

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069135.D
 Acq On : 22 Oct 2021 15:06
 Operator : JC/MD
 Sample : M4068-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 23 07:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	67683	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	411619	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	366450	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	165939	31.477	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.933%	
60) 4-Bromofluorobenzene	12.733	95	168126	26.757	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 89.200%	
63) Toluene-d8	10.443	98	505979	30.561	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.867%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	8322	1.860	ug/l	99
3) Chloromethane	2.303	50	10385	2.232	ug/l	95
4) Vinyl Chloride	2.443	62	11573	2.087	ug/l	97
5) Bromomethane	2.858	94	9937	2.732	ug/l	93
6) Chloroethane	3.022	64	7790	2.167	ug/l	93
7) Trichlorofluoromethane	3.381	101	15458	2.152	ug/l	96
8) Diethyl Ether	3.829	74	5512	2.168	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.205	101	2955	0.757	ug/l #	52
10) 1,1-Dichloroethene	4.191	96	7976	2.095	ug/l	88
11) Methyl Iodide	4.422	142	8337	1.558	ug/l	93
12) Methyl Acetate	4.859	43	17484	2.412	ug/l	100
13) Acrolein	4.044	56	6584	15.074	ug/l	92
15) Acetone	4.291	58	5652	8.789	ug/l	88
16) Carbon Disulfide	4.535	76	20796	2.033	ug/l	95
17) Allyl chloride	4.843	41	13064	1.993	ug/l	87
18) Methylene Chloride	5.098	84	6535	1.445	ug/l	98
19) trans-1,2-Dichloroethene	5.599	96	8687	2.102	ug/l	94
20) Diisopropyl ether	6.498	45	27197	1.942	ug/l	95
21) 1,1-Dichloroethane	6.391	63	16386	2.097	ug/l	98
22) cis-1,2-Dichloroethene	7.324	96	10520	2.123	ug/l	98
23) tert-Butyl Alcohol	5.361	59	4805	5.693	ug/l #	100
24) Methyl tert-Butyl Ether	5.621	73	29623	2.052	ug/l	98
25) Chloroform	7.820	83	17400	2.083	ug/l	95
26) Cyclohexane	8.096	56	15044	2.090	ug/l #	97
29) 1,1-Dichloropropene	8.225	75	12508	1.931	ug/l	62
30) 2-Butanone	7.337	43	30039	9.658	ug/l #	94
31) 2,2-Dichloropropane	7.327	77	14679	1.892	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	15605	1.936	ug/l	99
33) Carbon Tetrachloride	8.209	117	12459	1.820	ug/l	98
34) Benzene	8.461	78	38086	1.969	ug/l #	54
35) Methacrylonitrile	7.635	41	5946	1.918	ug/l	92
36) 1,2-Dichloroethane	8.531	62	14906	2.135	ug/l	96
37) Trichloroethene	9.220	130	9741	1.980	ug/l	95
38) Methylcyclohexane	9.459	83	15937	1.933	ug/l	86
39) 1,2-Dichloropropane	9.494	63	9590	1.944	ug/l	99
40) Dibromomethane	9.579	93	6915	2.005	ug/l	73
41) Bromodichloromethane	9.762	83	12693	1.842	ug/l #	93
42) Vinyl Acetate	6.433	43	93568	8.431	ug/l #	91
43) Ethyl Acetate	7.418	43	10664	1.758	ug/l	94

