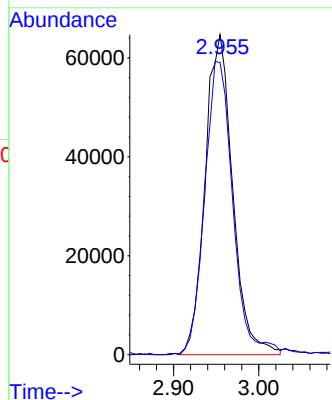


#5
Bromomethane
Concen: 41.025 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

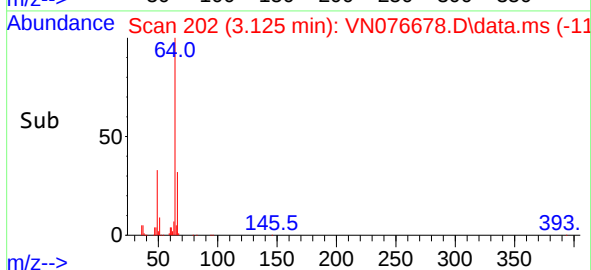
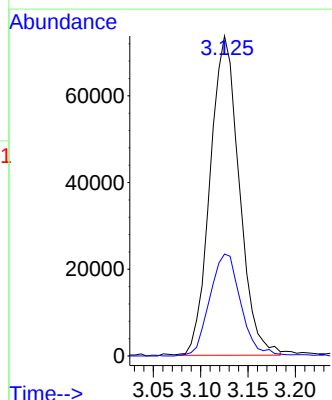
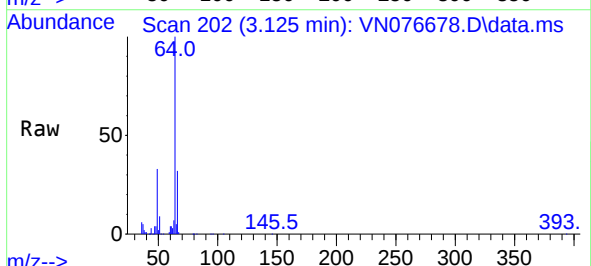


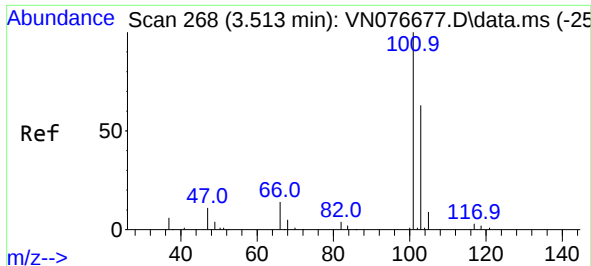
Tgt Ion: 94 Resp: 145265
Ion Ratio Lower Upper
94 100
96 90.9 68.6 103.0



#6
Chloroethane
Concen: 47.429 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 64 Resp: 157741
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6

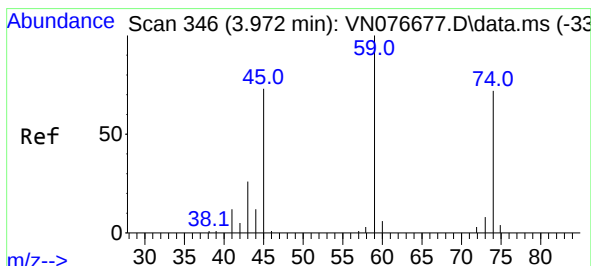
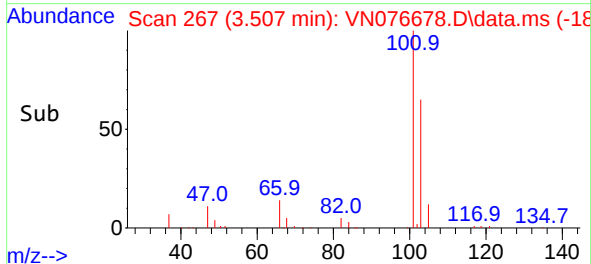
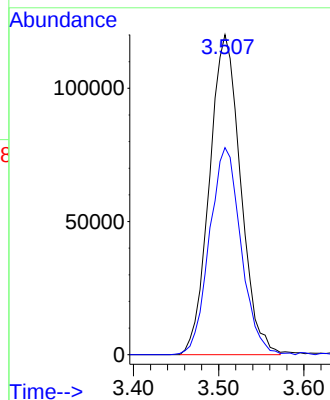
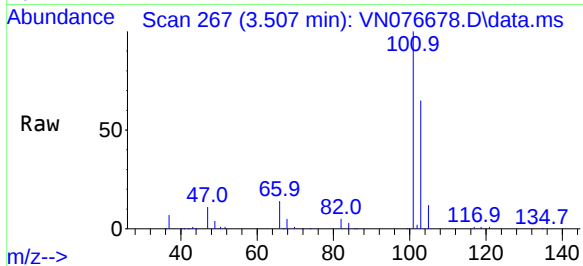




#7
Trichlorofluoromethane
Concen: 47.664 ug/l
RT: 3.507 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

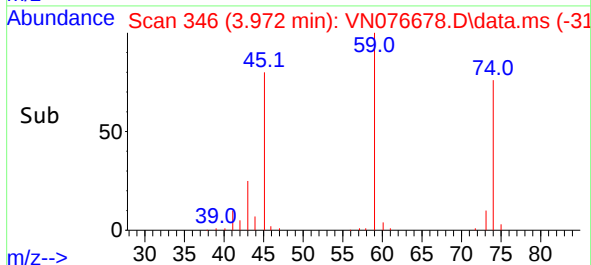
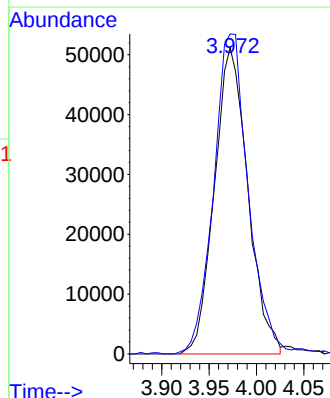
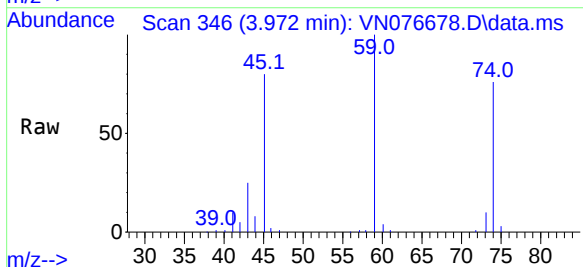
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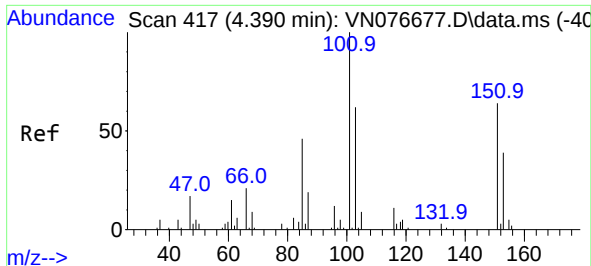
Tgt Ion:101 Resp: 304725
Ion Ratio Lower Upper
101 100
103 64.3 50.2 75.2



#8
Diethyl Ether
Concen: 49.571 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 74 Resp: 125744
Ion Ratio Lower Upper
74 100
45 108.1 21.4 193.0

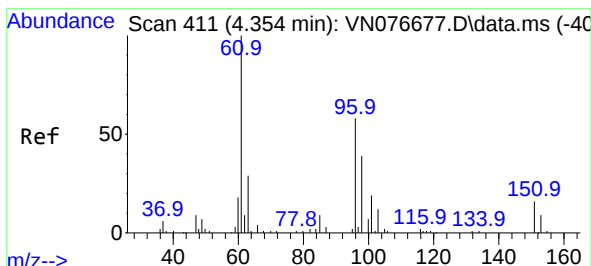
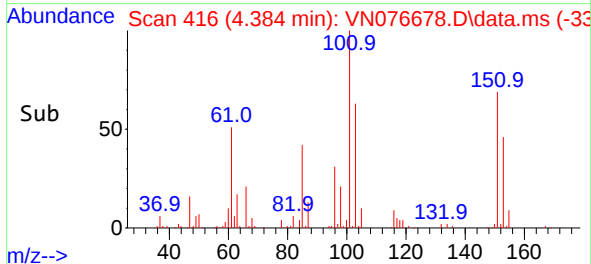
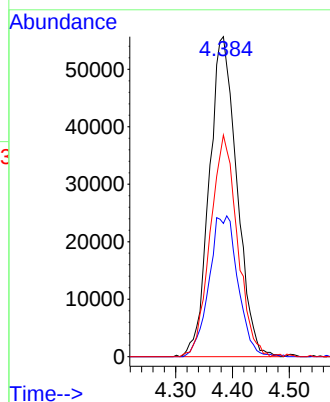
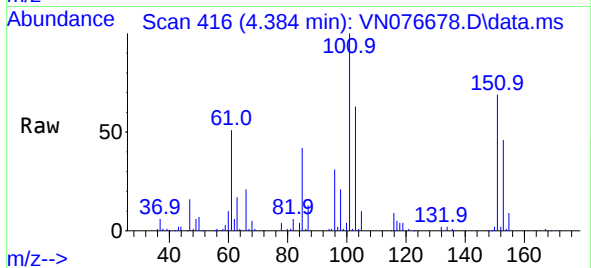




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.341 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

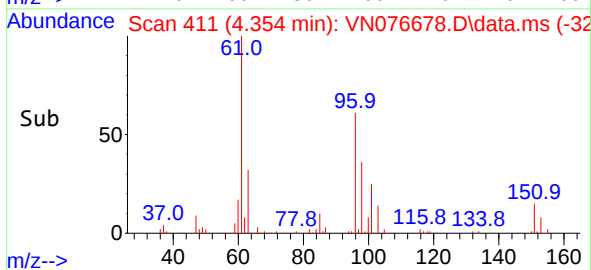
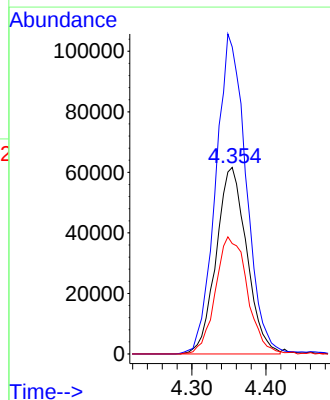
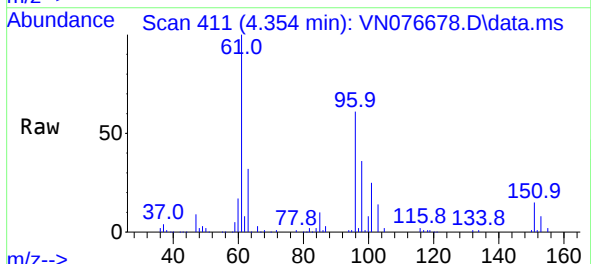
Instrument :
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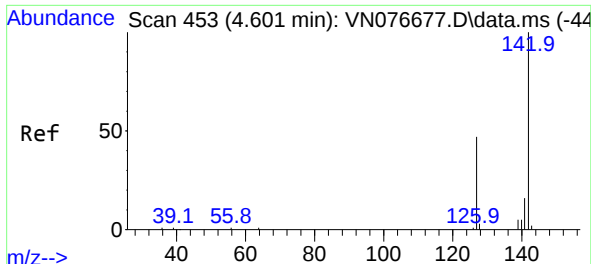
Tgt Ion:101 Resp: 187830
Ion Ratio Lower Upper
101 100
85 24.8 0.0 95.2
151 68.1 0.0 142.2



#10
1,1-Dichloroethene
Concen: 48.334 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

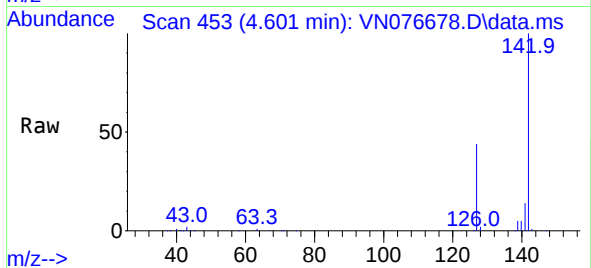
Tgt Ion: 96 Resp: 176382
Ion Ratio Lower Upper
96 100
61 164.3 137.1 205.7
98 59.2 53.2 79.8



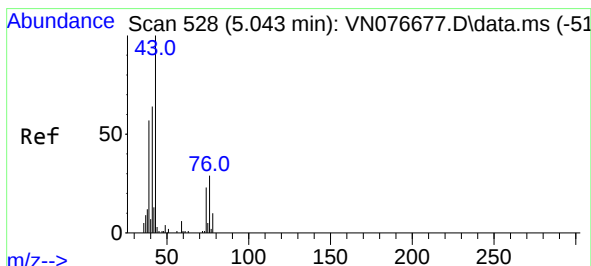
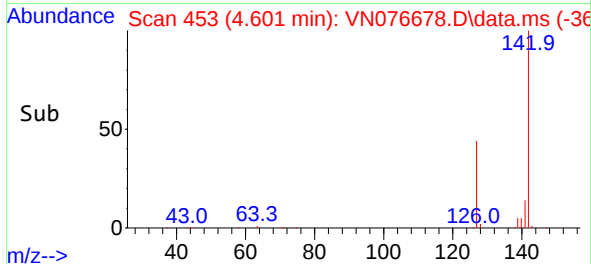
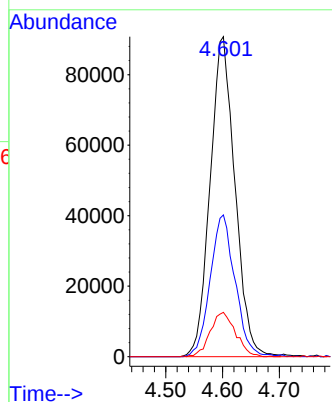


#11
Methyl Iodide
Concen: 60.363 ug/l
RT: 4.601 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

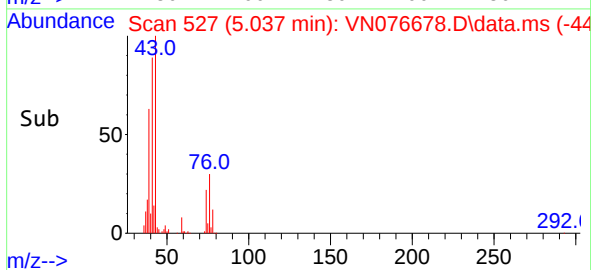
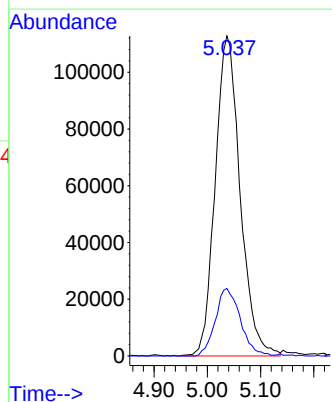
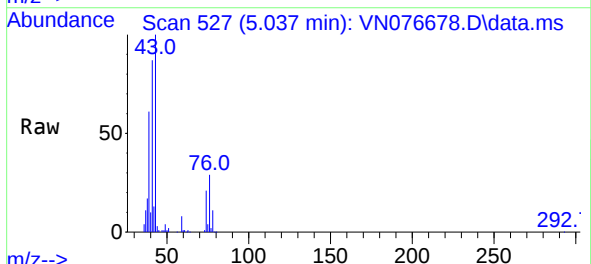


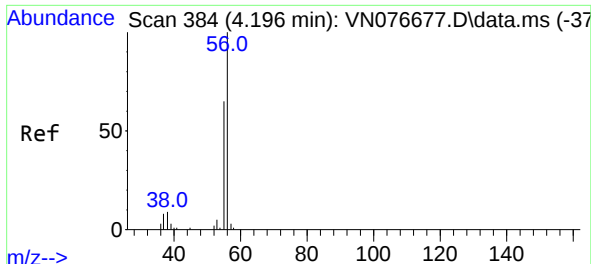
Tgt Ion:142 Resp: 274882
Ion Ratio Lower Upper
142 100
127 44.1 25.0 75.0
141 13.9 8.0 24.0



#12
Methyl Acetate
Concen: 49.045 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

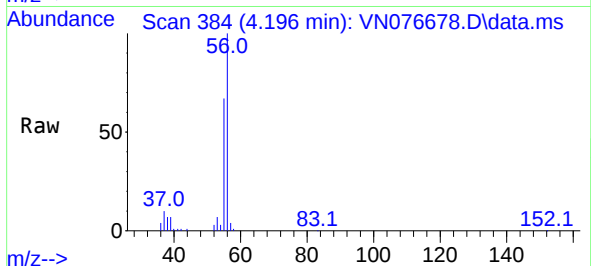
Tgt Ion: 43 Resp: 366919
Ion Ratio Lower Upper
43 100
74 20.8 19.0 28.4



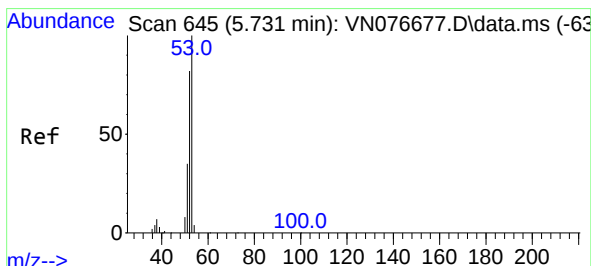
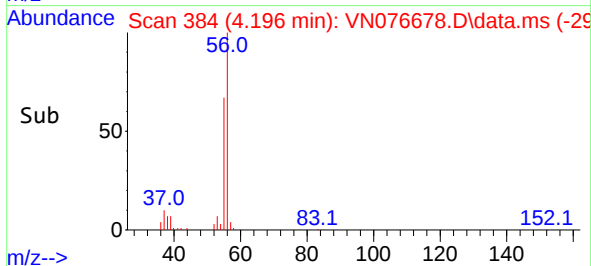
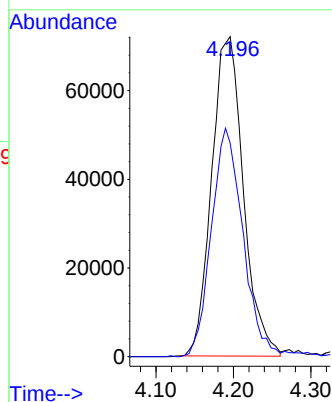


#13
Acrolein
Concen: 230.627 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

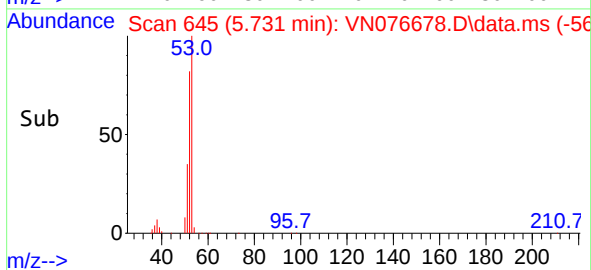
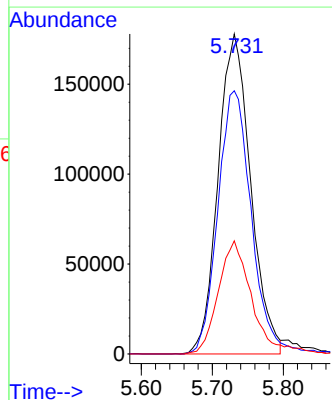
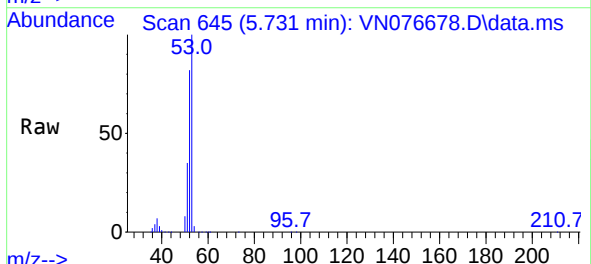


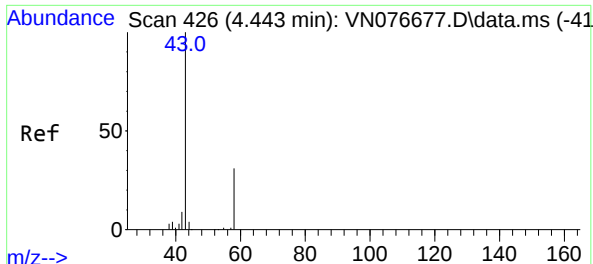
Tgt Ion: 56 Resp: 204924
Ion Ratio Lower Upper
56 100
55 70.8 55.0 82.4



#14
Acrylonitrile
Concen: 246.626 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 53 Resp: 566251
Ion Ratio Lower Upper
53 100
52 84.8 41.5 124.6
51 35.9 17.6 52.8





#15

Acetone

Concen: 244.802 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

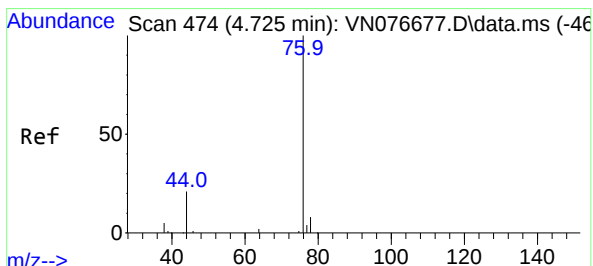
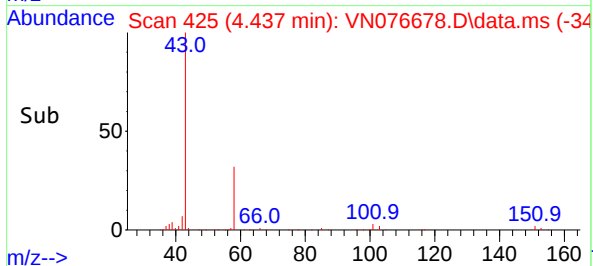
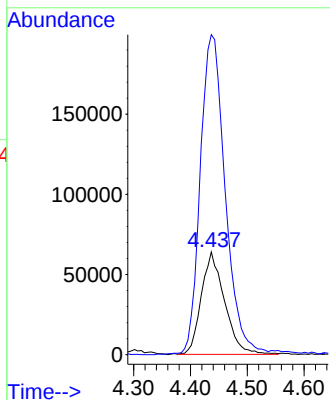
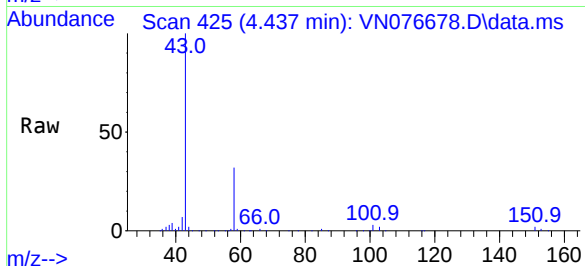
ClientSampleId :

Tgt Ion: 58 Resp: 181978

Ion Ratio Lower Upper

58 100

43 311.1 255.4 383.0



#16

Carbon Disulfide

Concen: 49.132 ug/l

RT: 4.725 min Scan# 474

Delta R.T. 0.000 min

Lab File: VN076678.D

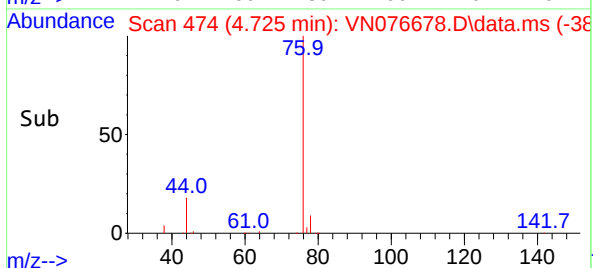
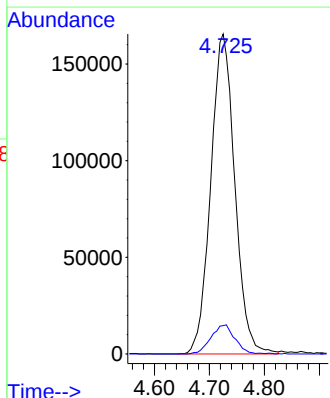
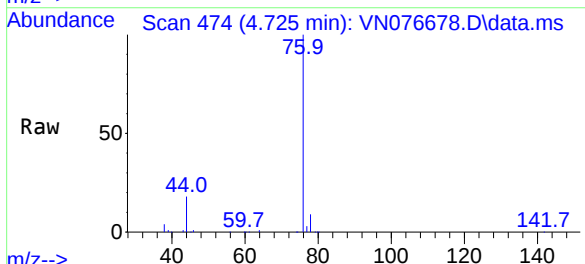
Acq: 15 Feb 2023 11:11