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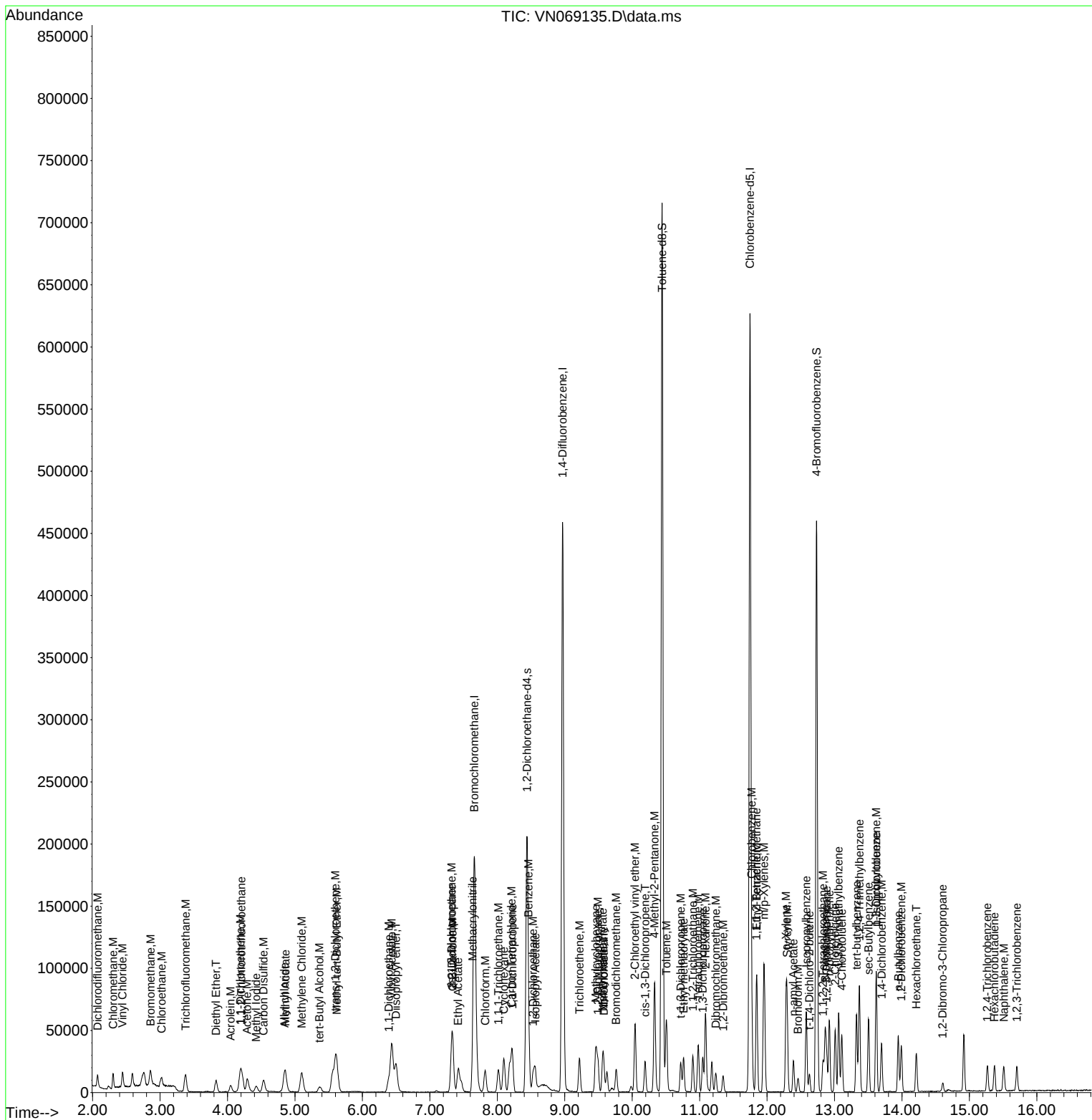
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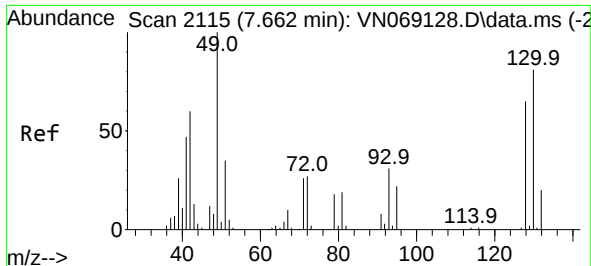
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.563	43	23076	2.054	ug/l #	83
45) 1,4-Dioxane	9.574	88	3418	38.014	ug/l #	89
46) Methyl methacrylate	9.561	41	9032	1.778	ug/l	86
47) n-amyl Acetate	12.390	43	15657	1.642	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	13526	1.697	ug/l	97
49) cis-1,3-Dichloropropene	10.191	75	14911	1.797	ug/l	99
50) 1,1,2-Trichloroethane	10.899	97	9821	1.984	ug/l	98
51) Ethyl methacrylate	10.762	69	15011	1.840	ug/l	94
52) 1,3-Dichloropropane	11.046	76	16237	1.950	ug/l	98
53) Dibromochloromethane	11.240	129	8825	1.670	ug/l	99
54) 1,2-Dibromoethane	11.350	107	9673	1.870	ug/l	98
55) 2-Chloroethyl vinyl ether	10.041	63	25581	9.876	ug/l	100
56) Bromoform	12.457	173	5452	1.432	ug/l #	97
58) 4-Methyl-2-Pentanone	10.330	43	62089	10.043	ug/l	97
59) 2-Hexanone	11.087	43	45760	9.802	ug/l	100
61) Tetrachloroethene	10.979	164	9161	2.300	ug/l	92
62) Toluene	10.507	91	44717	2.095	ug/l	99
64) Chlorobenzene	11.771	112	26512	2.048	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.840	131	8726	1.812	ug/l	93
66) Ethyl Benzene	11.846	91	46893	1.954	ug/l	100
67) m/p-Xylenes	11.956	106	34606	3.835	ug/l	95
68) o-Xylene	12.280	106	17552	1.942	ug/l	97
69) Styrene	12.299	104	26500	1.770	ug/l	98
70) Isopropylbenzene	12.581	105	45135	1.905	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	13112	1.888	ug/l	99
72) 1,2,3-Trichloropropane	12.881	75	15695	2.631	ug/l	66
73) Bromobenzene	12.862	156	9924	1.848	ug/l	94
74) n-propylbenzene	12.924	91	49213	1.809	ug/l	99
75) 2-Chlorotoluene	13.010	91	30385	1.824	ug/l	98
76) 1,3,5-Trimethylbenzene	13.061	105	37022	1.875	ug/l	97
77) t-1,4-Dichloro-2-butene	12.626	75	3172	1.359	ug/l	96
78) 4-Chlorotoluene	13.109	91	28848	1.767	ug/l	95
79) tert-butylbenzene	13.326	119	32129	1.853	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	35521	1.833	ug/l #	82
81) sec-Butylbenzene	13.503	105	43624	1.798	ug/l	98
82) p-Isopropyltoluene	13.618	119	34080	1.722	ug/l	99
83) 1,3-Dichlorobenzene	13.618	146	16762	1.773	ug/l	99
84) 1,4-Dichlorobenzene	13.699	146	16254	1.766	ug/l	96
85) n-Butylbenzene	13.946	91	27958	1.689	ug/l	99
86) Hexachloroethane	14.214	117	5279	1.424	ug/l	88
87) 1,2-Dichlorobenzene	13.991	146	15993	1.771	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	1988	1.537	ug/l	90
89) 1,2,4-Trichlorobenzene	15.265	180	7620	1.673	ug/l	95
90) Hexachlorobutadiene	15.370	225	4436	1.863	ug/l	97
91) Naphthalene	15.509	128	19762	1.500	ug/l	97
92) 1,2,3-Trichlorobenzene	15.702	180	7278	1.672	ug/l	97