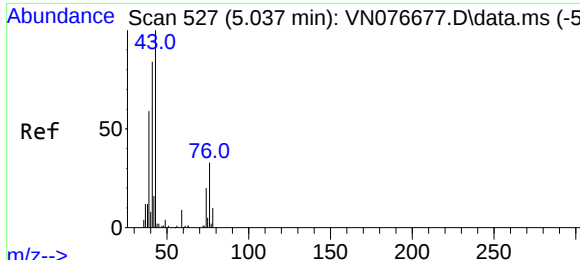
Tgt Ion: 76 Resp: 502923

Ion Ratio Lower Upper

76 100

78 8.8 6.6 9.8



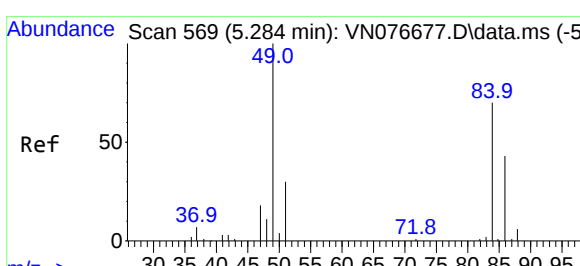
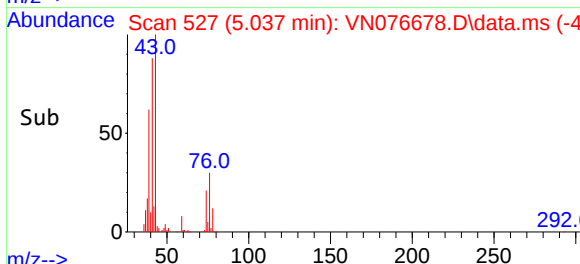
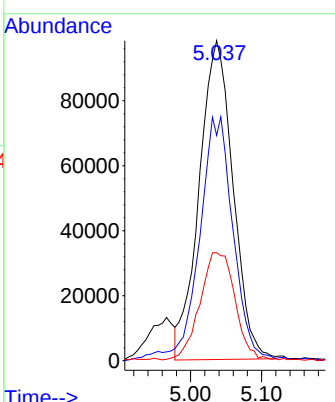
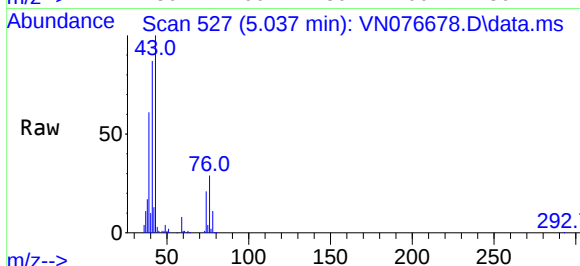


#17
 Allyl chloride
 Concen: 49.760 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

Instrument : MSVOA_N
 ClientSampleId :

Tgt Ion: 41 Resp: 325035

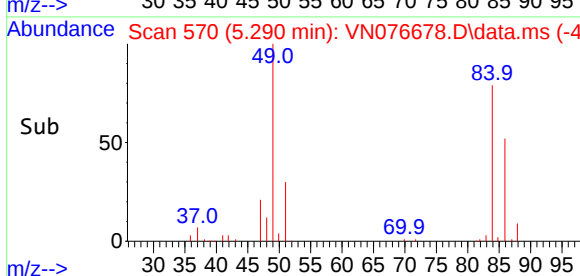
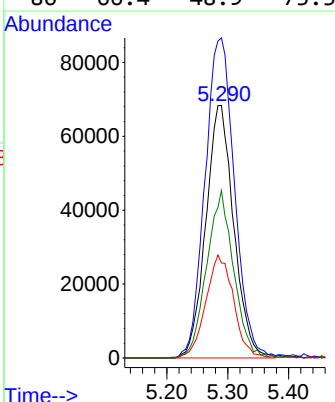
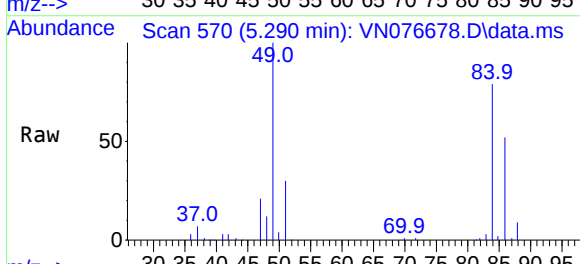
Ion	Ratio	Lower	Upper
41	100		
39	70.7	34.8	104.3
76	33.6	17.5	52.5

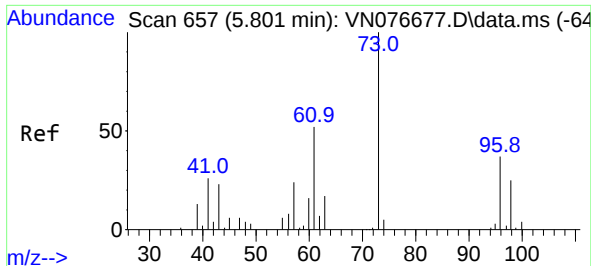


#18
 Methylene Chloride
 Concen: 47.229 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

Tgt Ion: 84 Resp: 217551

Ion	Ratio	Lower	Upper
84	100		
49	126.7	113.8	170.6
51	37.4	34.2	51.4
86	66.4	48.9	73.3





#19

trans-1,2-Dichloroethene

Concen: 49.517 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

ClientSampleId :

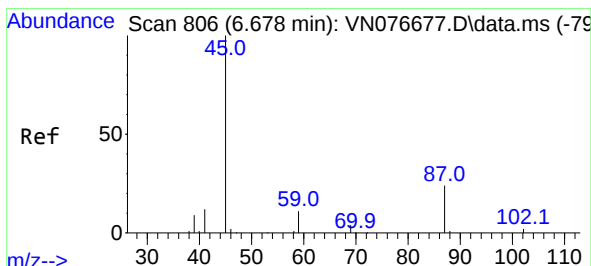
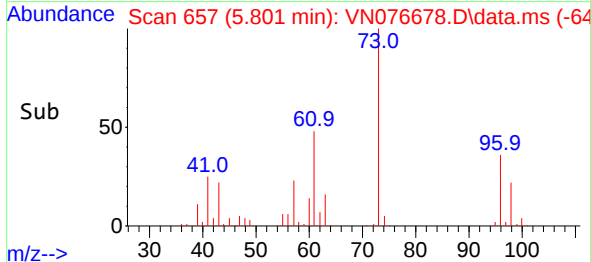
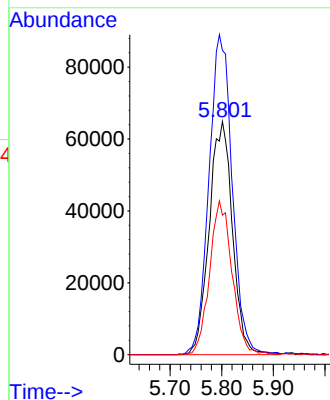
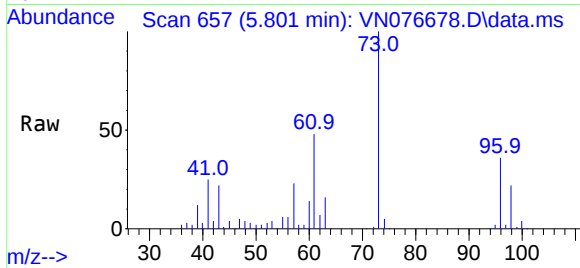
Tgt Ion: 96 Resp: 202657

Ion Ratio Lower Upper

96 100

61 130.1 111.0 166.4

98 59.8 55.0 82.6



#20

Diisopropyl ether

Concen: 50.371 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Tgt Ion: 45 Resp: 778024

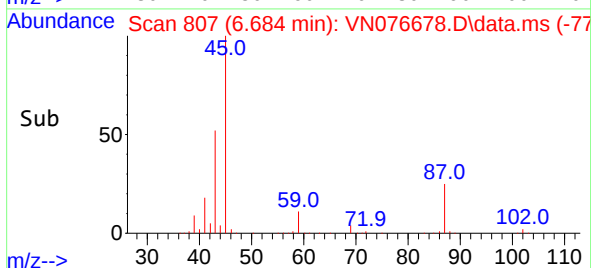
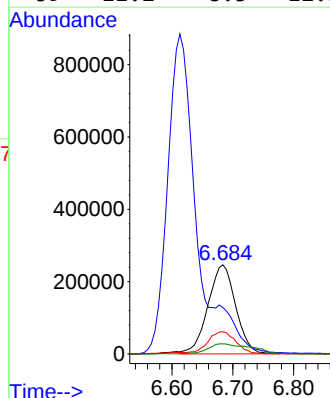
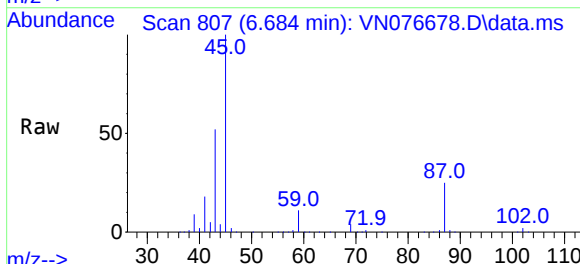
Ion Ratio Lower Upper

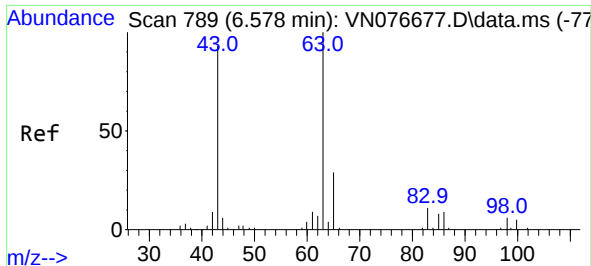
45 100

43 50.9 38.6 58.0

87 25.1 20.1 30.1

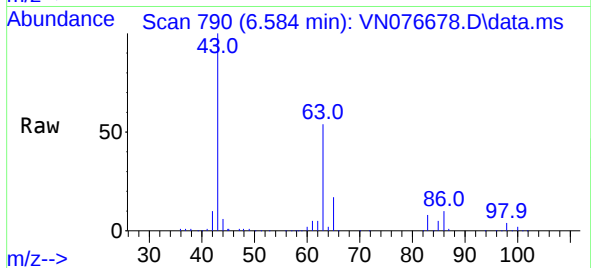
59 11.2 8.3 12.5



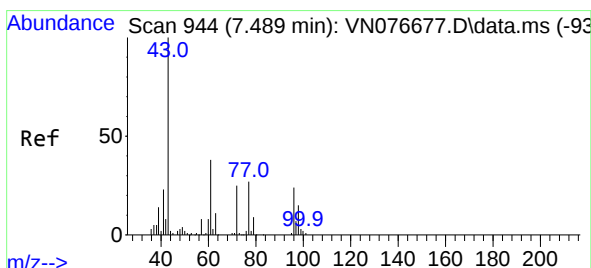
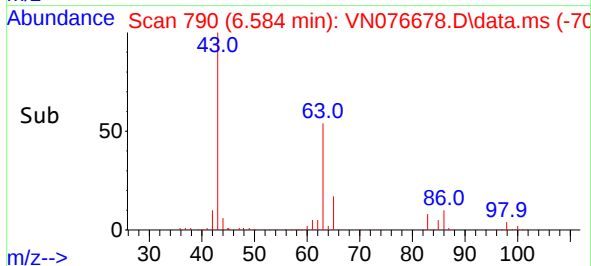
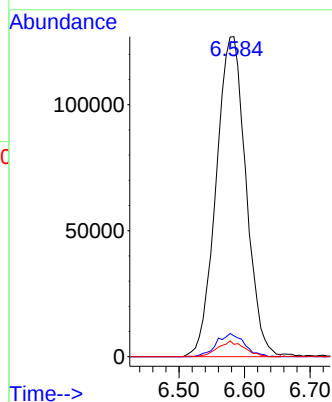


#21
1,1-Dichloroethane
Concen: 49.613 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

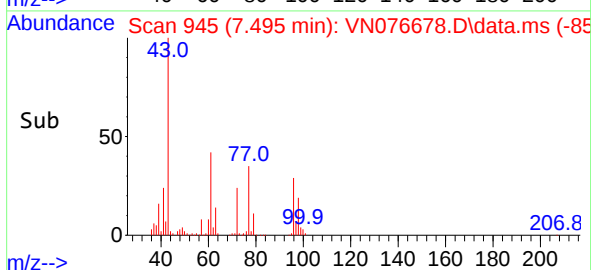
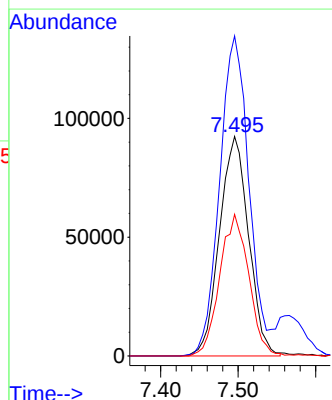
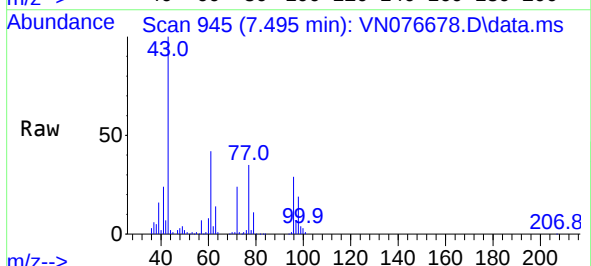


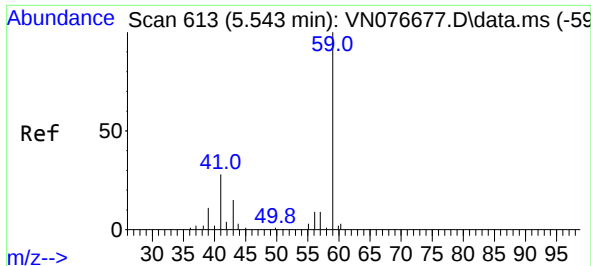
Tgt Ion: 63 Resp: 400854
Ion Ratio Lower Upper
63 100
98 6.5 3.6 10.9
100 3.8 2.6 7.8



#22
cis-1,2-Dichloroethene
Concen: 51.452 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 96 Resp: 241597
Ion Ratio Lower Upper
96 100
61 145.0 121.0 181.4
98 64.2 50.1 75.1

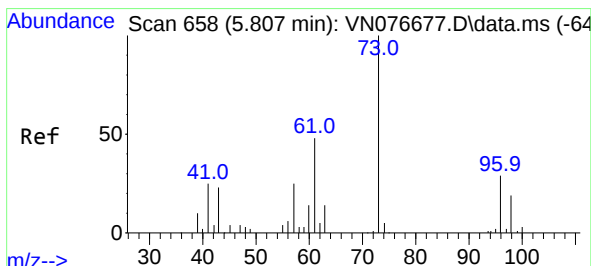
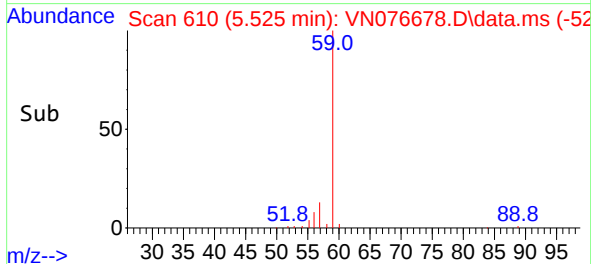
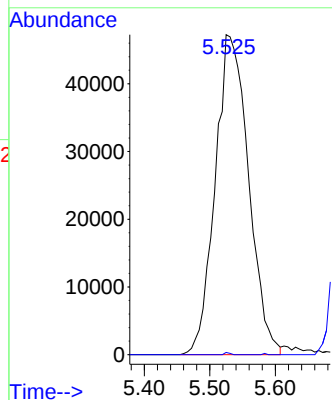
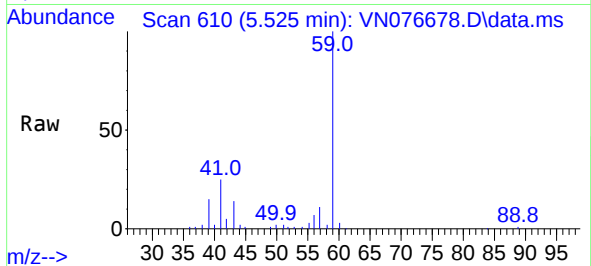




#23
tert-Butyl Alcohol
Concen: 251.587 ug/l
RT: 5.525 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

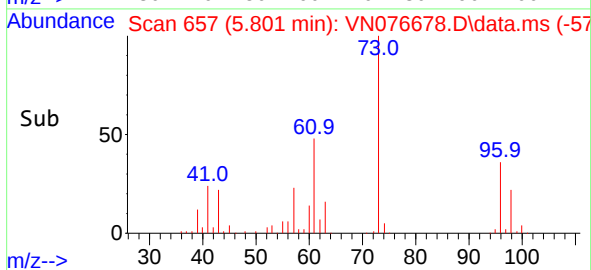
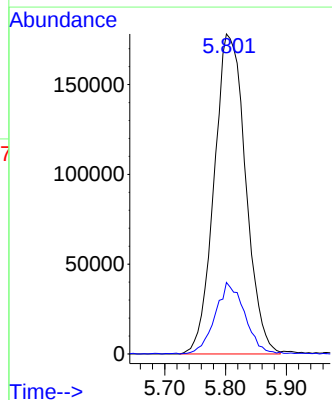
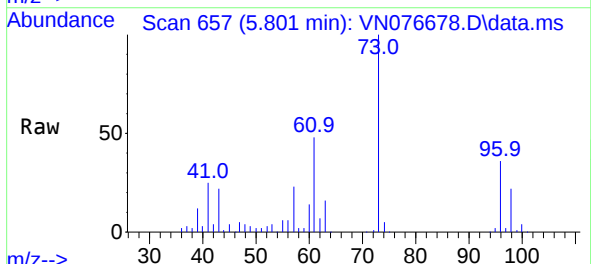
Instrument :
MSVOA_N
ClientSampleId :

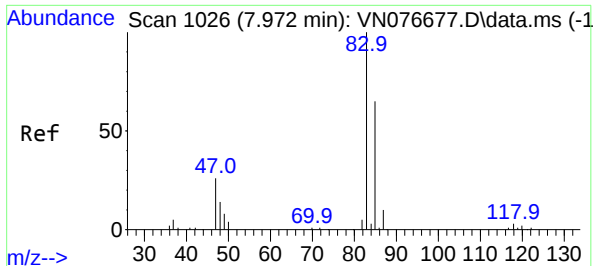
Tgt Ion: 59 Resp: 166941
Ion Ratio Lower Upper
59 100
52 0.1 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 50.585 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 73 Resp: 638706
Ion Ratio Lower Upper
73 100
43 21.1 17.8 26.6





#25

Chloroform

Concen: 50.863 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

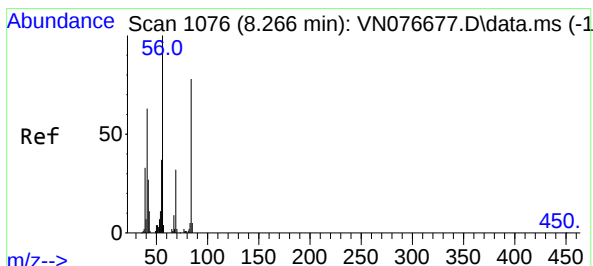
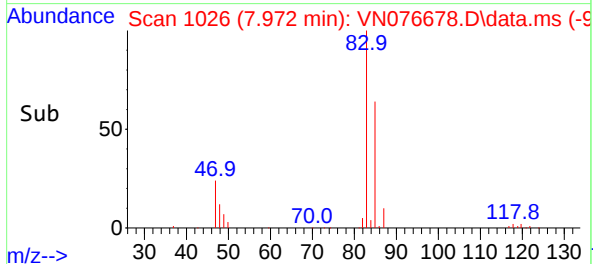
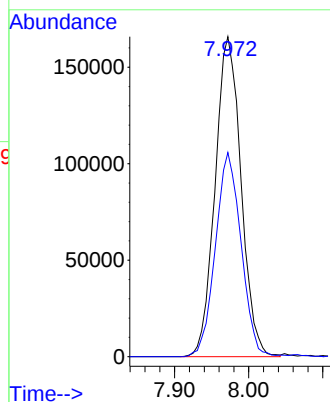
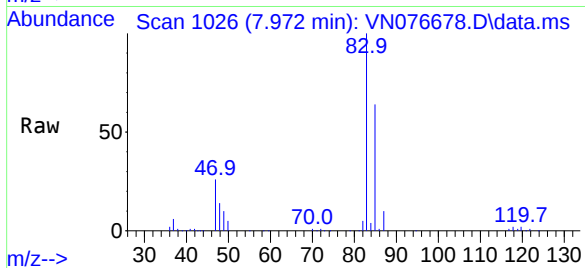
ClientSampleId :

Tgt Ion: 83 Resp: 402983

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6



#26

Cyclohexane

Concen: 51.014 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.006 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

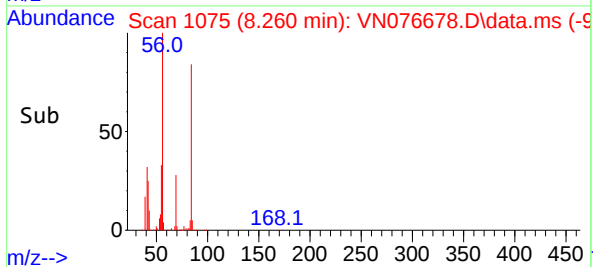
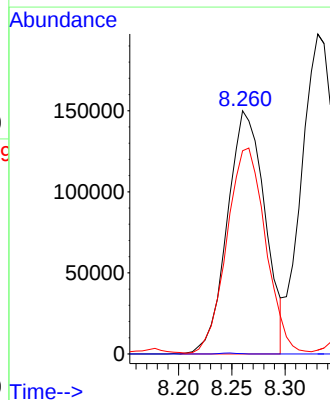
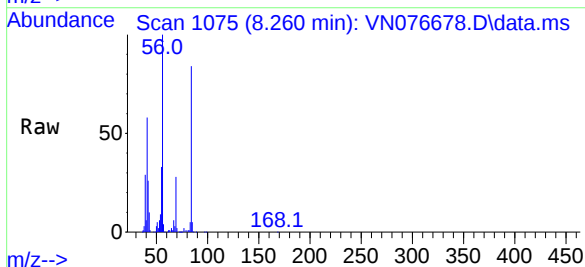
Tgt Ion: 56 Resp: 368379

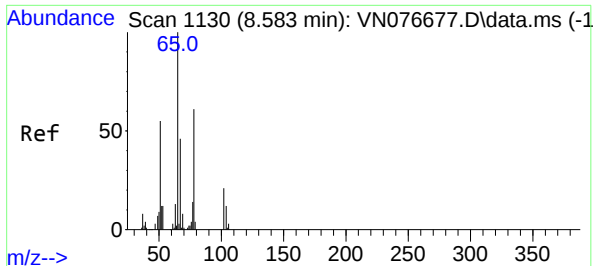
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 87.8 65.3 97.9

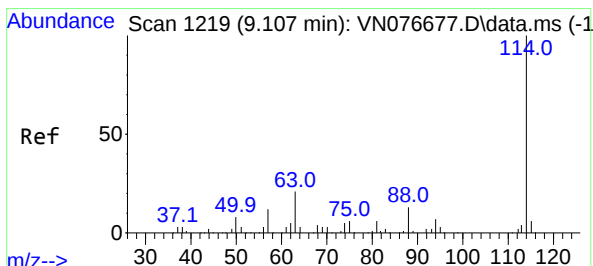
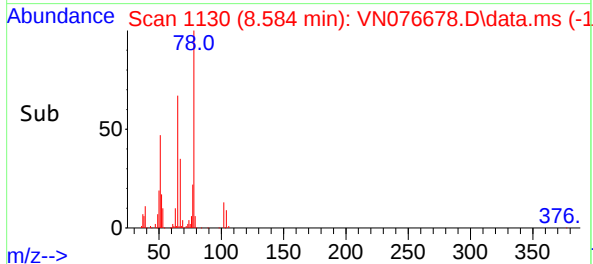
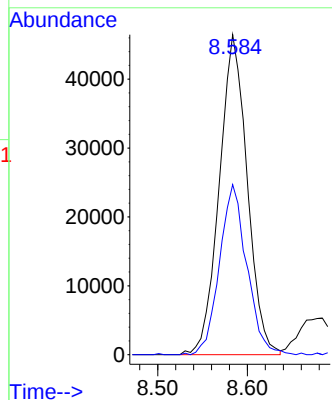
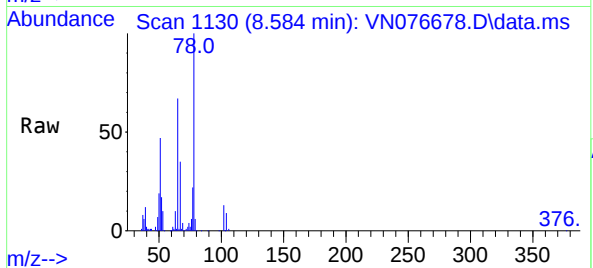




#27
1,2-Dichloroethane-d4
Concen: 29.702 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

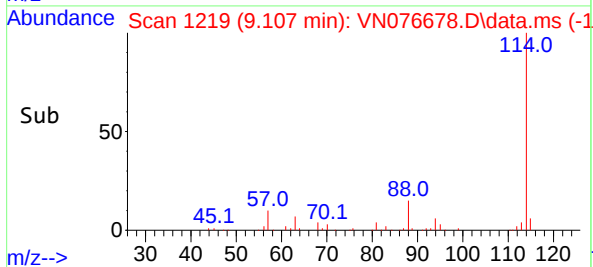
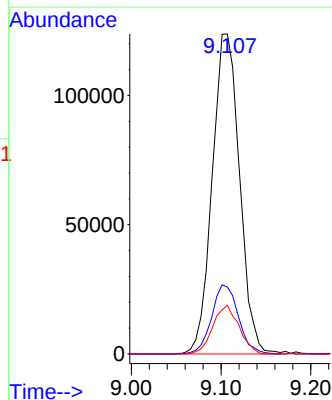
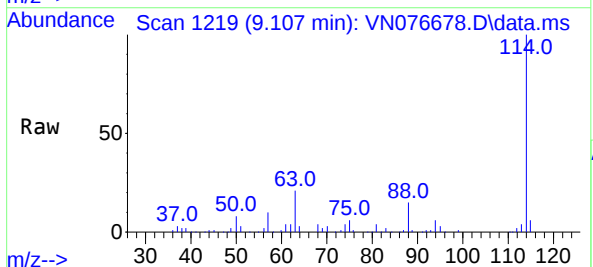
Instrument :
MSVOA_N
ClientSampleId :

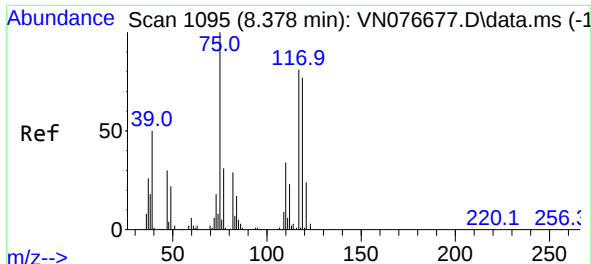
Tgt Ion: 65 Resp: 100453
Ion Ratio Lower Upper
65 100
67 51.9 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

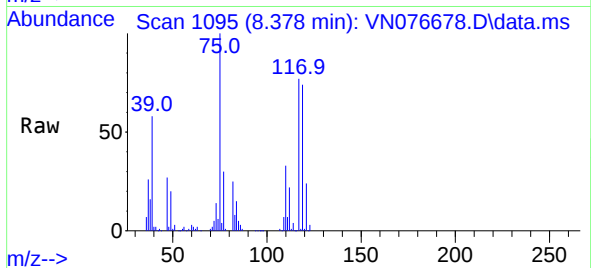
Tgt Ion: 114 Resp: 261648
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 14.5 11.6 17.4



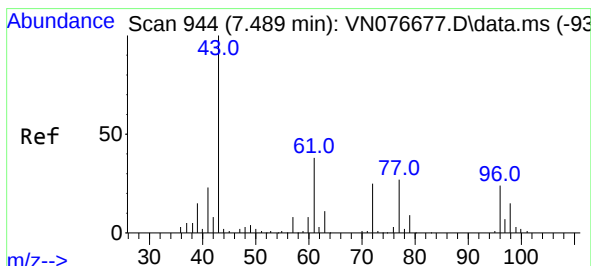
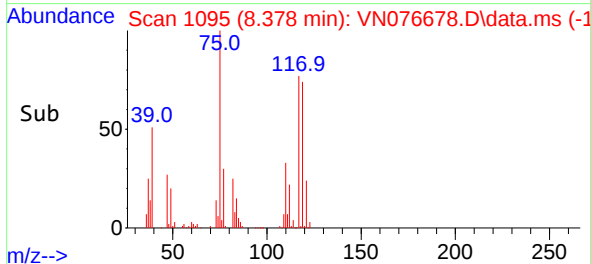
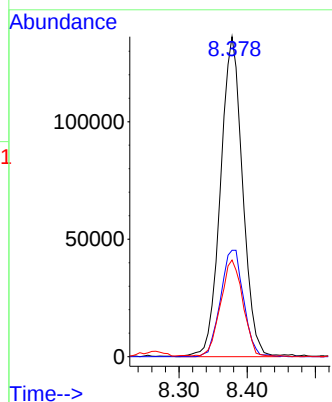


#29
1,1-Dichloropropene
Concen: 51.498 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

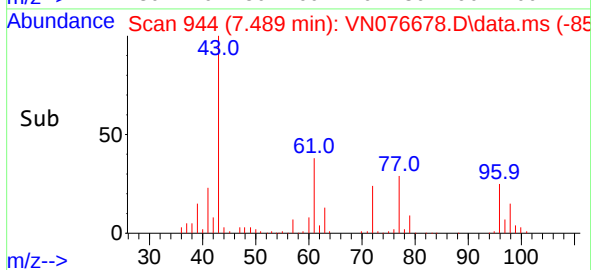
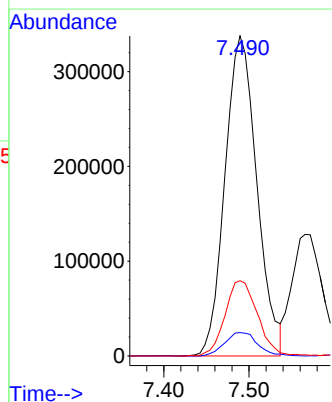
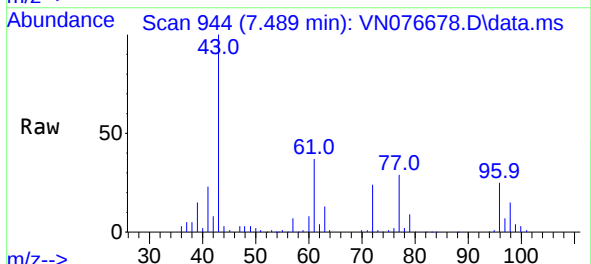


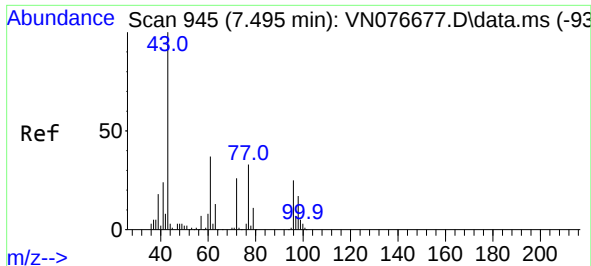
Tgt Ion: 75 Resp: 307362
Ion Ratio Lower Upper
75 100
110 34.4 0.0 67.2
77 30.4 0.0 64.4



#30
2-Butanone
Concen: 252.429 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 43 Resp: 878794
Ion Ratio Lower Upper
43 100
57 7.5 6.1 9.1
72 24.0 20.2 30.4





#31

2,2-Dichloropropane

Concen: 49.316 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

Instrument :

MSVOA_N

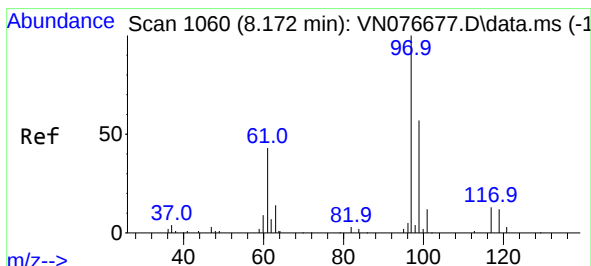
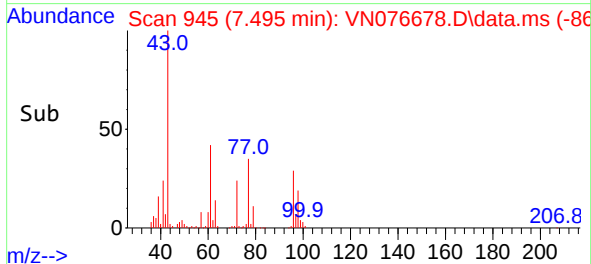
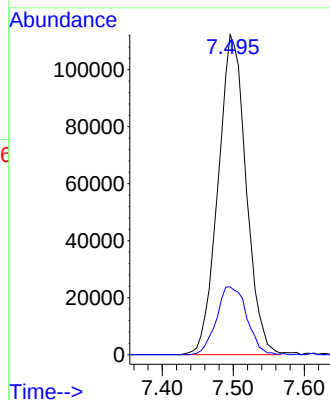
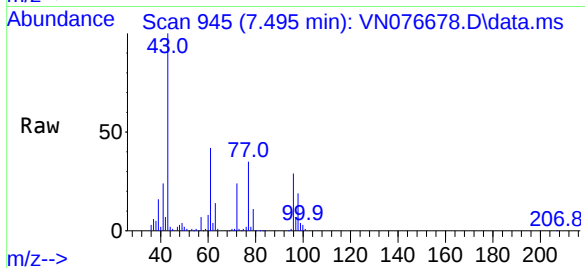
ClientSampleId :

Tgt Ion: 77 Resp: 307608

Ion Ratio Lower Upper

77 100

97 22.9 7.2 10.8#



#32

1,1,1-Trichloroethane

Concen: 49.709 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076678.D

Acq: 15 Feb 2023 11:11

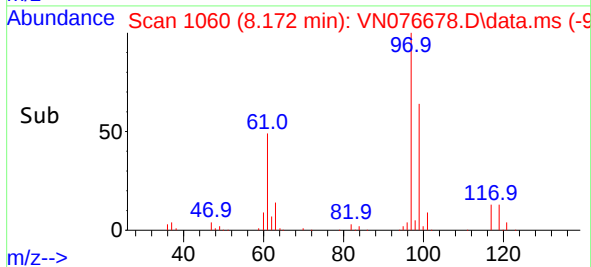
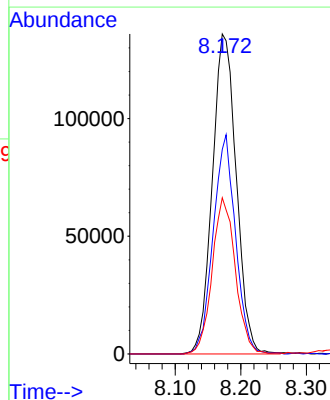
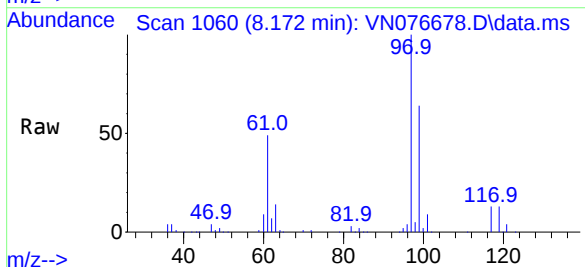
Tgt Ion: 97 Resp: 344419

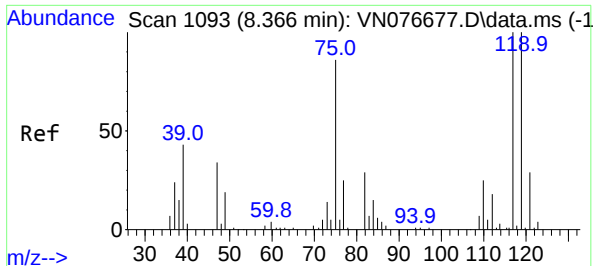
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

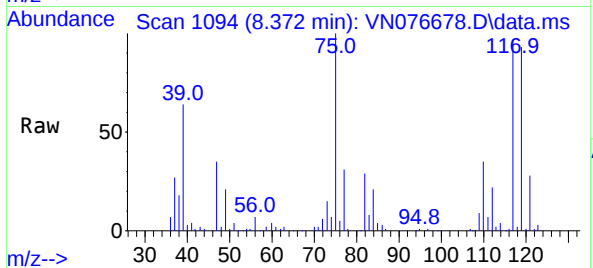
61 47.3 39.3 58.9



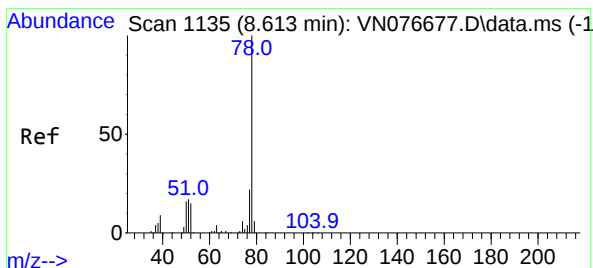
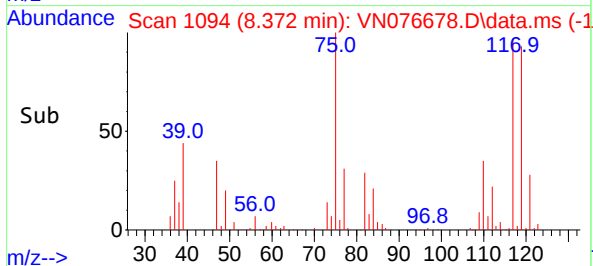
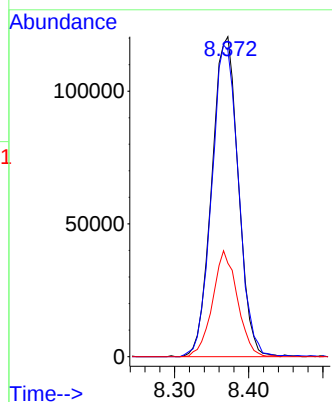


#33
Carbon Tetrachloride
Concen: 49.803 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

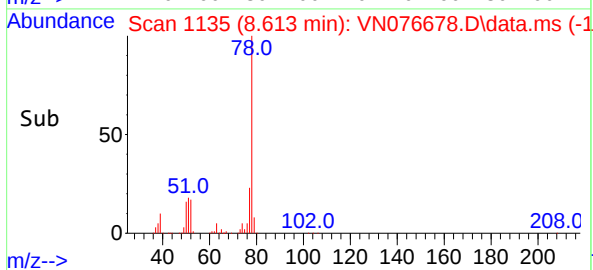
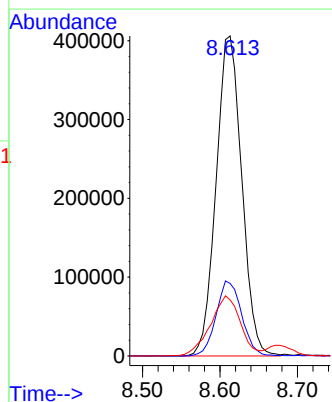
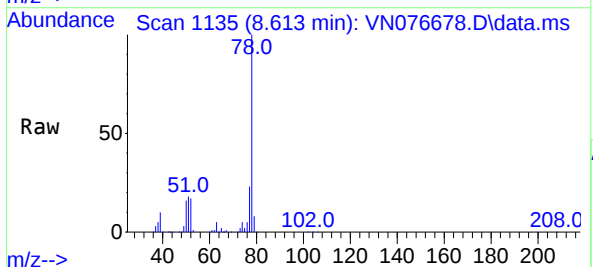


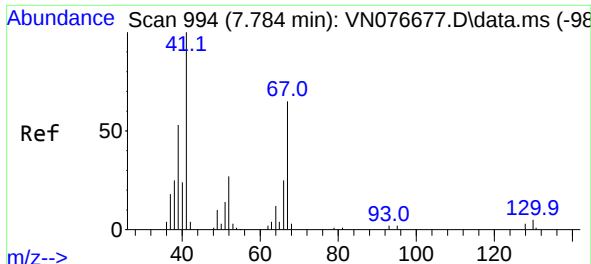
Tgt Ion:117 Resp: 298993
Ion Ratio Lower Upper
117 100
119 95.8 79.8 119.8
121 29.2 23.4 35.0



#34
Benzene
Concen: 49.055 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 78 Resp: 934694
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.2
51 17.3 13.8 20.6



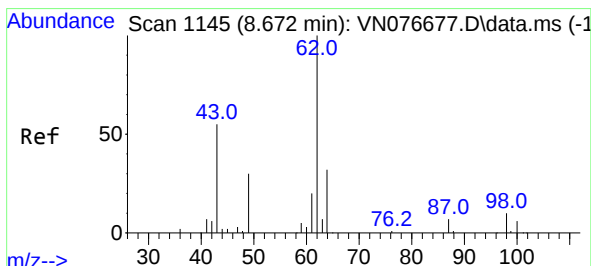
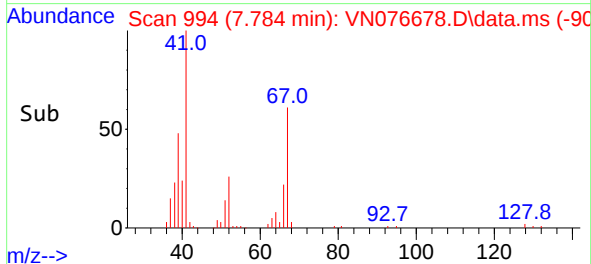
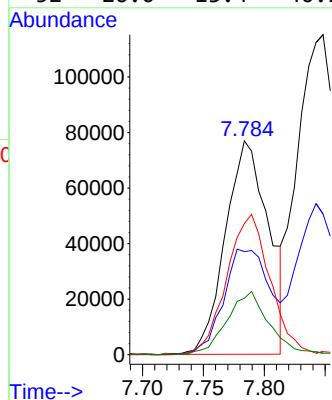
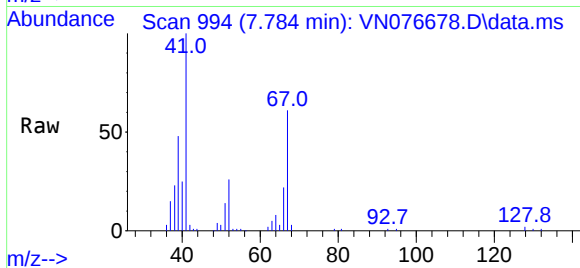


#35
Methacrylonitrile
Concen: 49.912 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 189537

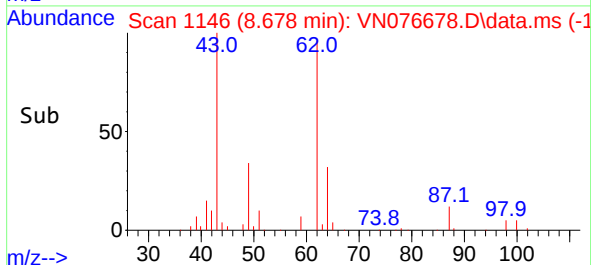
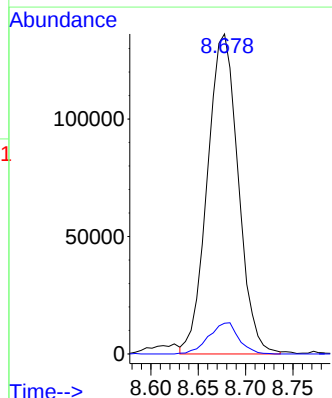
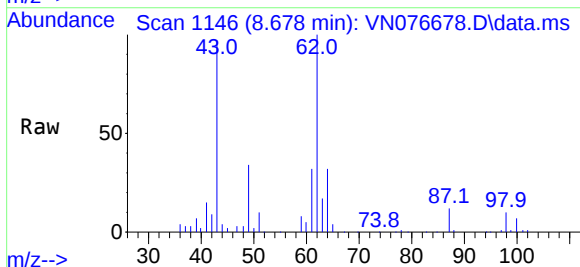
Ion	Ratio	Lower	Upper
41	100		
39	47.8	26.6	79.7
67	61.3	32.3	96.9
52	26.0	13.4	40.1

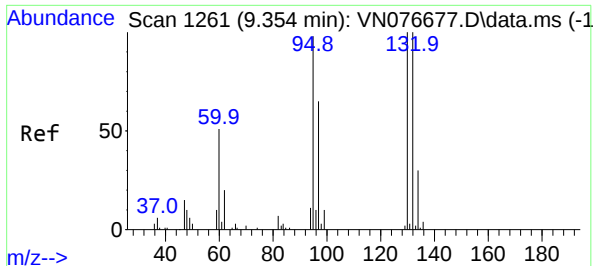


#36
1,2-Dichloroethane
Concen: 48.471 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 62 Resp: 309137

Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.4	11.0

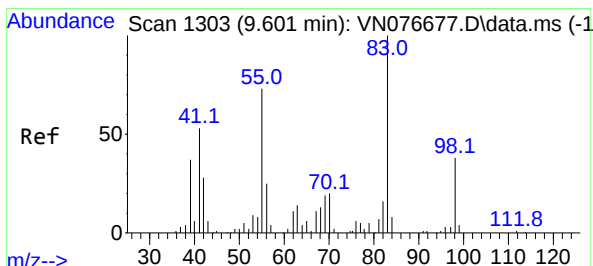
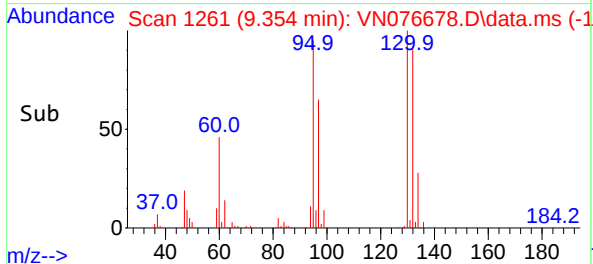
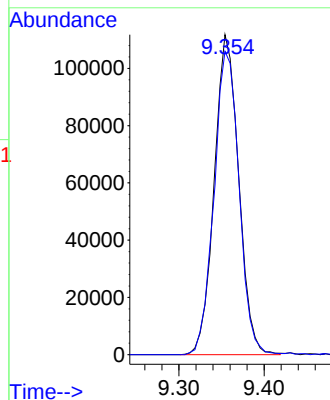
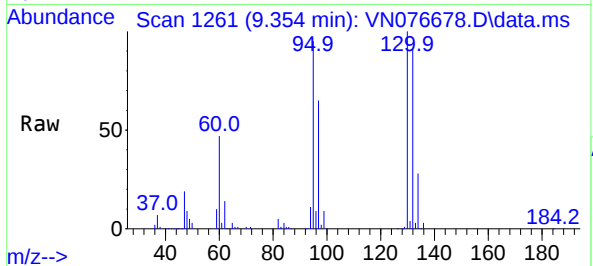




#37
Trichloroethene
Concen: 50.177 ug/l
RT: 9.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