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

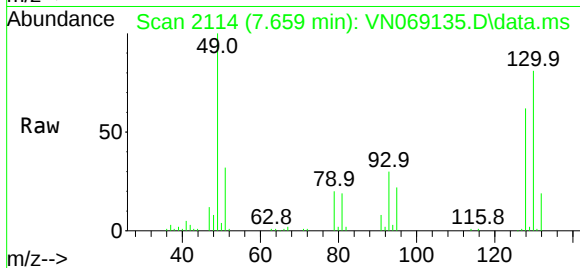
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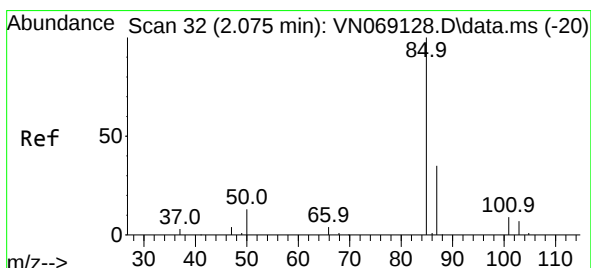
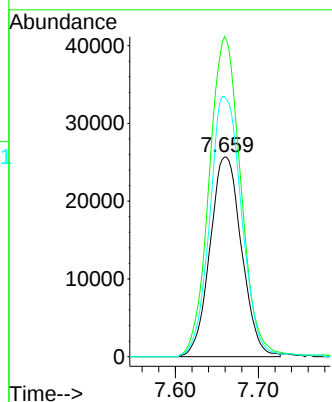
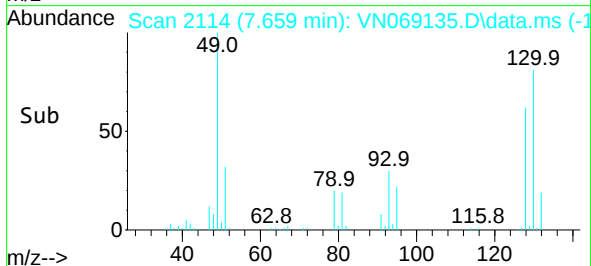


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
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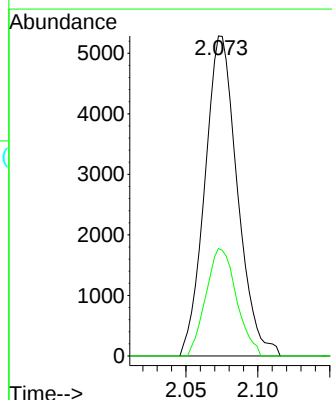
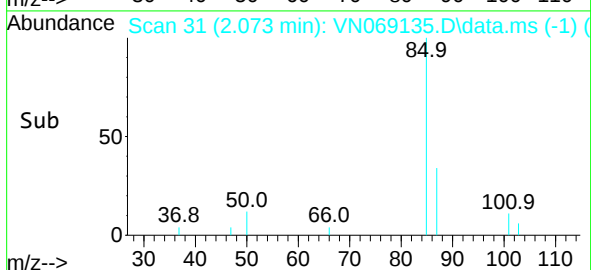
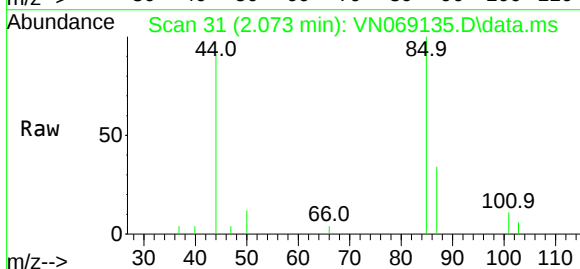


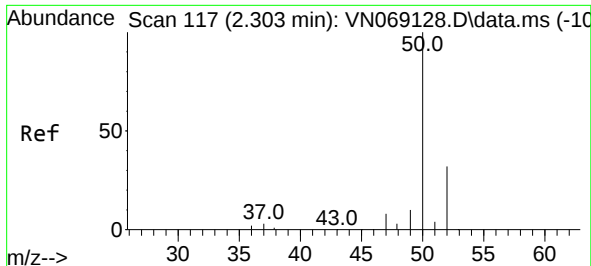
Tgt Ion:128 Resp: 67683
Ion Ratio Lower Upper
128 100
49 160.7 0.0 392.3
130 132.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 1.860 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 85 Resp: 8322
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.7

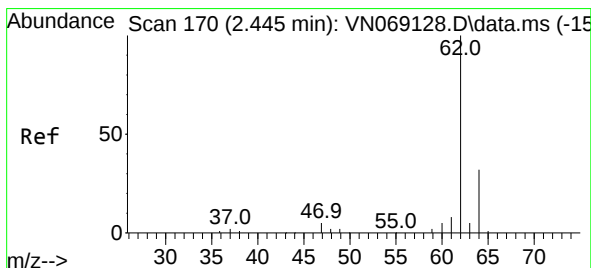
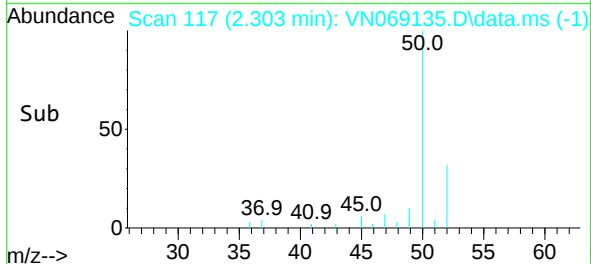
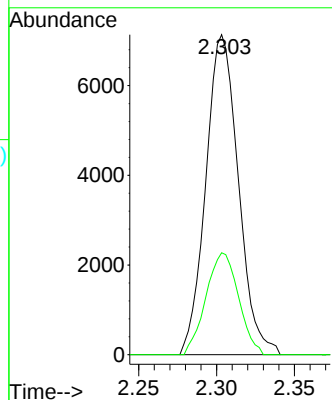
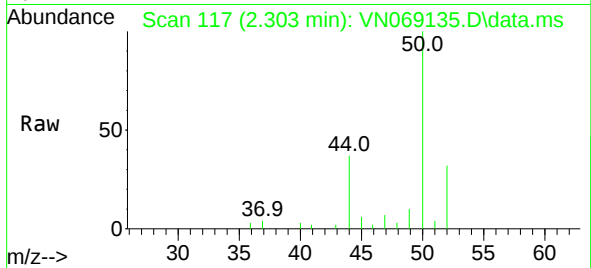