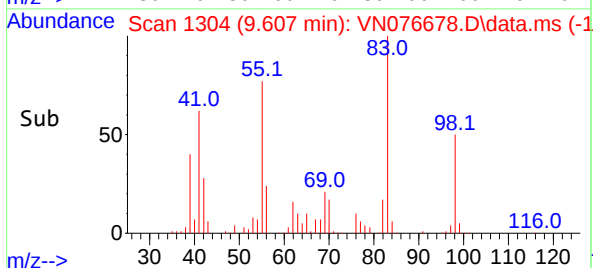
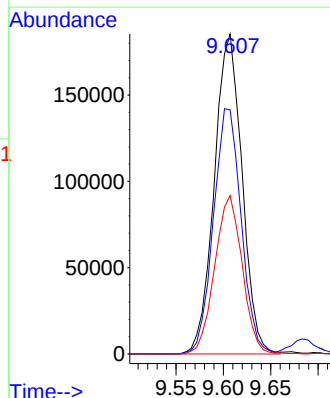
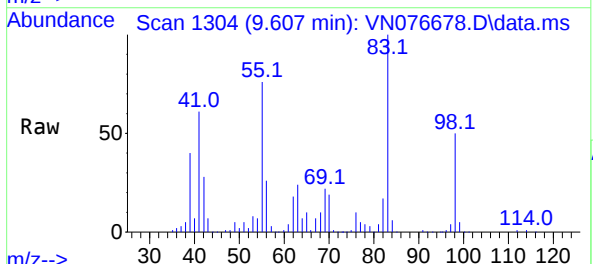
Instrument :
MSVOA_N
ClientSampleId :

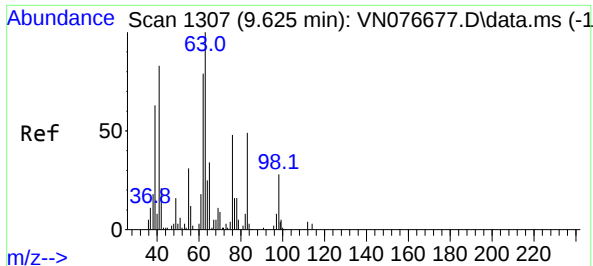
Tgt Ion:130 Resp: 222343
Ion Ratio Lower Upper
130 100
95 94.8 78.7 118.1



#38
Methylcyclohexane
Concen: 50.290 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 83 Resp: 377715
Ion Ratio Lower Upper
83 100
55 76.7 37.6 112.9
98 48.9 24.1 72.4

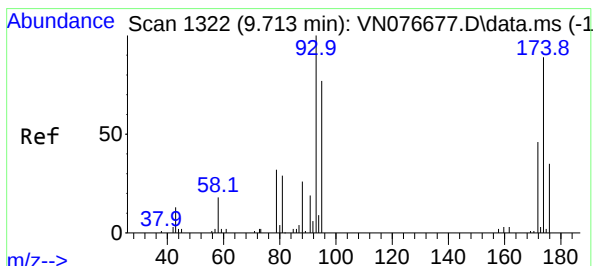
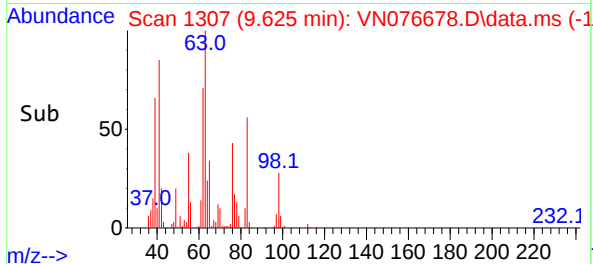
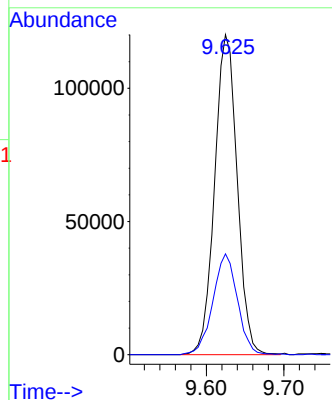
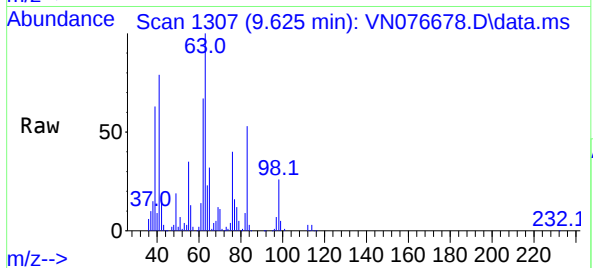




#39
1,2-Dichloropropane
Concen: 49.022 ug/l
RT: 9.625 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

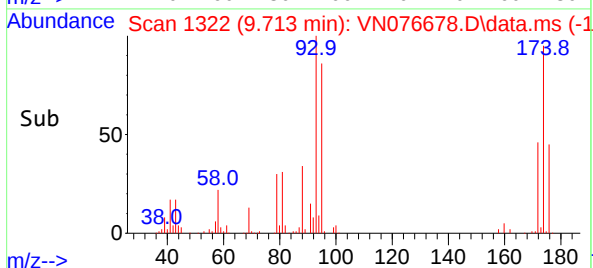
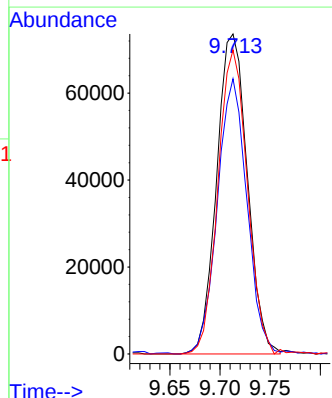
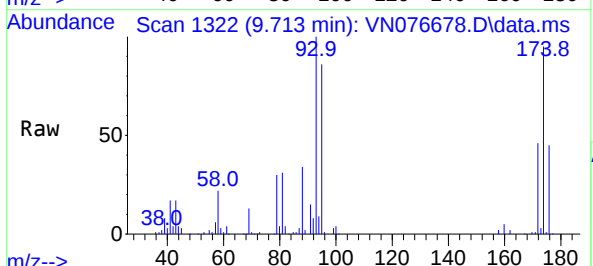
Instrument :
MSVOA_N
ClientSampleId :

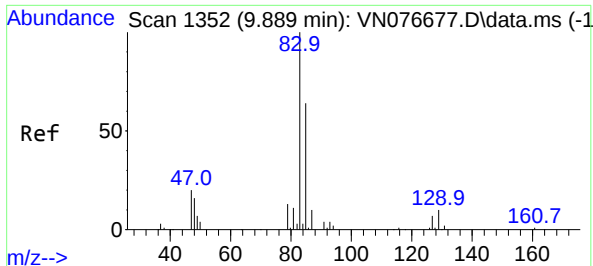
Tgt Ion: 63 Resp: 242746
Ion Ratio Lower Upper
63 100
65 31.5 27.2 40.8



#40
Dibromomethane
Concen: 49.459 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

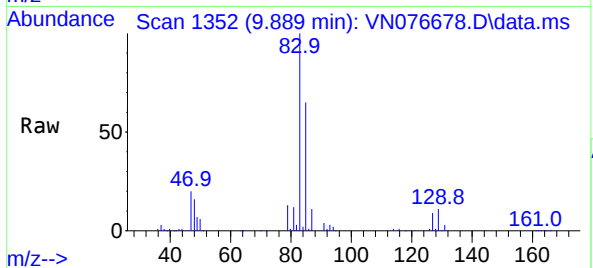
Tgt Ion: 93 Resp: 156194
Ion Ratio Lower Upper
93 100
95 82.7 0.0 158.0
174 90.8 0.0 171.2



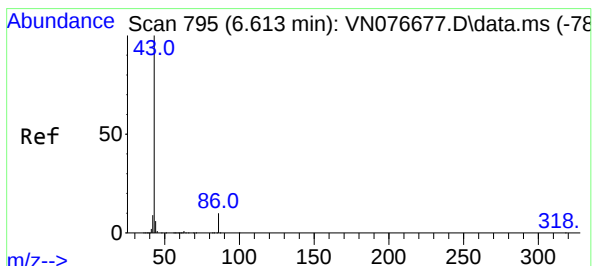
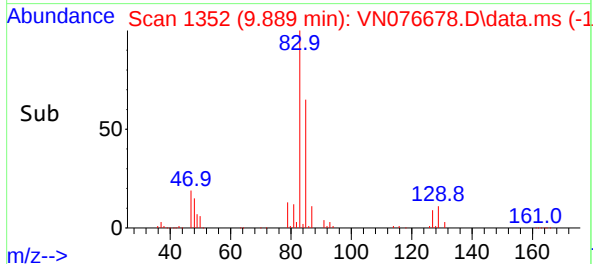
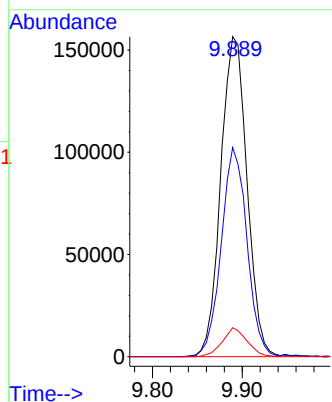


#41
Bromodichloromethane
Concen: 50.204 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

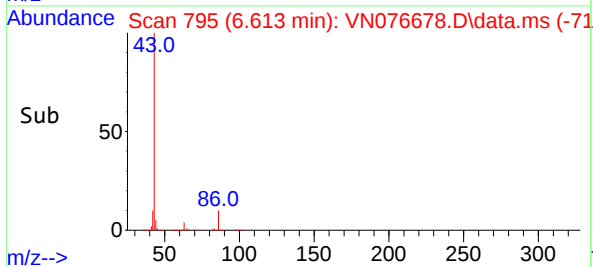
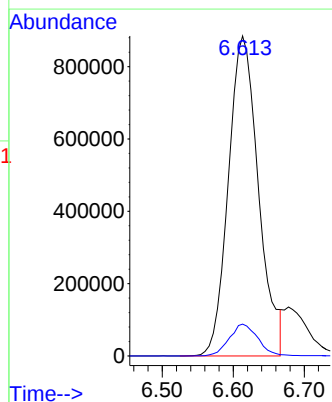
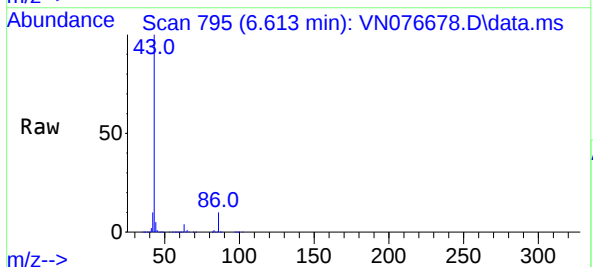


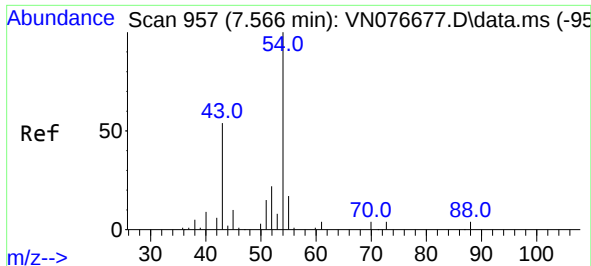
Tgt Ion: 83 Resp: 318030
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4
127 9.1 6.2 9.2



#42
Vinyl Acetate
Concen: 258.538 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 43 Resp: 2608444
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6

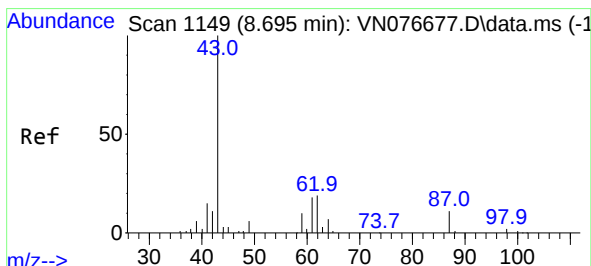
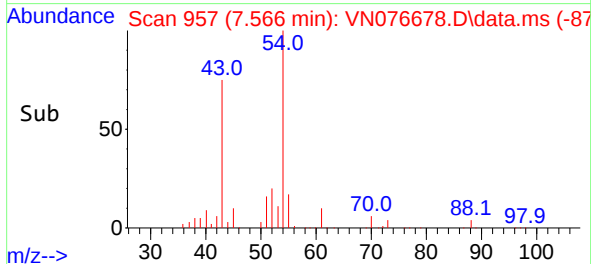
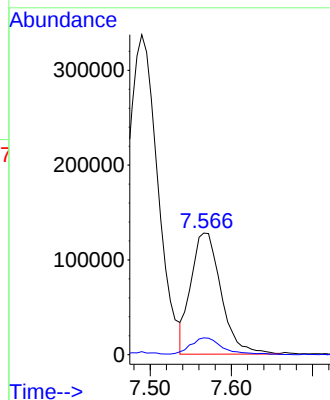
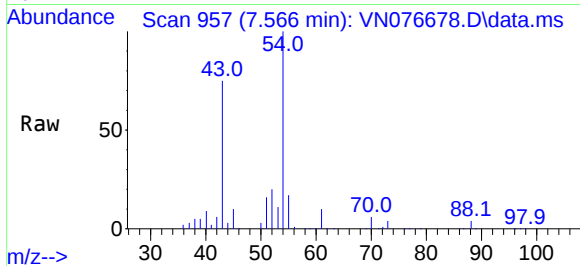




#43
Ethyl Acetate
Concen: 49.717 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

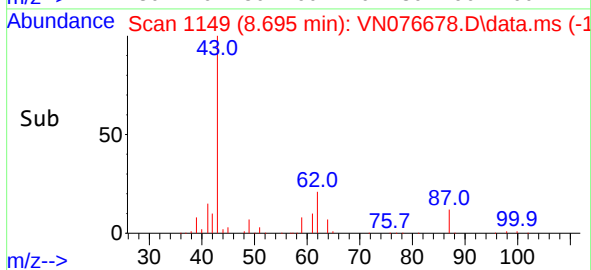
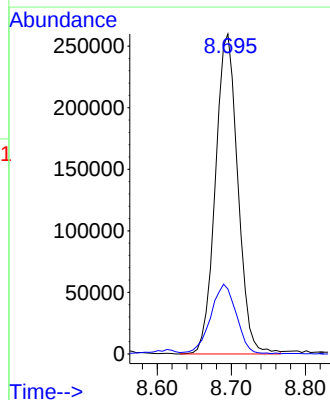
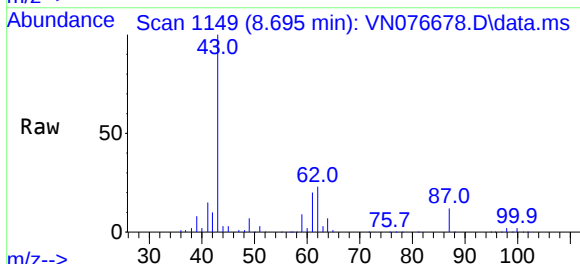
Instrument :
MSVOA_N
ClientSampleId :

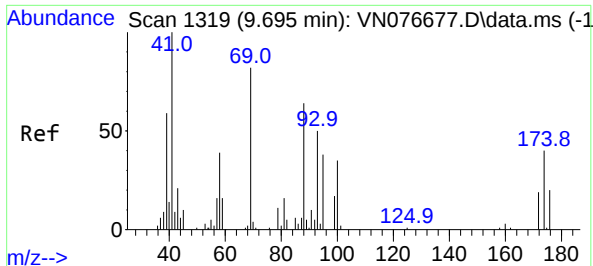
Tgt Ion: 43 Resp: 329762
Ion Ratio Lower Upper
43 100
45 14.5 11.2 16.8



#44
Isopropyl Acetate
Concen: 50.085 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 43 Resp: 546838
Ion Ratio Lower Upper
43 100
61 25.1 19.5 29.3

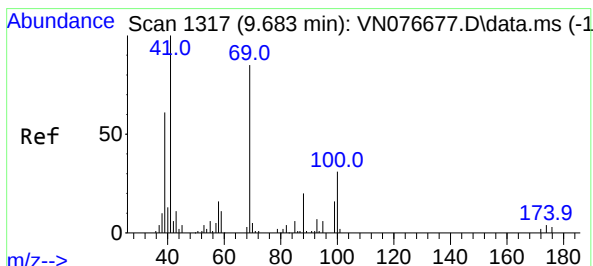
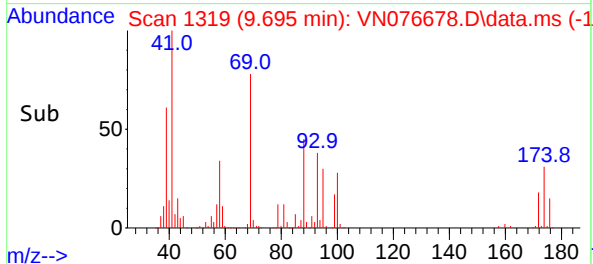
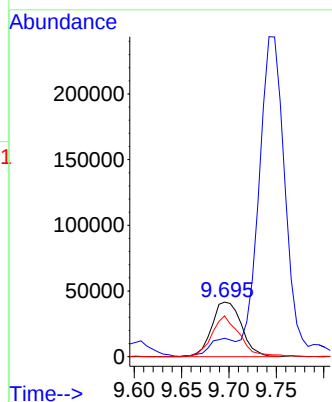
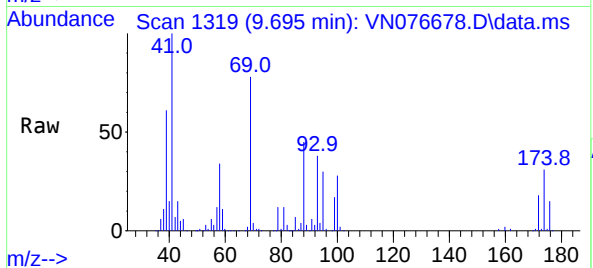




#45
1,4-Dioxane
Concen: 986.196 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

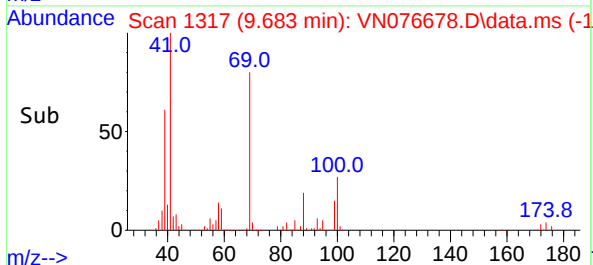
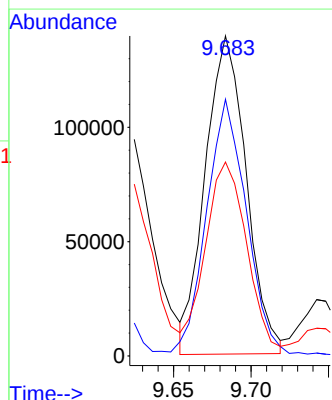
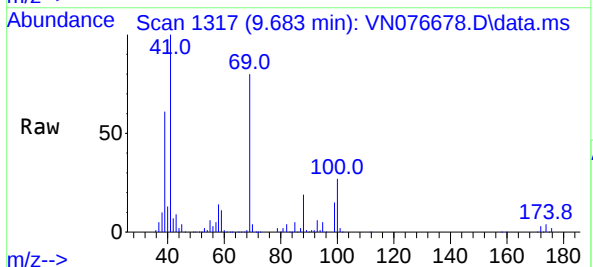
Instrument :
MSVOA_N
ClientSampleId :

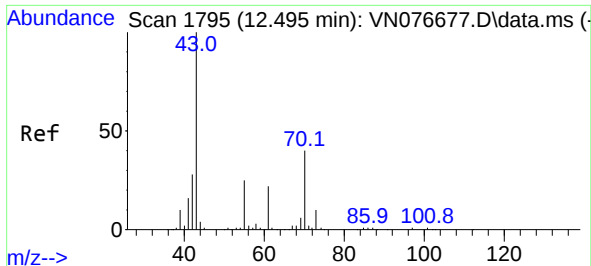
Tgt Ion: 88 Resp: 91131
Ion Ratio Lower Upper
88 100
43 28.1 26.0 39.0
58 70.5 54.3 81.5



#46
Methyl methacrylate
Concen: 50.991 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 41 Resp: 255561
Ion Ratio Lower Upper
41 100
69 81.2 40.6 121.7
39 60.6 30.5 91.5

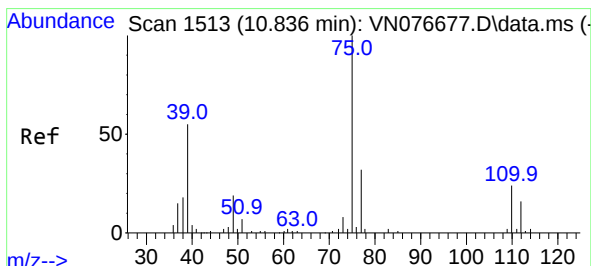
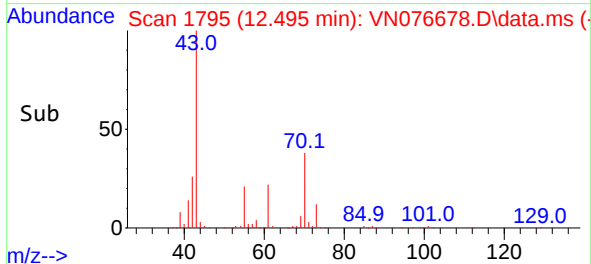
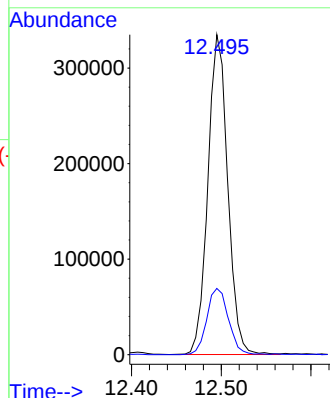
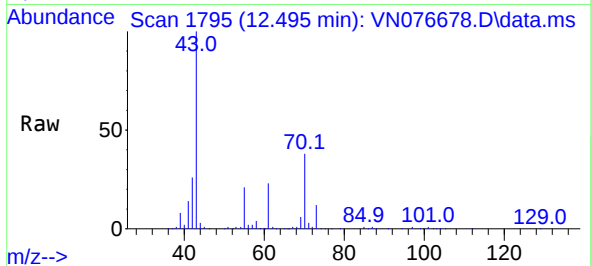




#47
n-amyl acetate
Concen: 53.359 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

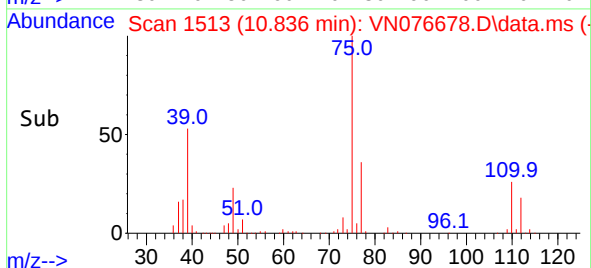
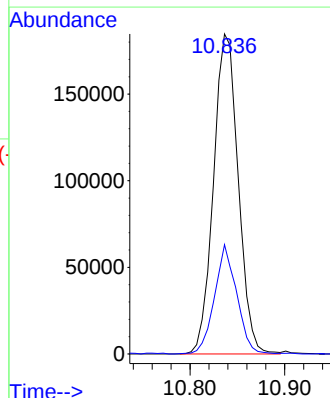
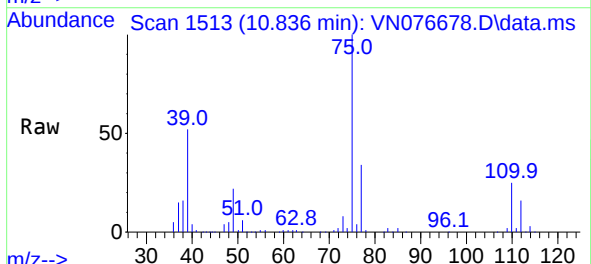
Instrument :
MSVOA_N
ClientSampleId :

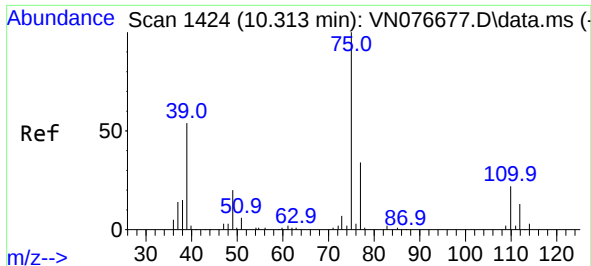
Tgt Ion: 43 Resp: 514464
Ion Ratio Lower Upper
43 100
55 22.5 18.3 27.5



#48
t-1,3-Dichloropropene
Concen: 52.227 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 75 Resp: 335559
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.2