#3
Chloromethane
Concen: 2.232 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

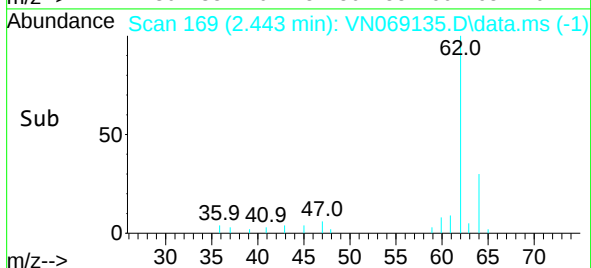
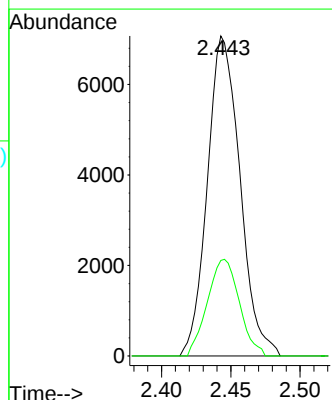
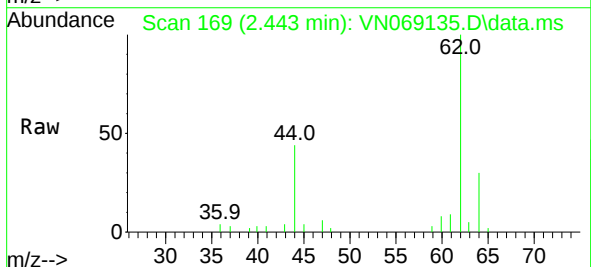
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MSVOA_N
ClientSampleId :

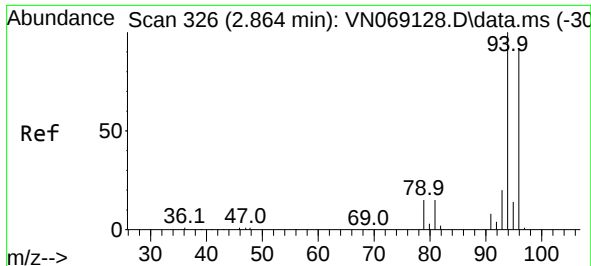
Tgt Ion: 50 Resp: 10385
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6



#4
Vinyl Chloride
Concen: 2.087 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

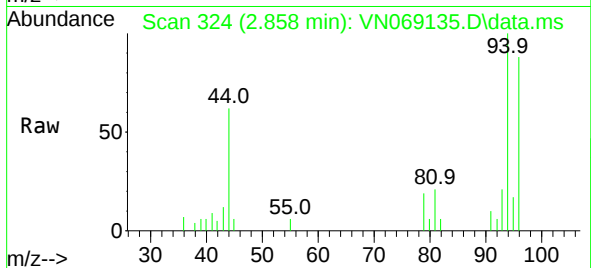
Tgt Ion: 62 Resp: 11573
Ion Ratio Lower Upper
62 100
64 29.9 25.1 37.7



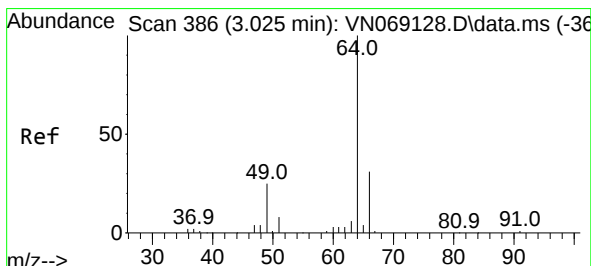
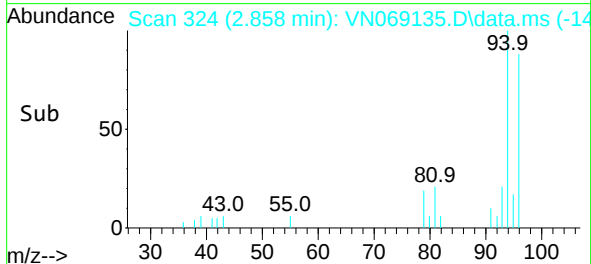
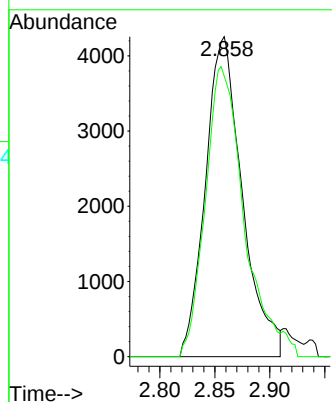