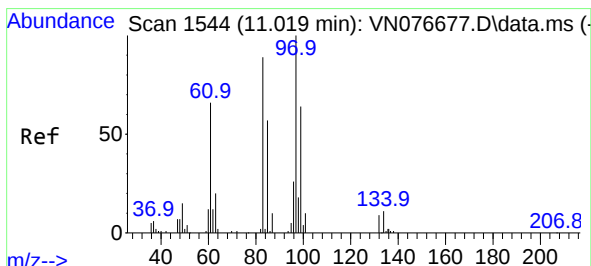
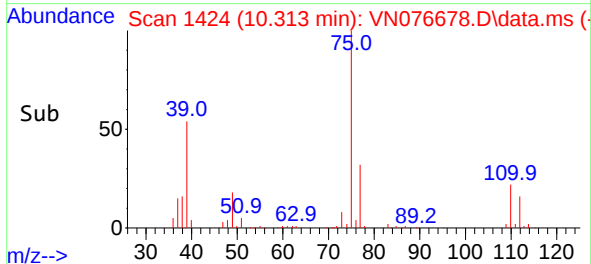
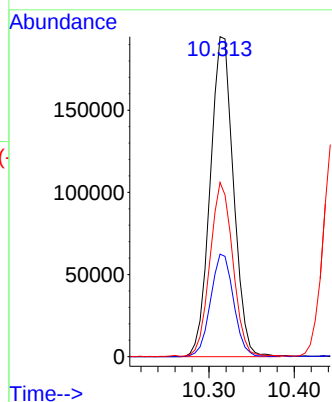
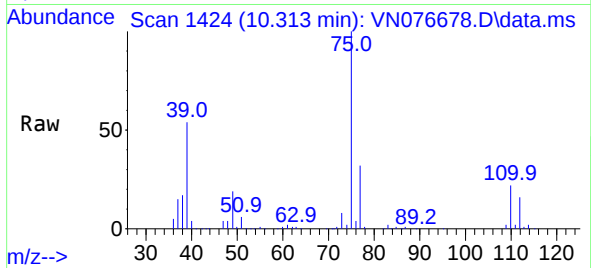


#49
 cis-1,3-Dichloropropene
 Concen: 50.518 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 369429

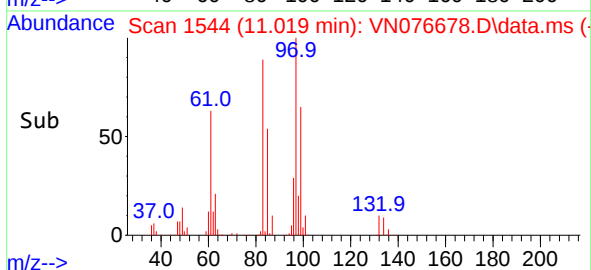
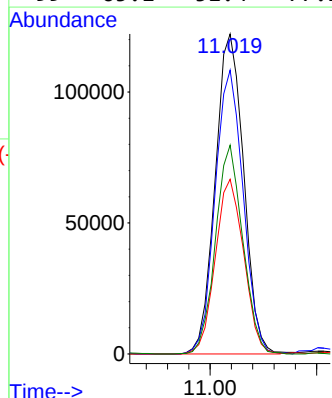
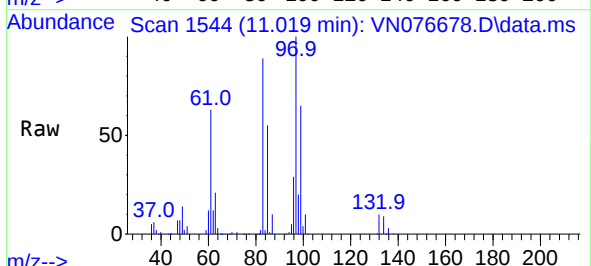
Ion	Ratio	Lower	Upper
75	100		
77	32.1	27.5	41.3
39	54.3	43.5	65.3

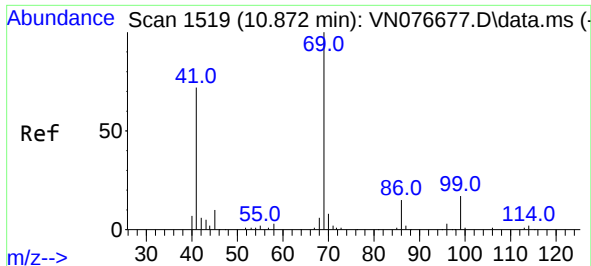


#50
 1,1,2-Trichloroethane
 Concen: 49.220 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

Tgt Ion: 97 Resp: 225961

Ion	Ratio	Lower	Upper
97	100		
83	88.7	71.0	106.4
85	54.6	45.5	68.3
99	65.1	51.4	77.2

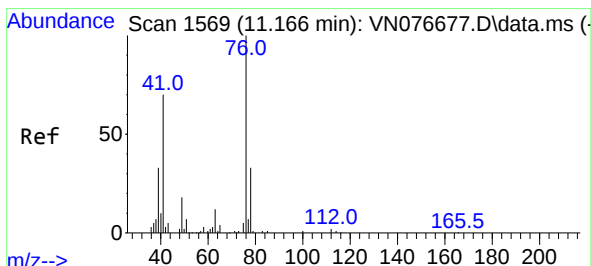
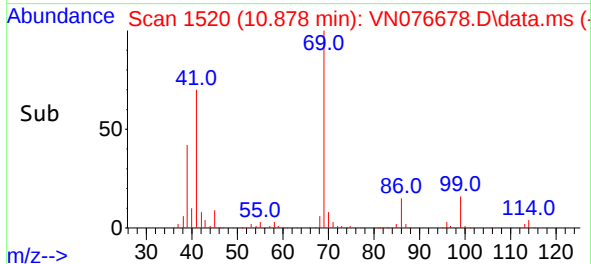
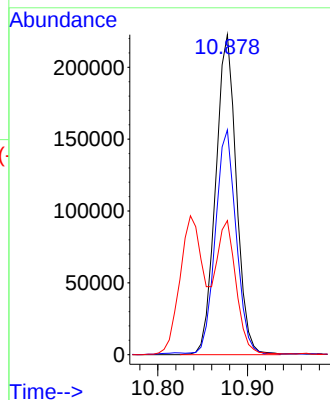
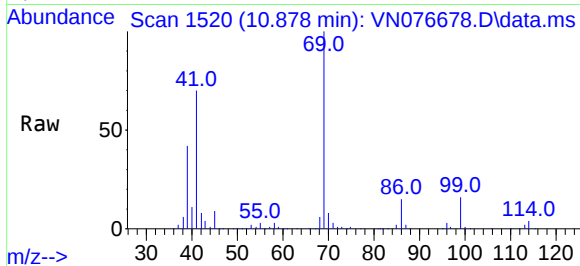




#51
Ethyl methacrylate
Concen: 53.496 ug/l
RT: 10.878 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

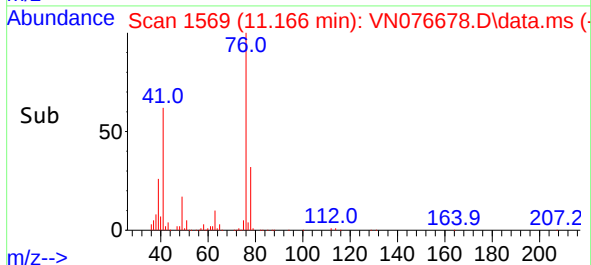
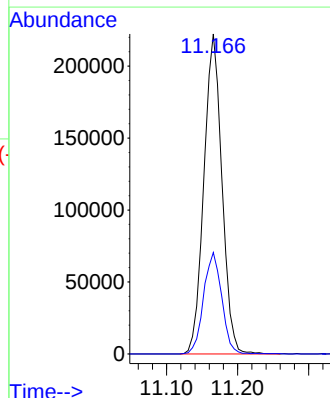
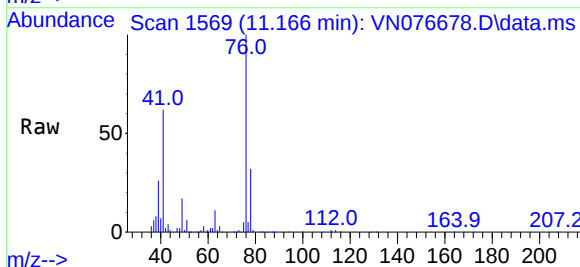
Instrument :
MSVOA_N
ClientSampleId :

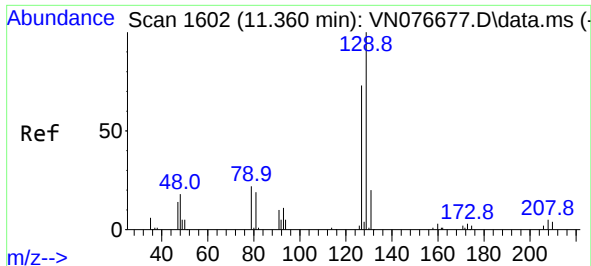
Tgt Ion: 69 Resp: 356569
Ion Ratio Lower Upper
69 100
41 70.0 36.3 108.7
39 41.6 19.9 59.7



#52
1,3-Dichloropropane
Concen: 49.809 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 76 Resp: 393124
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4

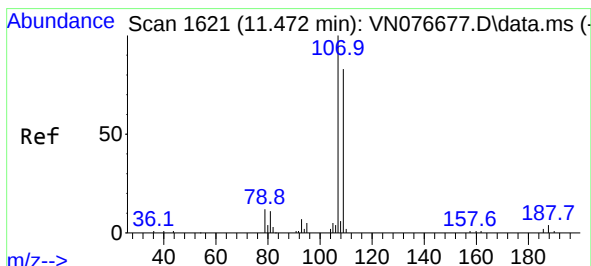
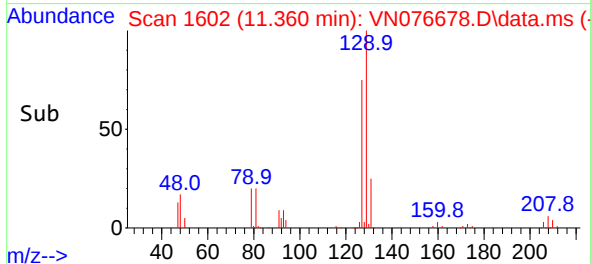
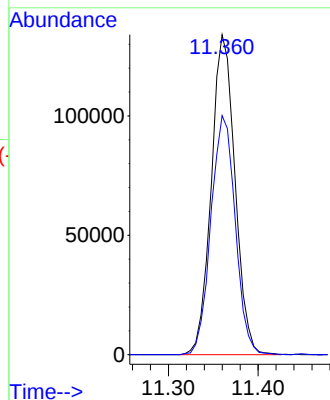
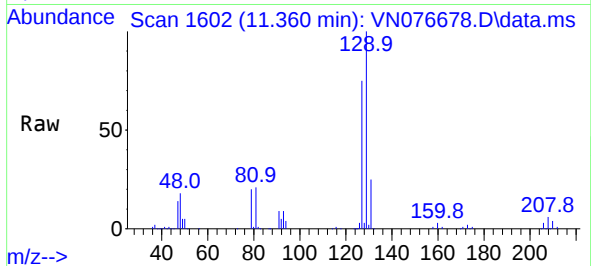




#53
Dibromochloromethane
Concen: 52.148 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

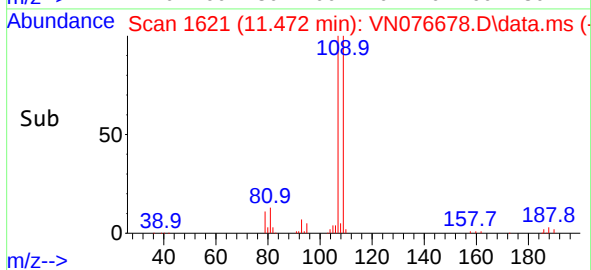
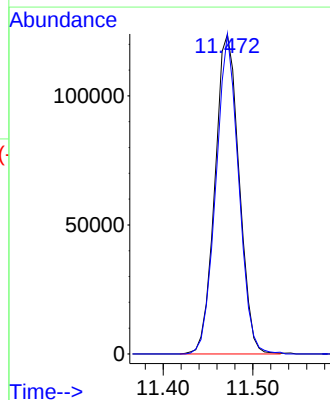
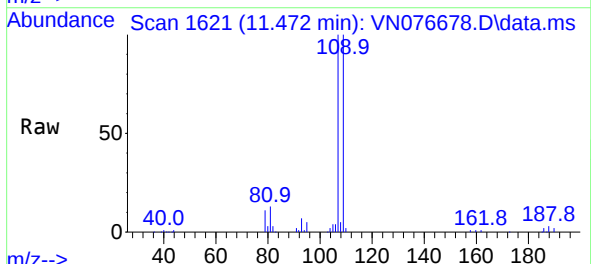
Instrument :
MSVOA_N
ClientSampleId :

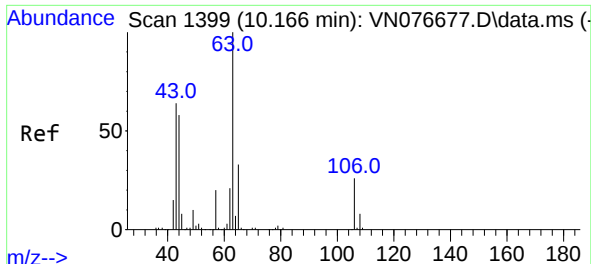
Tgt Ion:129 Resp: 245919
Ion Ratio Lower Upper
129 100
127 76.7 39.4 118.1



#54
1,2-Dibromoethane
Concen: 51.701 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:107 Resp: 231061
Ion Ratio Lower Upper
107 100
109 94.1 74.6 112.0

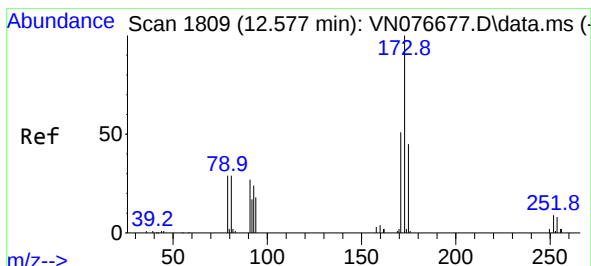
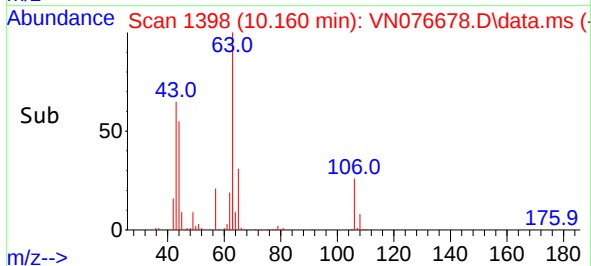
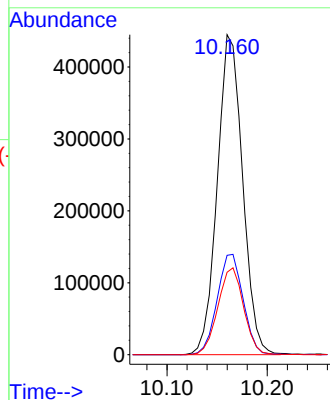
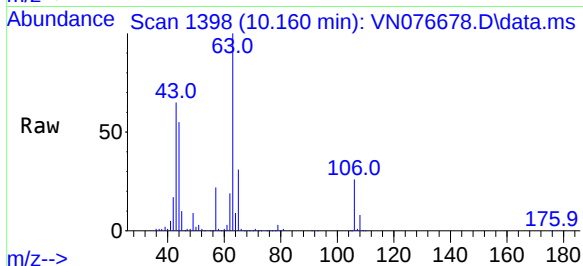




#55
2-Chloroethyl vinyl ether
Concen: 263.719 ug/l
RT: 10.160 min Scan# 1399
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

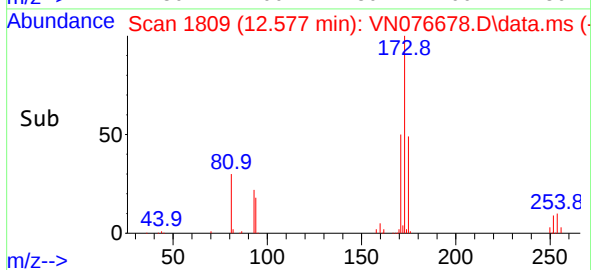
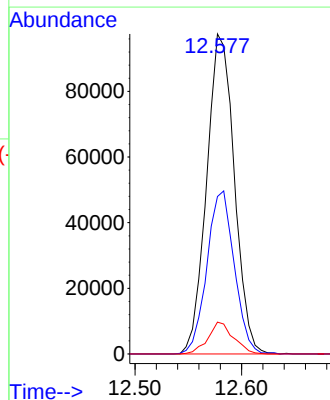
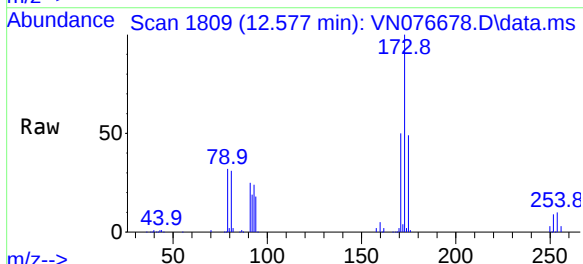
Instrument :
MSVOA_N
ClientSampleId :

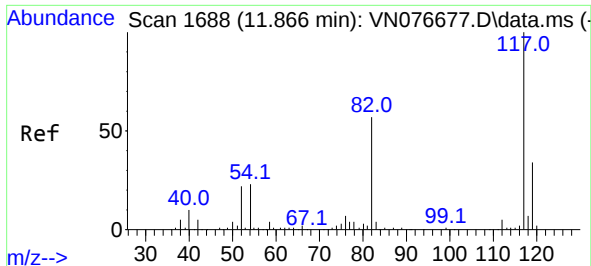
Tgt Ion: 63 Resp: 779260
Ion Ratio Lower Upper
63 100
65 32.1 26.3 39.5
106 27.5 21.6 32.4



#56
Bromoform
Concen: 54.238 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

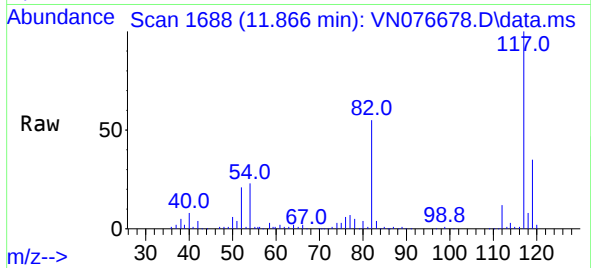
Tgt Ion:173 Resp: 176153
Ion Ratio Lower Upper
173 100
175 50.3 37.8 56.6
254 9.2 7.3 10.9



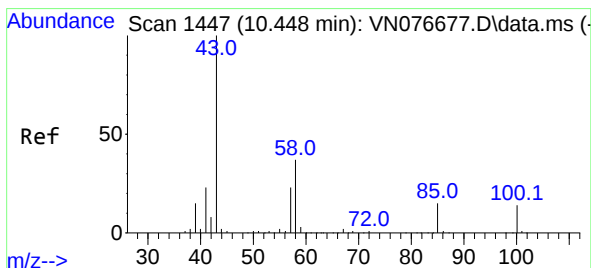
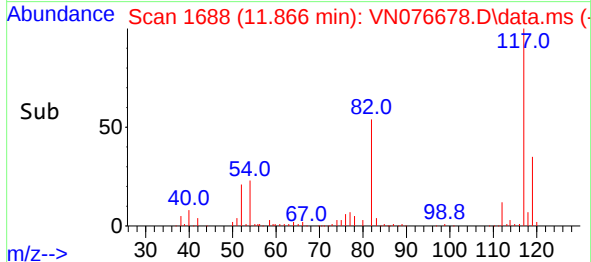
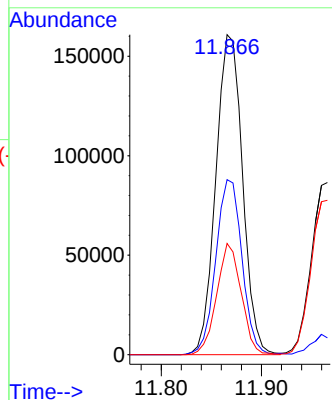


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

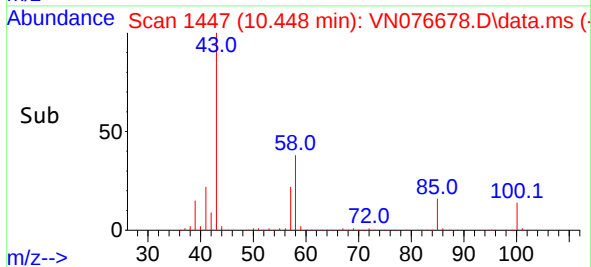
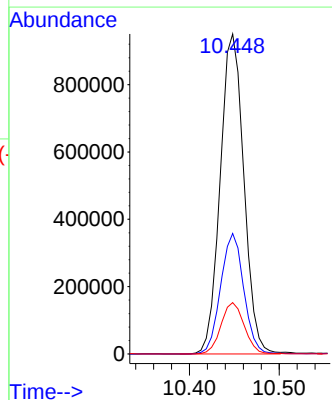
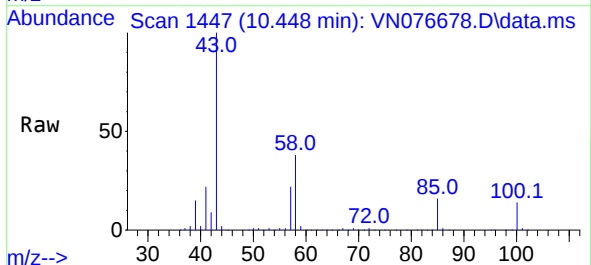


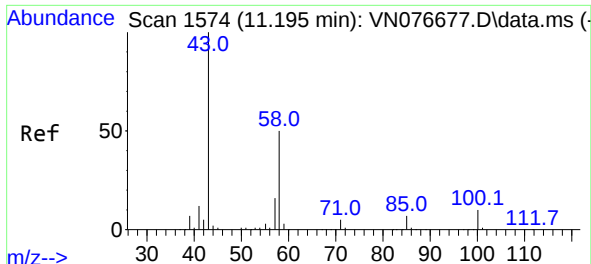
Tgt Ion:117 Resp: 297726
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.8 26.8 40.2



#58
4-Methyl-2-Pentanone
Concen: 245.477 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

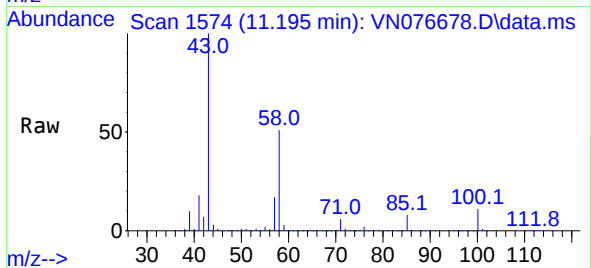
Tgt Ion: 43 Resp: 1738241
Ion Ratio Lower Upper
43 100
58 36.9 28.6 42.8
85 15.9 11.8 17.8



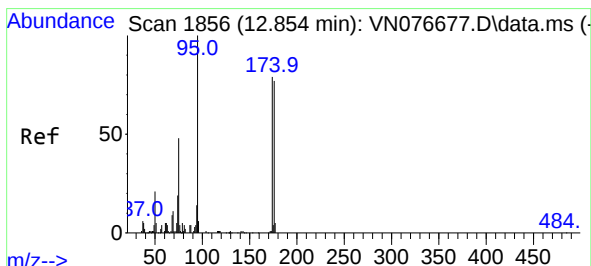
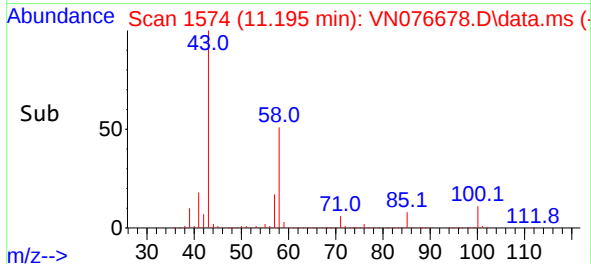
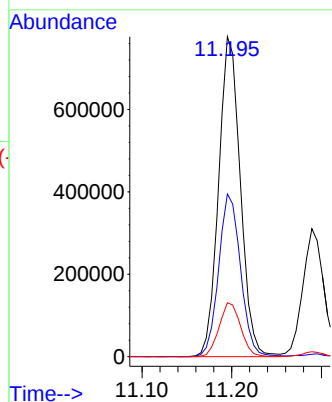


#59
2-Hexanone
Concen: 247.997 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

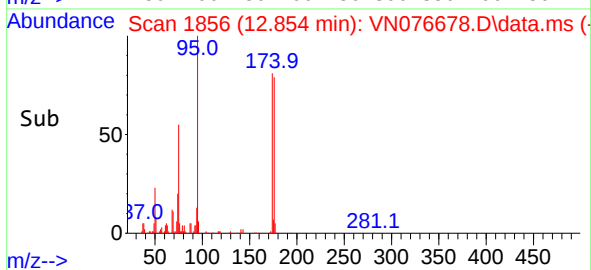
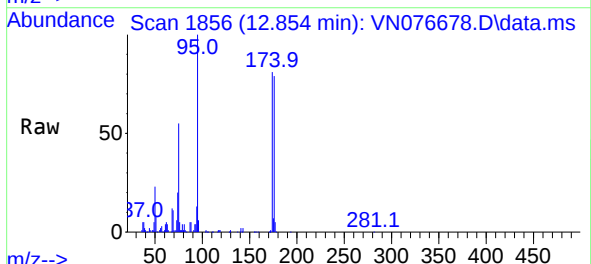
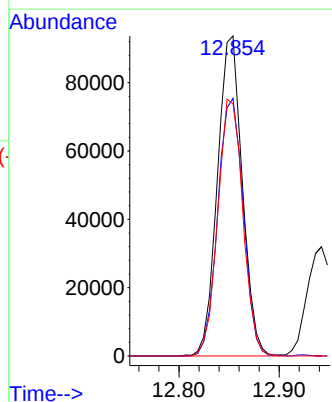


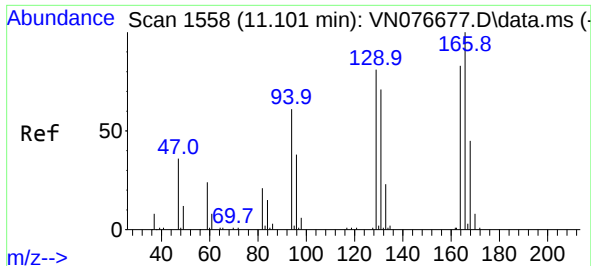
Tgt Ion: 43 Resp: 1306210
Ion Ratio Lower Upper
43 100
58 51.3 40.6 60.8
57 16.7 13.1 19.7



#60
4-Bromofluorobenzene
Concen: 30.657 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

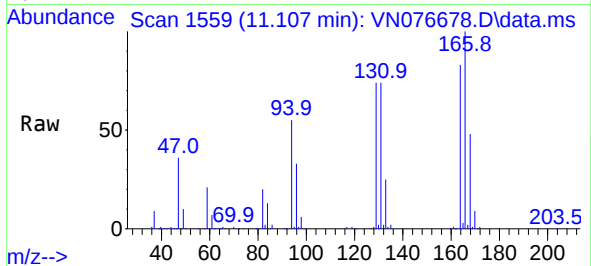
Tgt Ion: 95 Resp: 161443
Ion Ratio Lower Upper
95 100
174 82.3 64.2 96.4
176 80.8 61.4 92.0



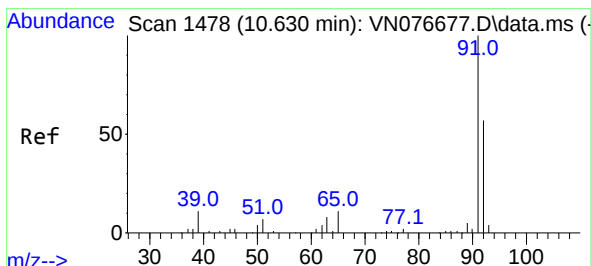
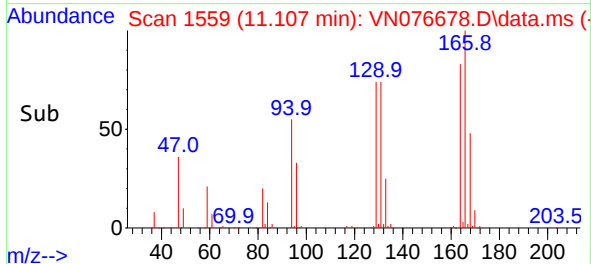
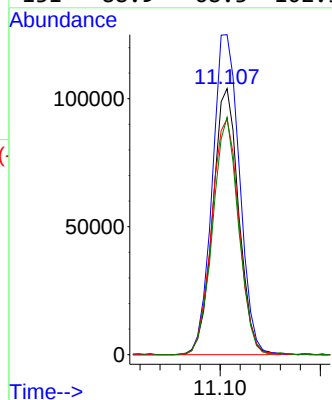


#61
Tetrachloroethene
Concen: 49.698 ug/l
RT: 11.107 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

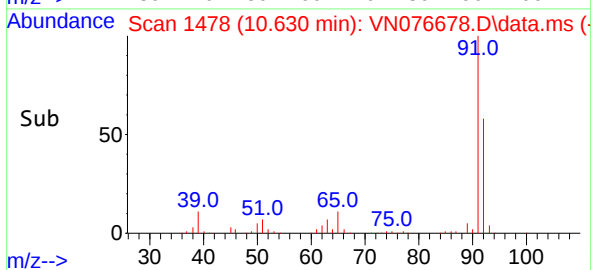
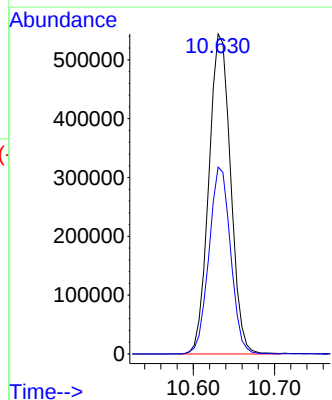
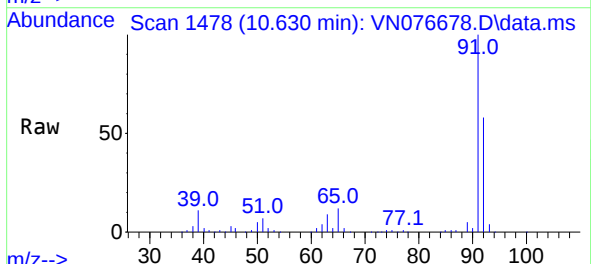


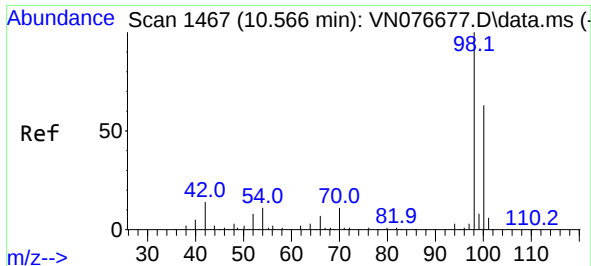
Tgt Ion:164 Resp: 186847
Ion Ratio Lower Upper
164 100
166 120.0 96.2 144.2
129 88.7 78.2 117.4
131 88.9 68.3 102.5



#62
Toluene
Concen: 48.710 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 91 Resp: 1013483
Ion Ratio Lower Upper
91 100
92 57.9 46.3 69.5

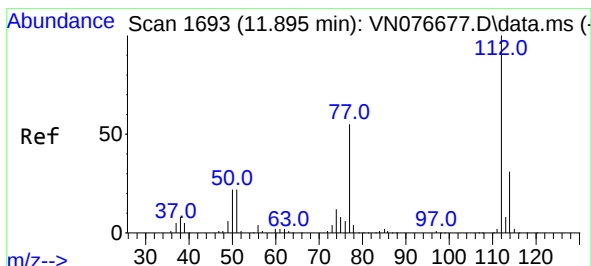
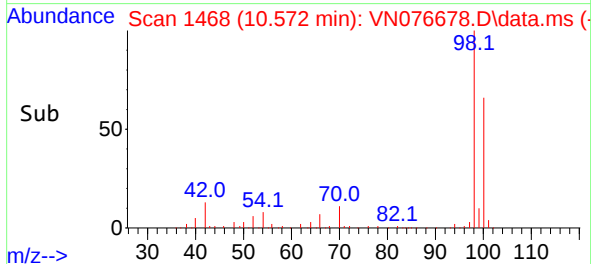
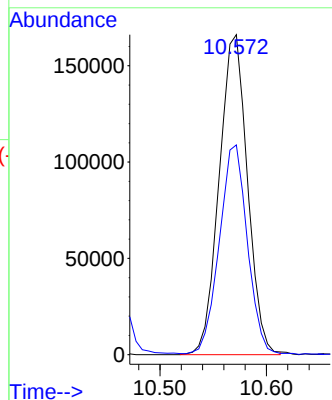
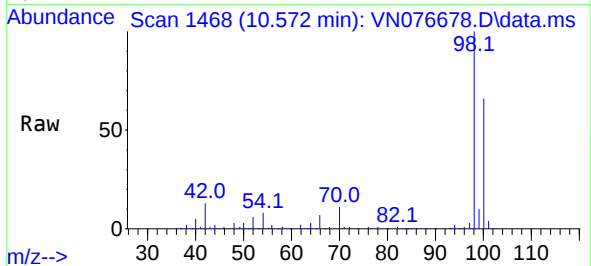




#63
Toluene-d8
Concen: 29.373 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

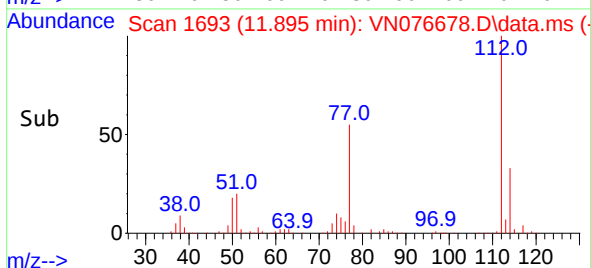
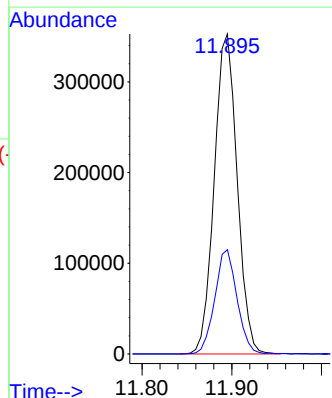
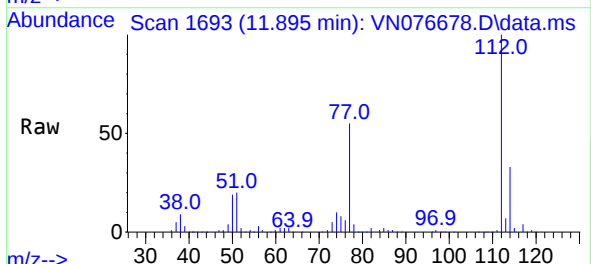
Instrument :
MSVOA_N
ClientSampleId :

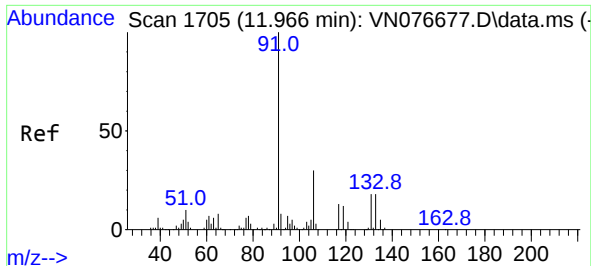
Tgt Ion: 98 Resp: 306315
Ion Ratio Lower Upper
98 100
100 65.2 53.8 80.6



#64
Chlorobenzene
Concen: 50.409 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 112 Resp: 624881
Ion Ratio Lower Upper
112 100
114 32.6 24.5 36.7

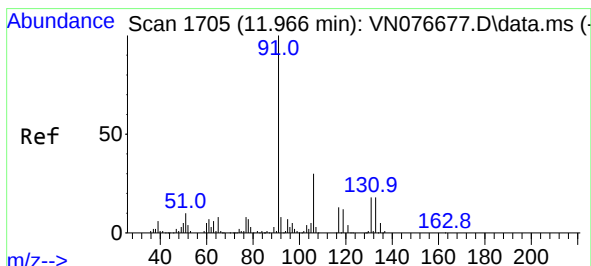
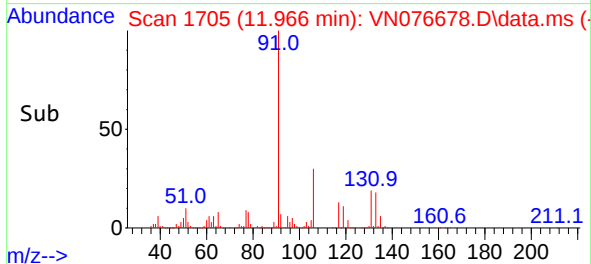
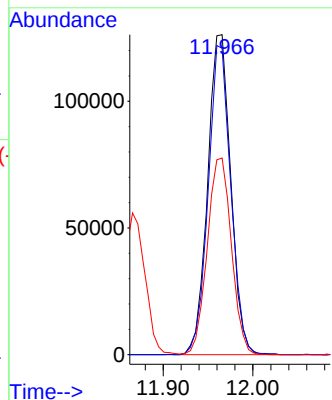
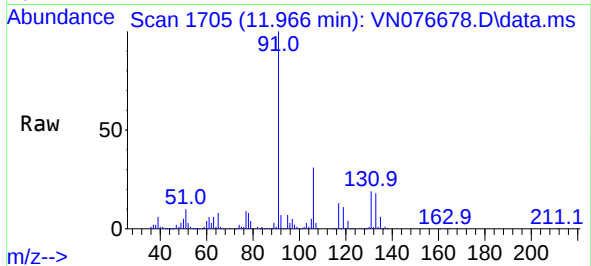




#65
1,1,1,2-Tetrachloroethane
Concen: 49.677 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

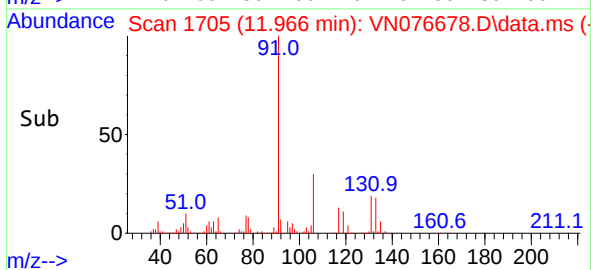
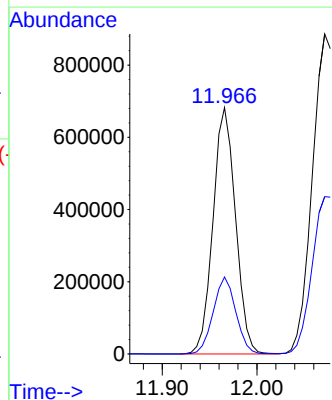
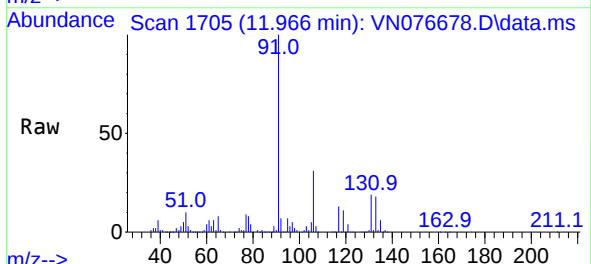
Instrument :
MSVOA_N
ClientSampleId :

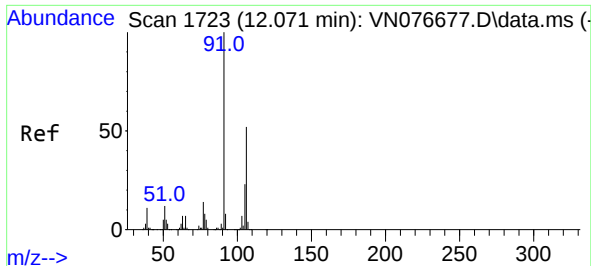
Tgt Ion:131 Resp: 225747
Ion Ratio Lower Upper
131 100
133 94.5 0.0 197.6
119 64.2 0.0 127.8



#66
Ethyl Benzene
Concen: 50.978 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 91 Resp: 1127619
Ion Ratio Lower Upper
91 100
106 31.2 23.8 35.8

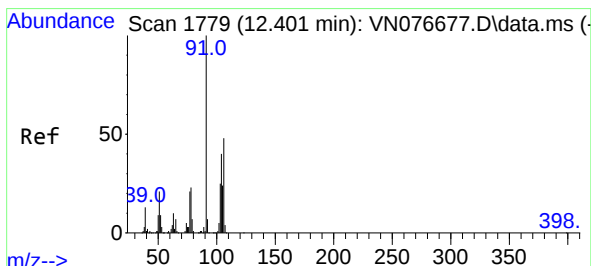
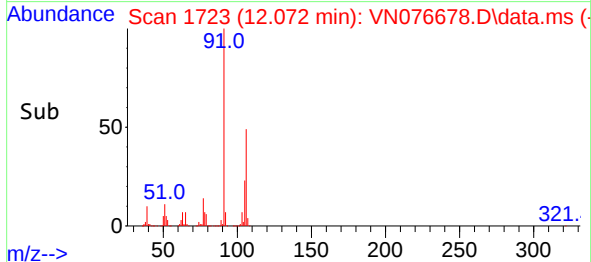
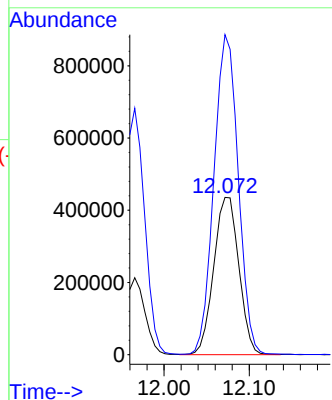
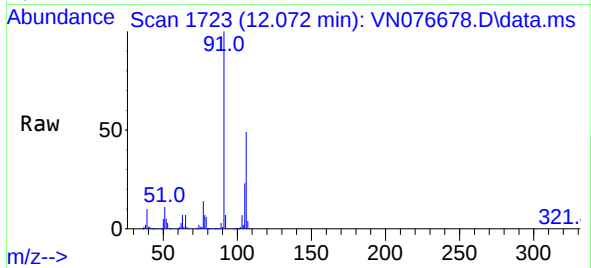




#67
m/p-Xylenes
Concen: 103.145 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

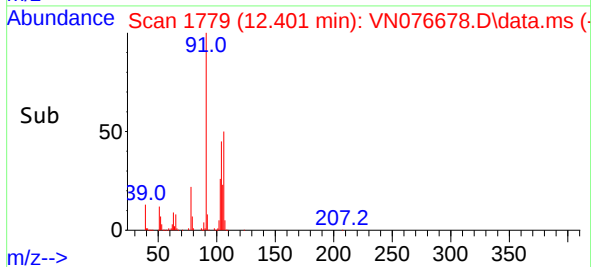
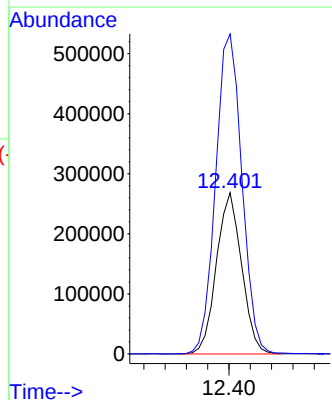
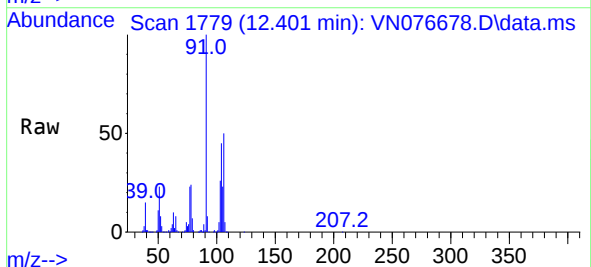
Instrument :
MSVOA_N
ClientSampleId :

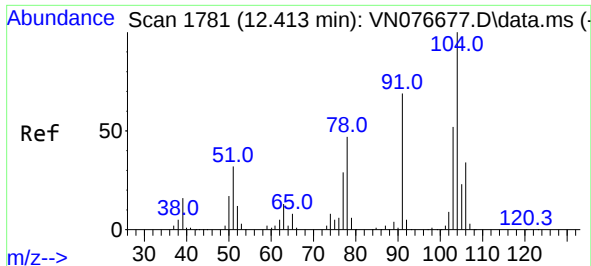
Tgt Ion:106 Resp: 892191
Ion Ratio Lower Upper
106 100
91 195.9 157.4 236.2



#68
o-Xylene
Concen: 51.673 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:106 Resp: 440464
Ion Ratio Lower Upper
106 100
91 206.7 107.2 321.6

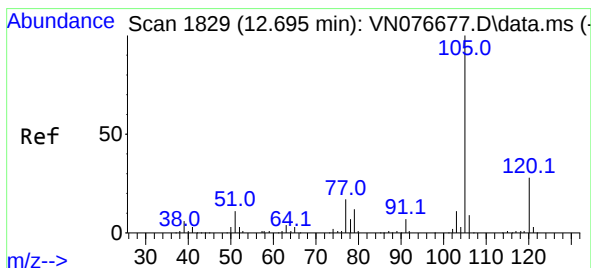
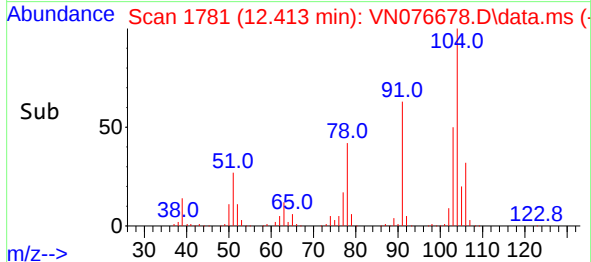
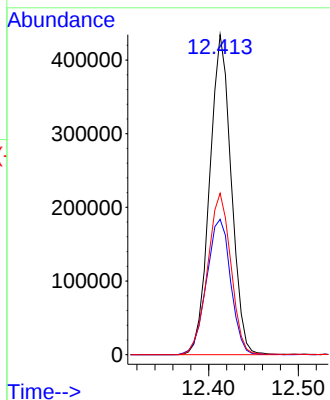
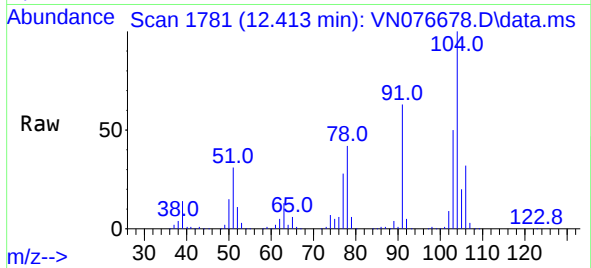




#69
Styrene
Concen: 53.165 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

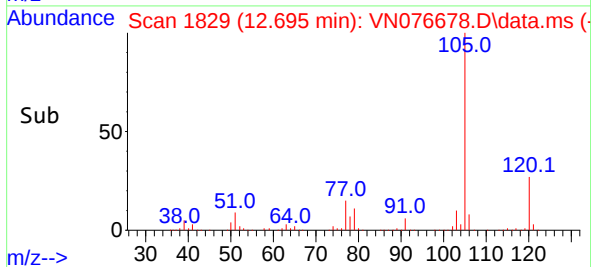
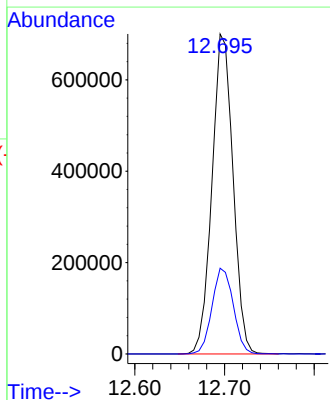
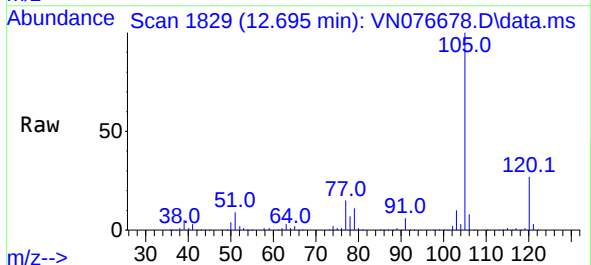
Instrument :
MSVOA_N
ClientSampleId :

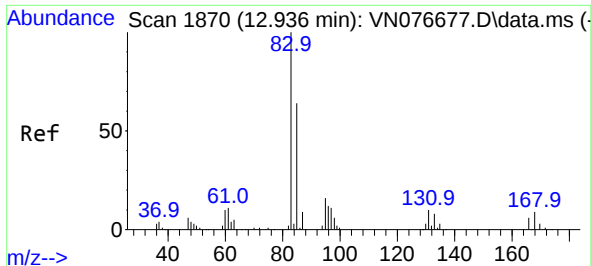
Tgt Ion:104 Resp: 727553
Ion Ratio Lower Upper
104 100
78 47.2 39.6 59.4
103 54.1 43.9 65.9



#70
Isopropylbenzene
Concen: 52.387 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:105 Resp: 1139240
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2

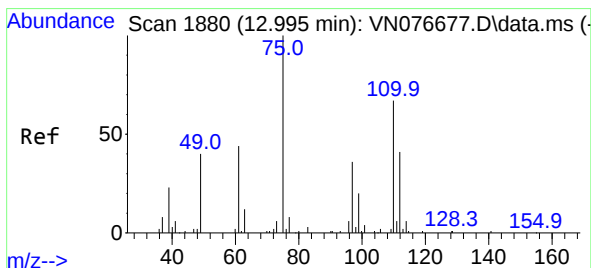
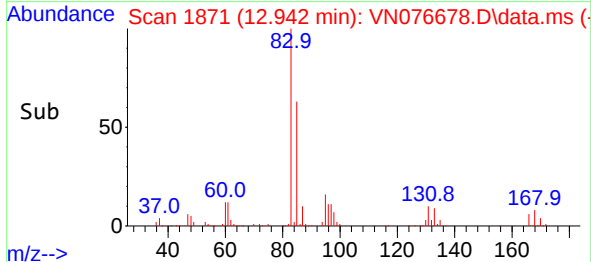
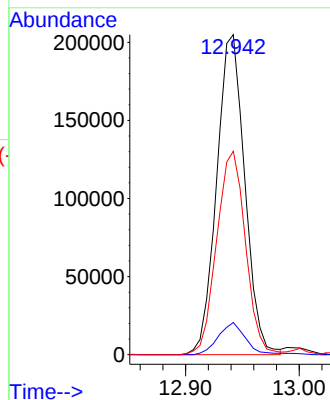
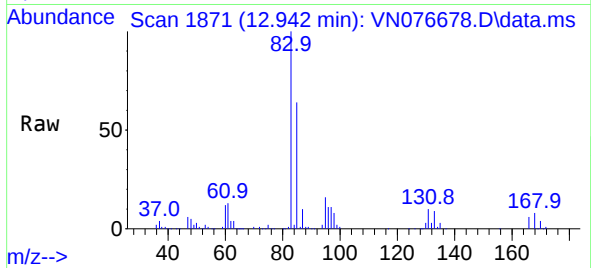




#71
1,1,2,2-Tetrachloroethane
Concen: 49.612 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

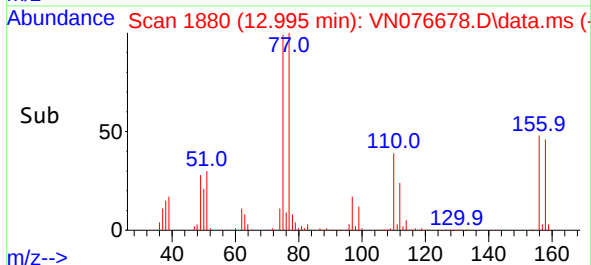
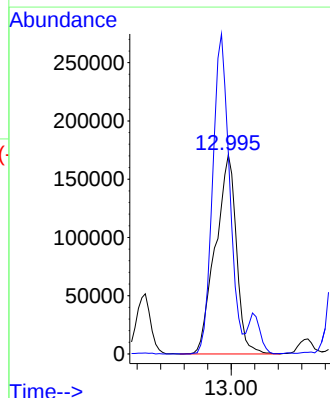
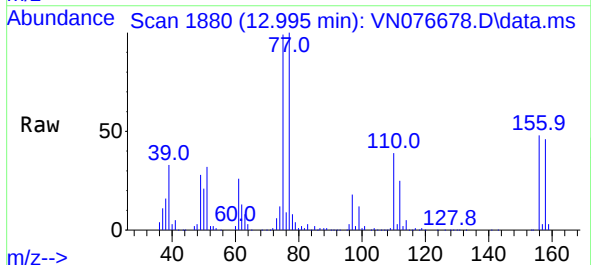
Instrument :
MSVOA_N
ClientSampleId :

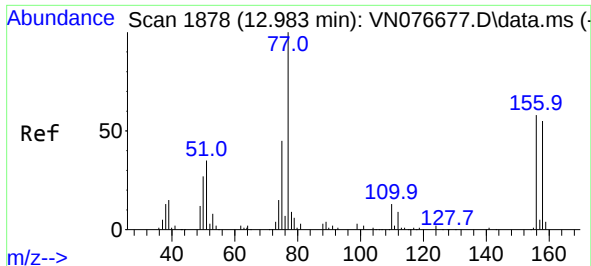
Tgt Ion: 83 Resp: 352972
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.9 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 67.692 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 75 Resp: 424244
Ion Ratio Lower Upper
75 100
77 128.2 0.0 332.6

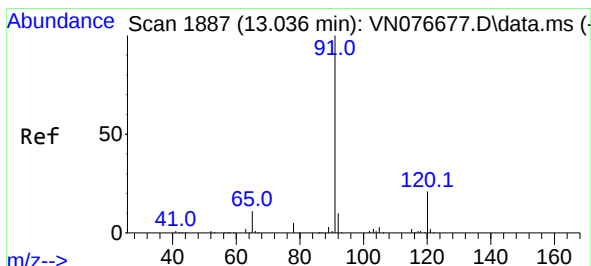
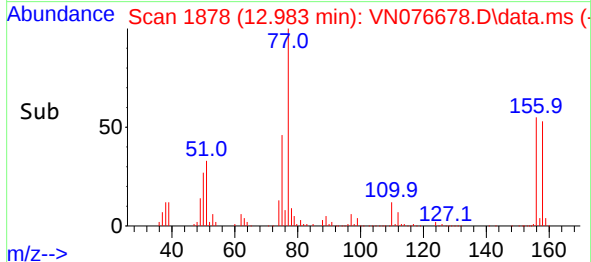
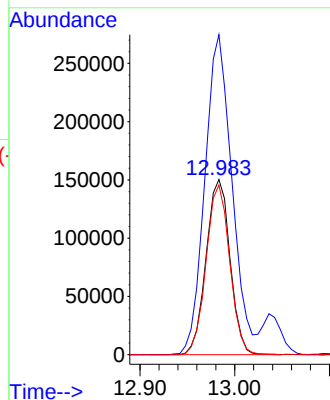
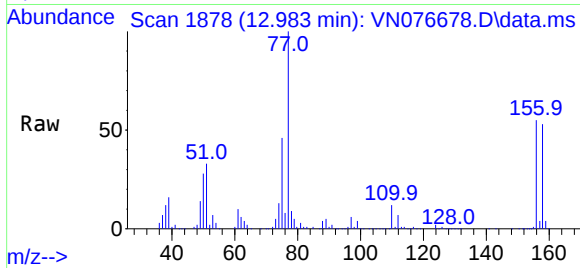




#73
Bromobenzene
Concen: 52.414 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

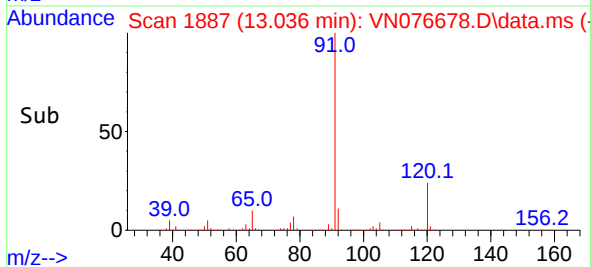
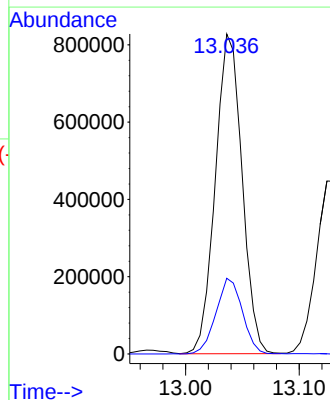
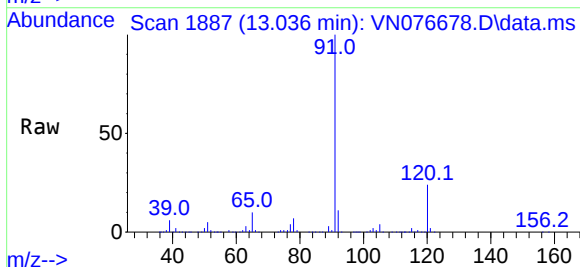
Instrument :
MSVOA_N
ClientSampleId :

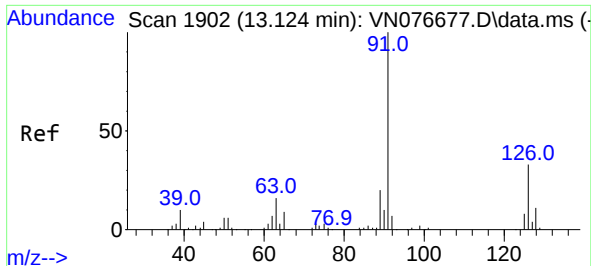
Tgt Ion:156 Resp: 264483
Ion Ratio Lower Upper
156 100
77 205.7 0.0 423.0
158 95.3 0.0 188.6



#74
n-propylbenzene
Concen: 52.218 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 91 Resp: 1352459
Ion Ratio Lower Upper
91 100
120 23.4 0.0 44.0

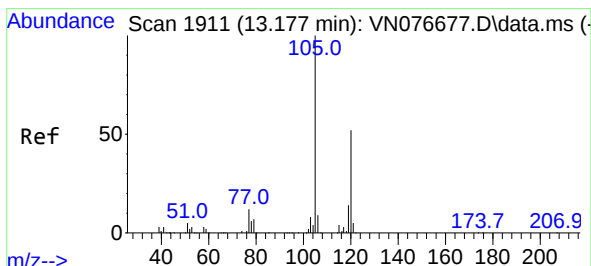
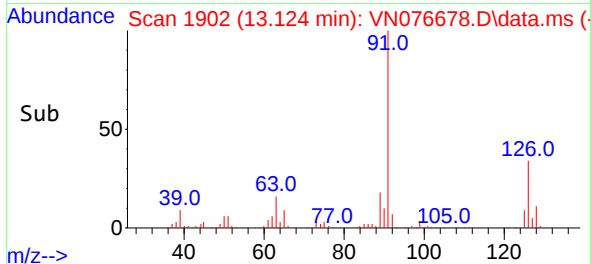
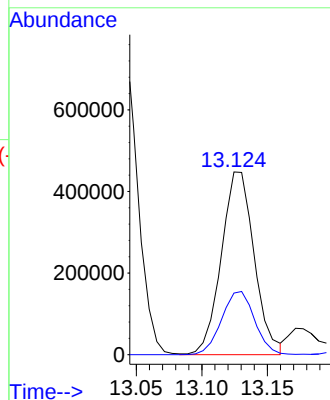
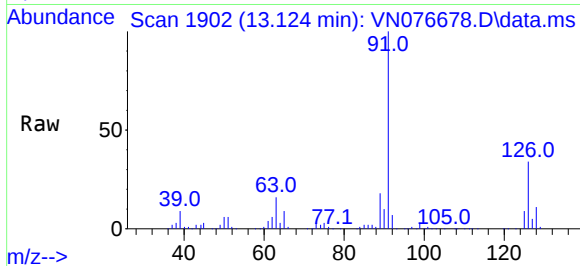




#75
2-Chlorotoluene
Concen: 50.782 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

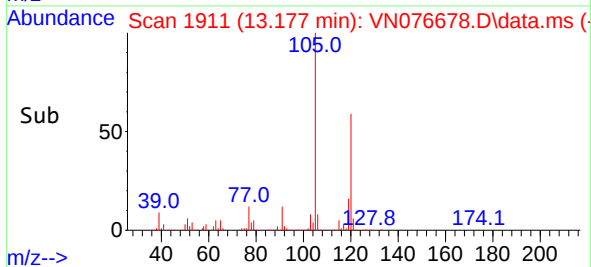
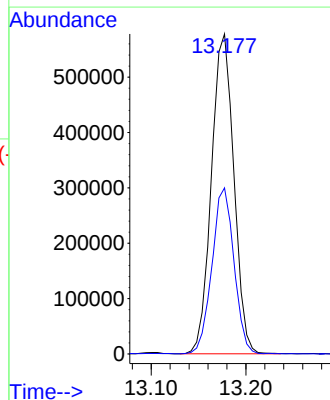
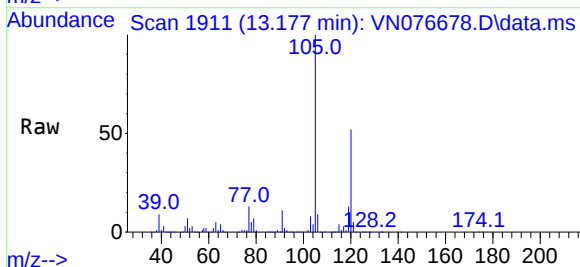
Instrument :
MSVOA_N
ClientSampleId :

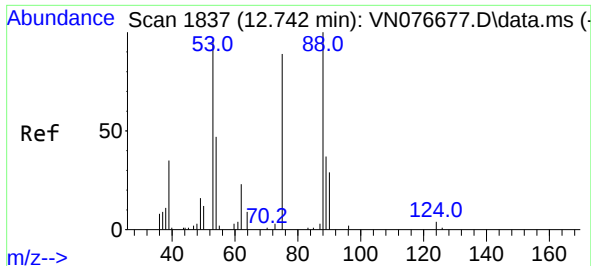
Tgt Ion: 91 Resp: 782648
Ion Ratio Lower Upper
91 100
126 34.7 0.0 66.4



#76
1,3,5-Trimethylbenzene
Concen: 52.371 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

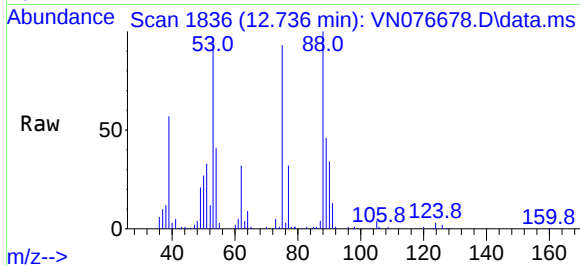
Tgt Ion: 105 Resp: 949828
Ion Ratio Lower Upper
105 100
120 51.0 0.0 103.2



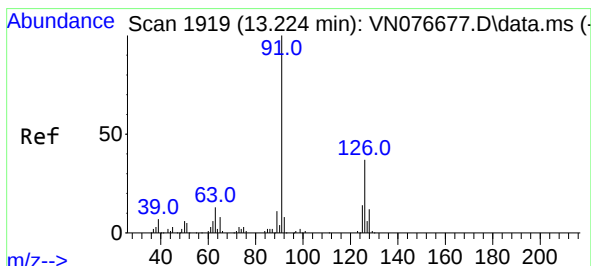
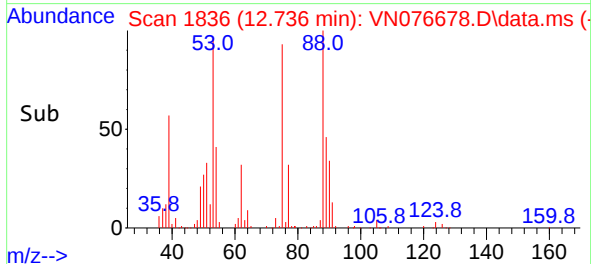
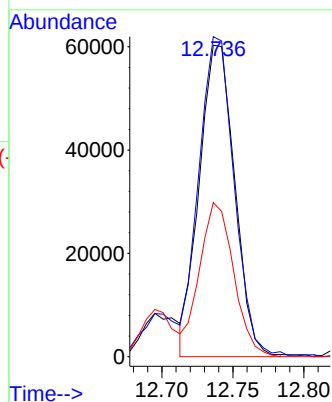


#77
t-1,4-Dichloro-2-butene
Concen: 51.872 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

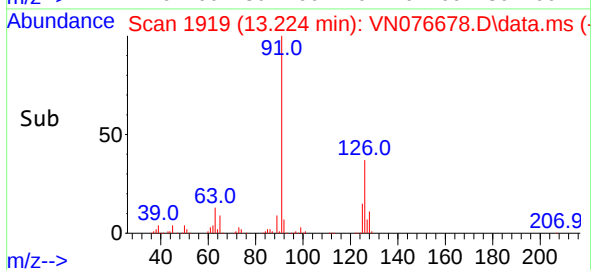
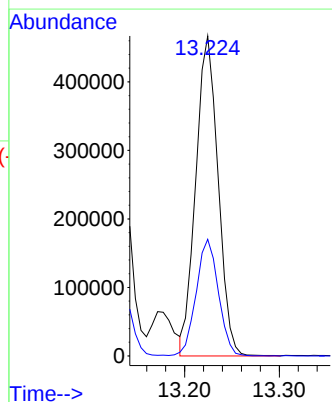
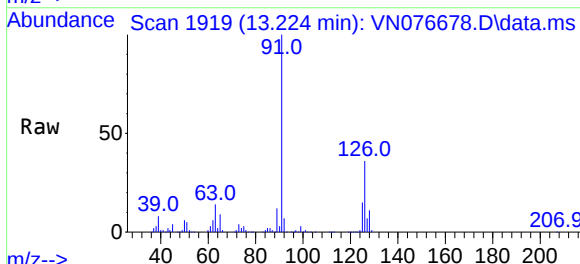


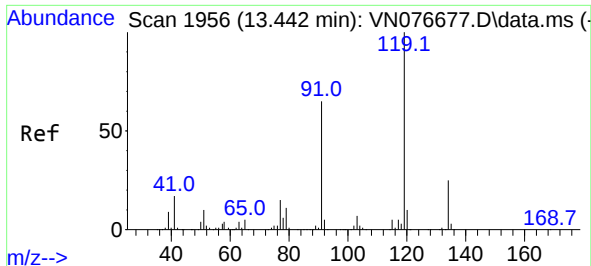
Tgt Ion: 75 Resp: 104450
Ion Ratio Lower Upper
75 100
53 101.8 50.4 151.3
89 49.8 22.1 66.5



#78
4-Chlorotoluene
Concen: 51.652 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

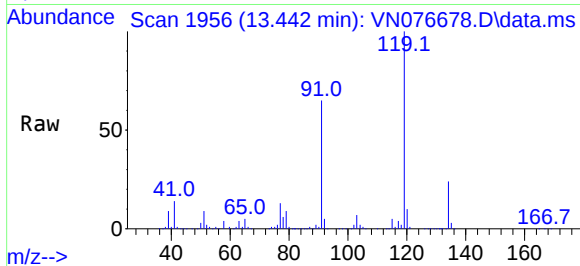
Tgt Ion: 91 Resp: 763147
Ion Ratio Lower Upper
91 100
126 36.4 0.0 70.6



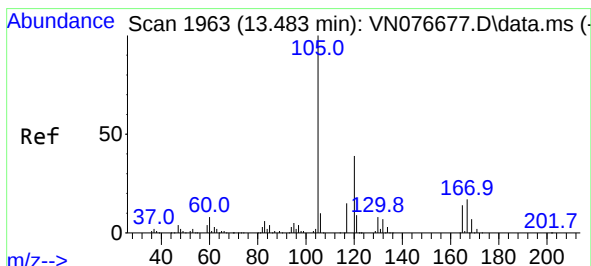
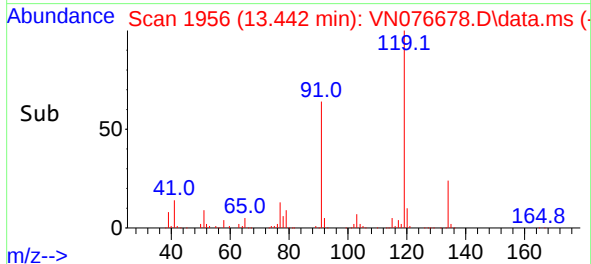
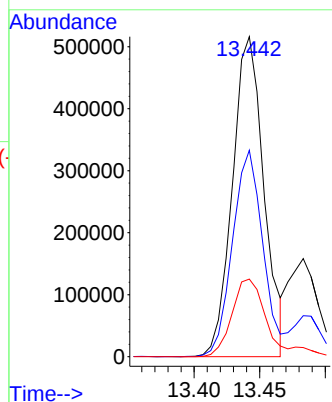


#79
tert-butylbenzene
Concen: 53.757 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

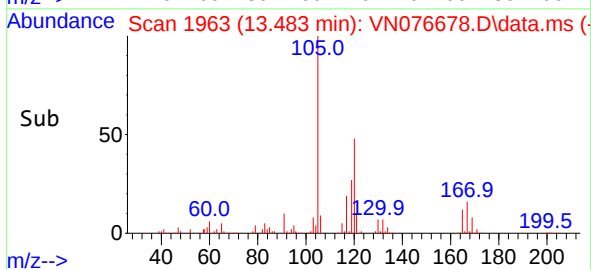
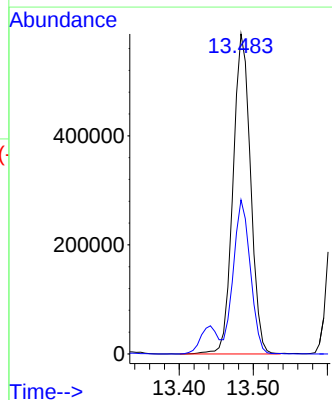
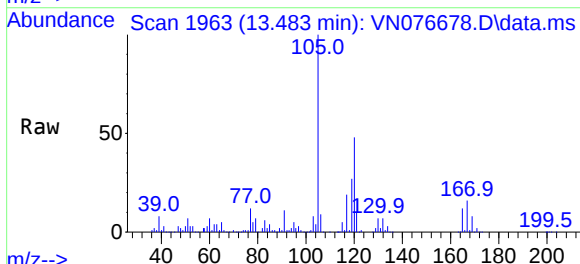


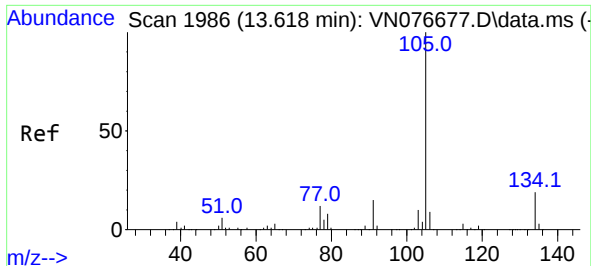
Tgt Ion:119 Resp: 863237
Ion Ratio Lower Upper
119 100
91 61.8 0.0 129.6
134 25.3 0.0 47.8



#80
1,2,4-Trimethylbenzene
Concen: 53.564 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:105 Resp: 964641
Ion Ratio Lower Upper
105 100
120 46.1 0.0 93.2

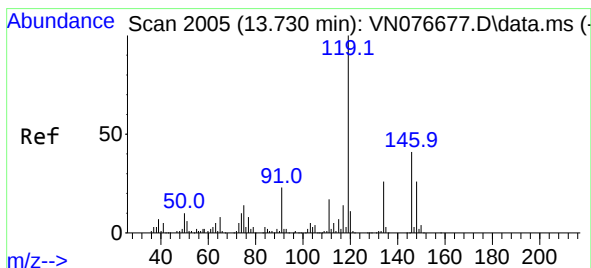
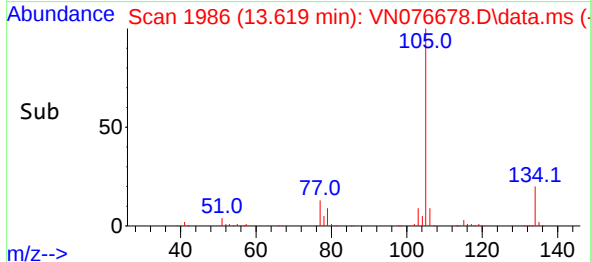
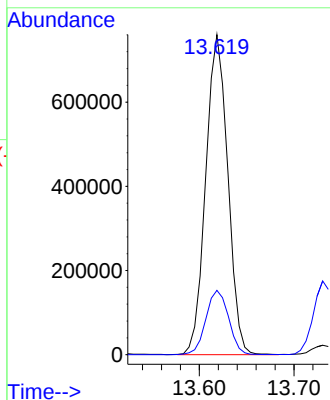
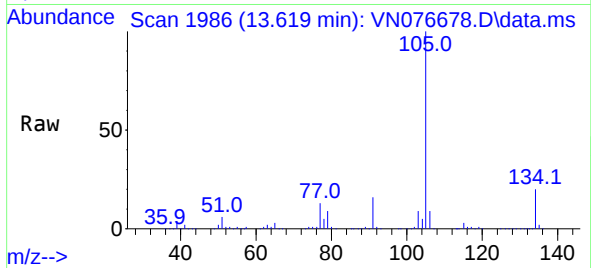




#81
 sec-Butylbenzene
 Concen: 53.263 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

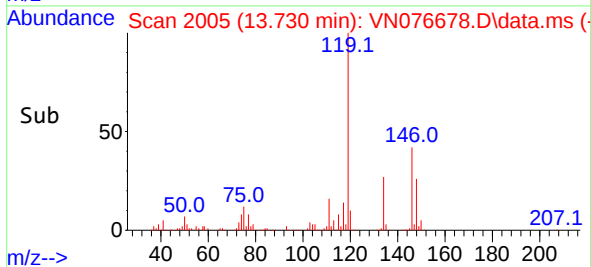
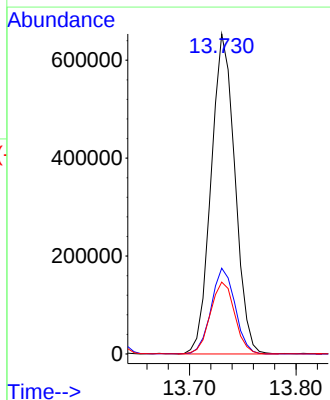
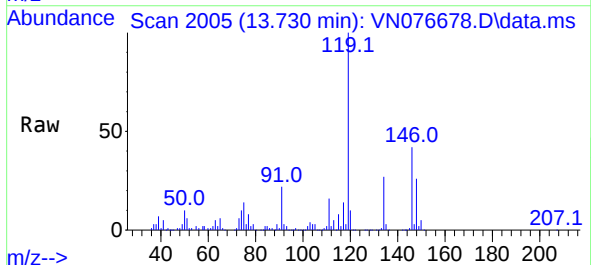
Instrument :
 MSVOA_N
 ClientSampleId :

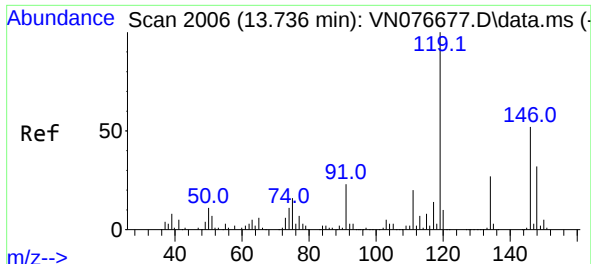
Tgt Ion:105 Resp: 1228256
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 54.223 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076678.D
 Acq: 15 Feb 2023 11:11

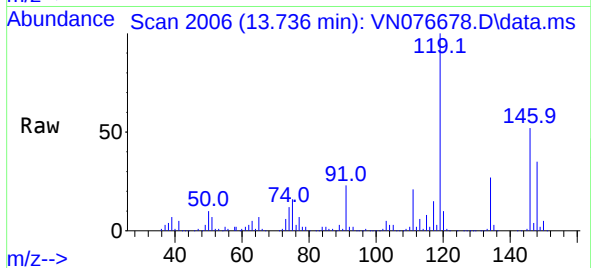
Tgt Ion:119 Resp: 1013739
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 53.4
 91 23.0 0.0 47.2



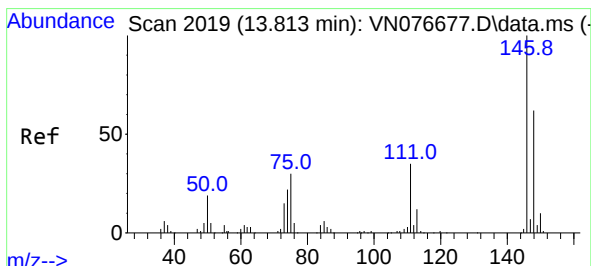
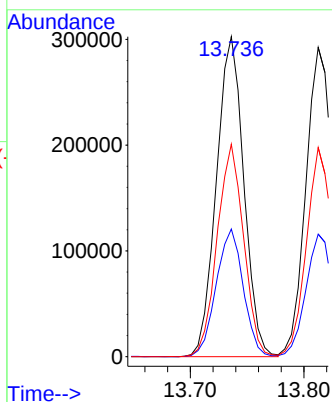
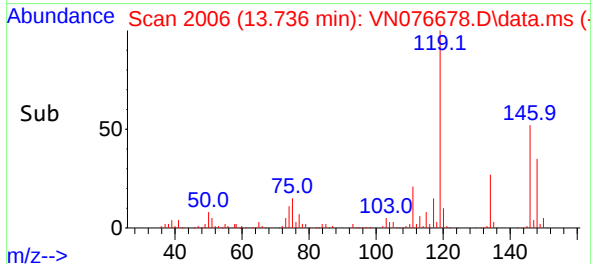


#83
1,3-Dichlorobenzene
Concen: 52.630 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

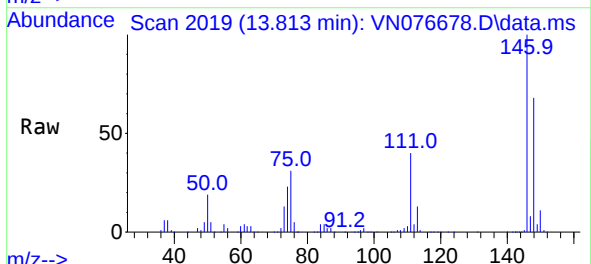
Instrument :
MSVOA_N
ClientSampleId :



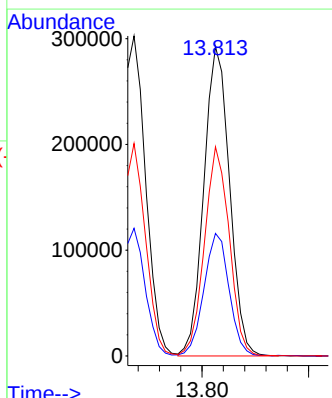
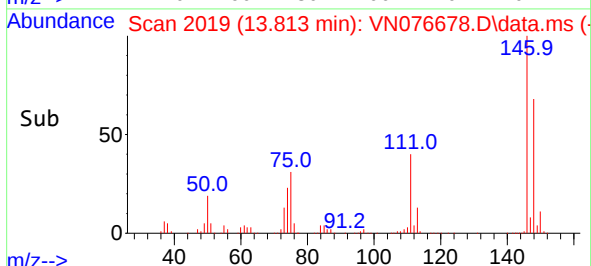
Tgt Ion:146 Resp: 507439
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.8
148 64.2 31.9 95.5

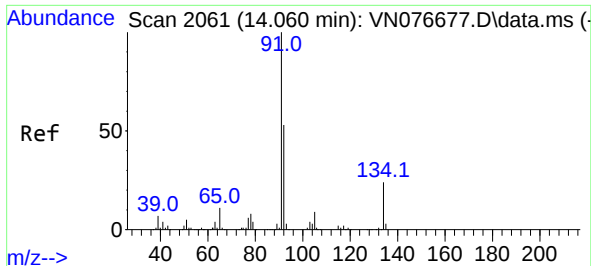


#84
1,4-Dichlorobenzene
Concen: 52.140 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion:146 Resp: 490337
Ion Ratio Lower Upper
146 100
111 38.9 18.2 54.6
148 65.2 31.1 93.2

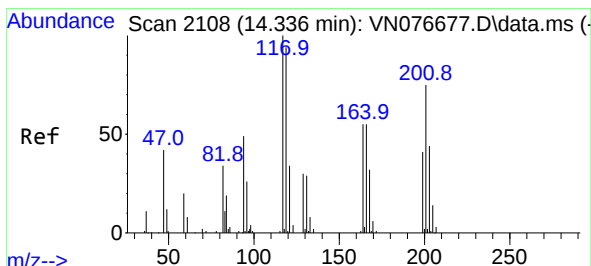
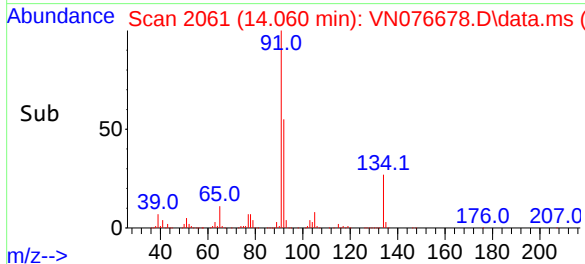
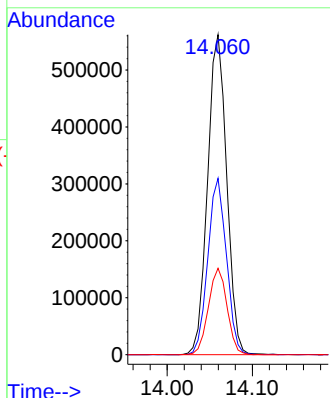
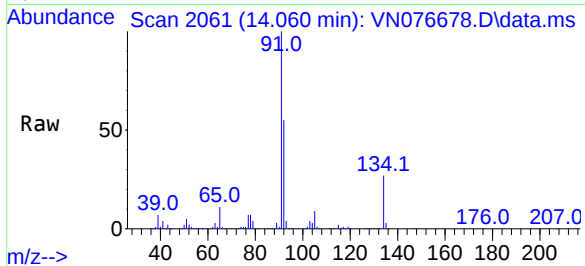




#85
n-Butylbenzene
Concen: 55.397 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

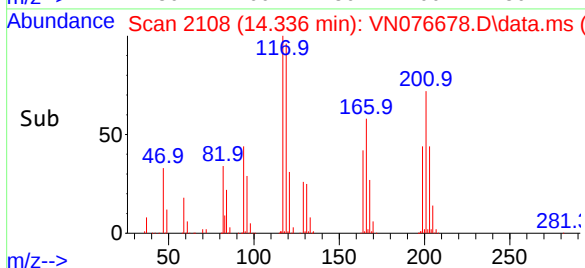
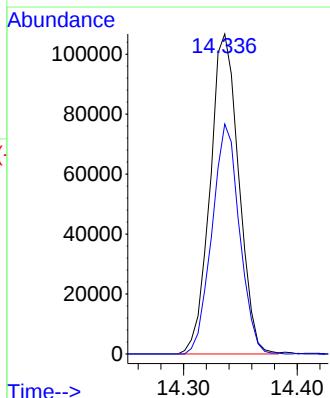
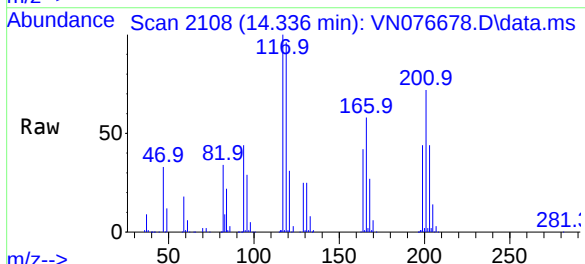
Instrument :
MSVOA_N
ClientSampleId :

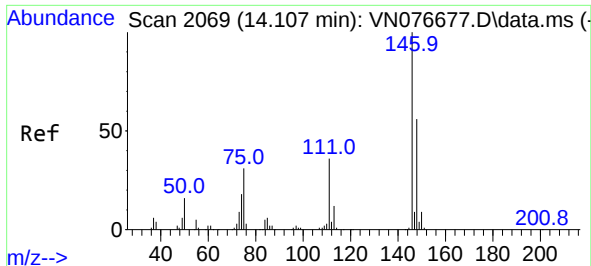
Tgt Ion: 91 Resp: 877806
Ion Ratio Lower Upper
91 100
92 53.6 0.0 103.2
134 26.4 0.0 50.0



#86
Hexachloroethane
Concen: 51.707 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion: 117 Resp: 187141
Ion Ratio Lower Upper
117 100
201 68.9 32.2 96.6

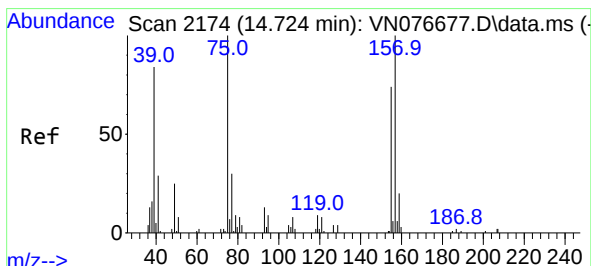
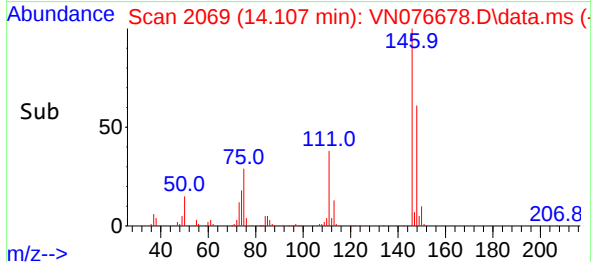
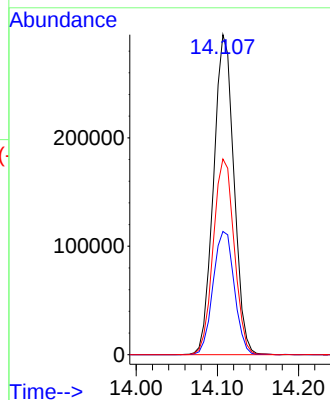
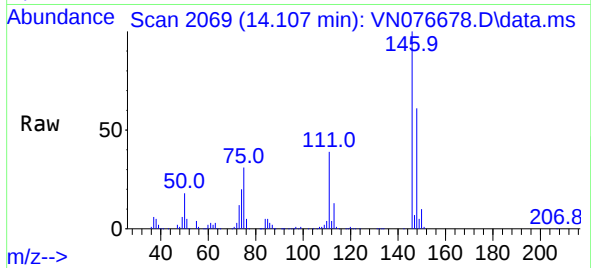




#87
1,2-Dichlorobenzene
Concen: 53.131 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

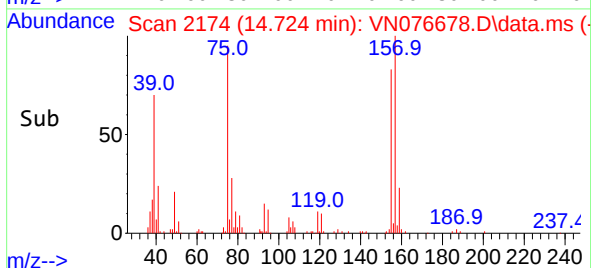
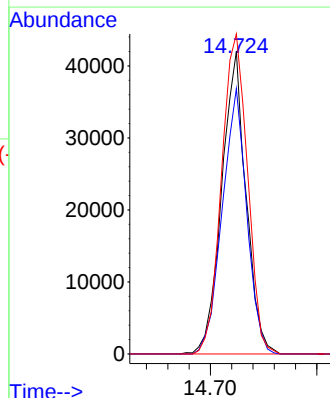
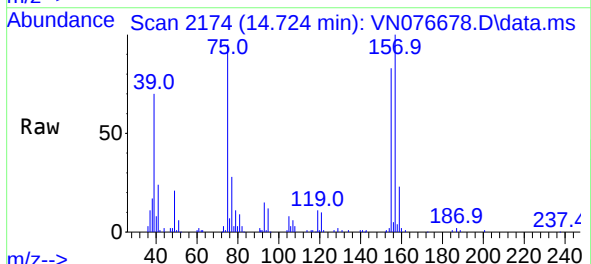
Instrument :
MSVOA_N
ClientSampleId :

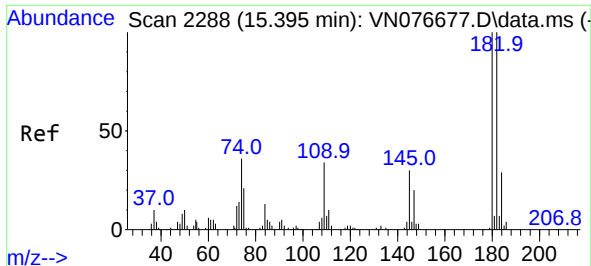
Tgt Ion:146 Resp: 515090
Ion Ratio Lower Upper
146 100
111 40.1 20.5 61.6
148 62.9 32.5 97.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 50.510 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

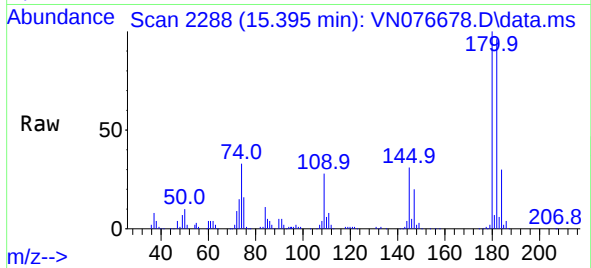
Tgt Ion: 75 Resp: 66614
Ion Ratio Lower Upper
75 100
155 88.2 62.5 93.7
157 112.4 77.5 116.3



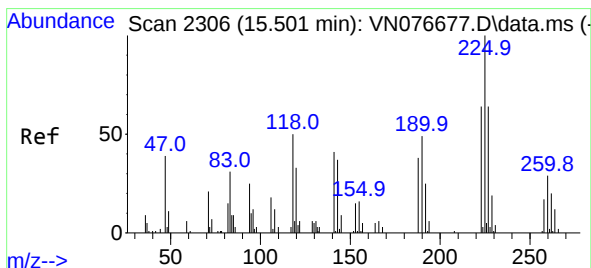
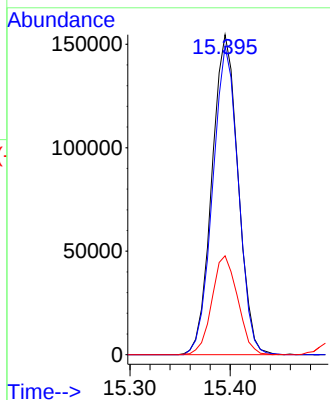
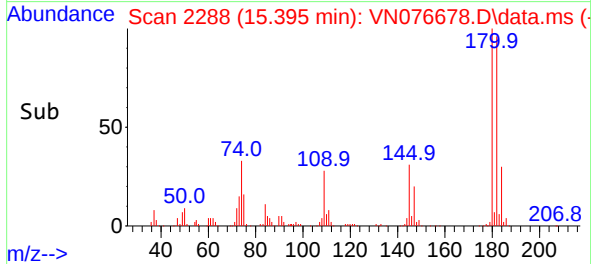


#89
1,2,4-Trichlorobenzene
Concen: 56.571 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

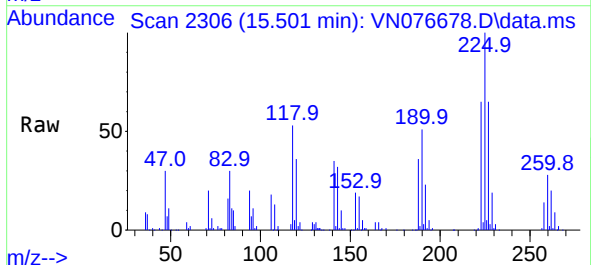
Instrument :
MSVOA_N
ClientSampleId :



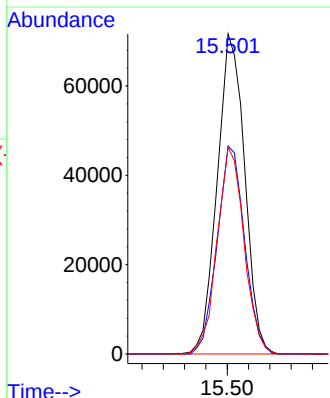
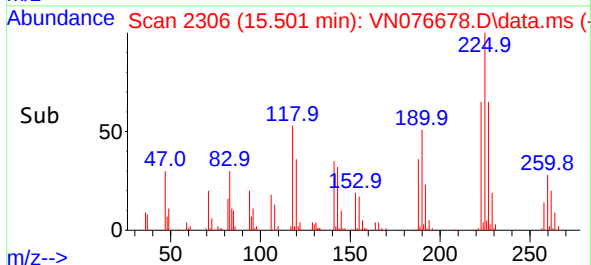
Tgt Ion:180 Resp: 279782
Ion Ratio Lower Upper
180 100
182 94.4 76.6 115.0
145 30.5 24.6 36.8

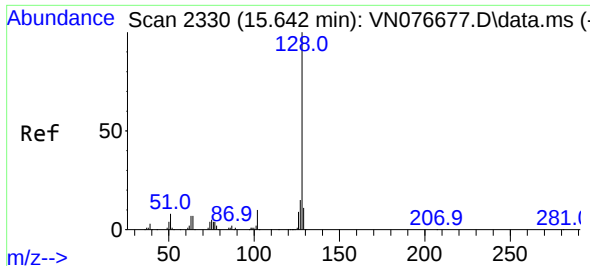


#90
Hexachlorobutadiene
Concen: 53.801 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11



Tgt Ion:225 Resp: 128186
Ion Ratio Lower Upper
225 100
223 64.9 0.0 135.4
227 63.2 0.0 129.4

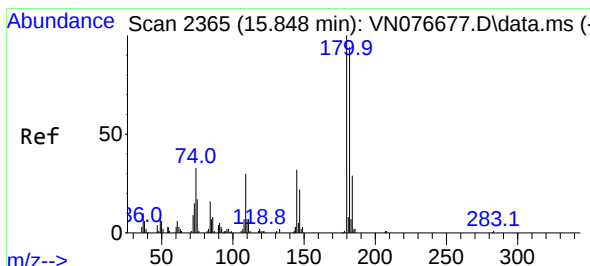
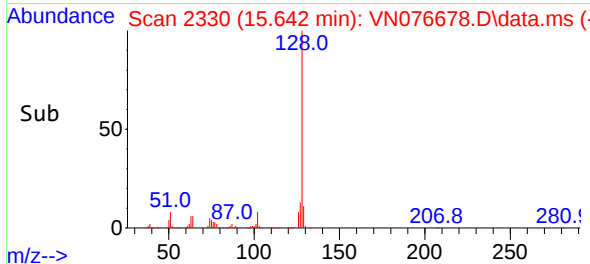
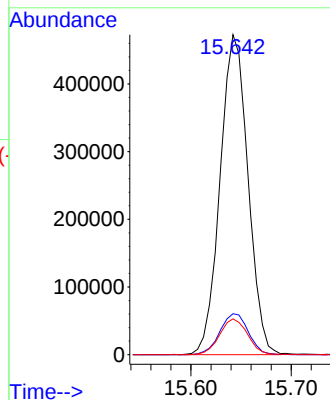
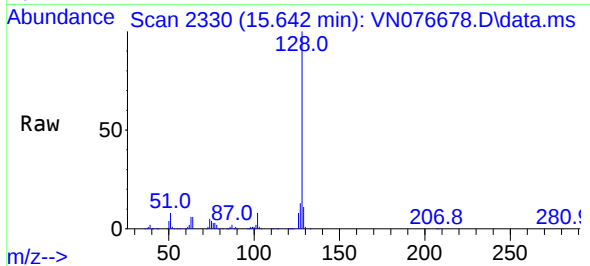




#91
Naphthalene
Concen: 57.503 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 914424
Ion Ratio Lower Upper
128 100
127 13.1 11.0 16.6
129 11.2 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 54.768 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN076678.D
Acq: 15 Feb 2023 11:11

Tgt Ion:180 Resp: 274931
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.8
145 33.0 0.0 65.0