#5
Bromomethane
Concen: 2.732 ug/l
RT: 2.858 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

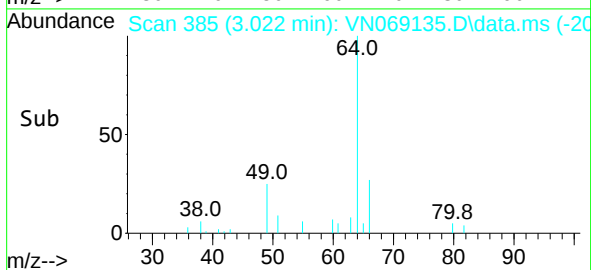
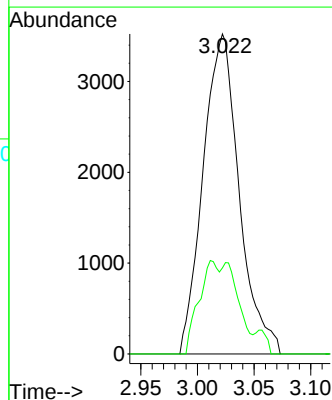
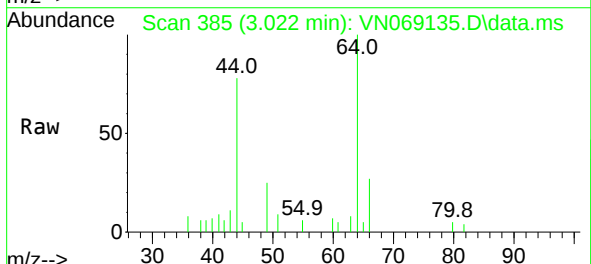


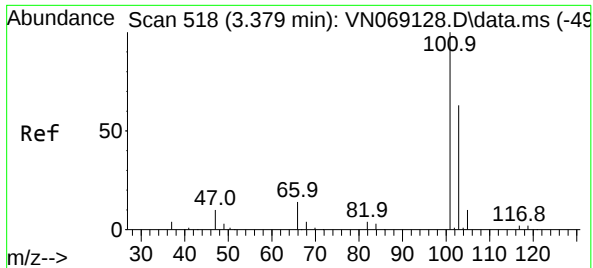
Tgt Ion: 94 Resp: 9937
Ion Ratio Lower Upper
94 100
96 87.7 75.2 112.8



#6
Chloroethane
Concen: 2.167 ug/l
RT: 3.022 min Scan# 385
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

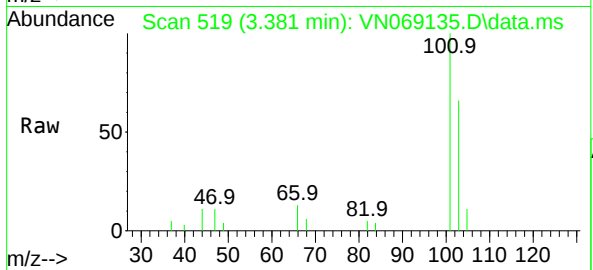
Tgt Ion: 64 Resp: 7790
Ion Ratio Lower Upper
64 100
66 26.9 24.6 36.8



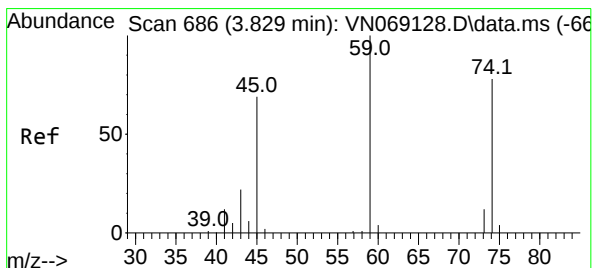
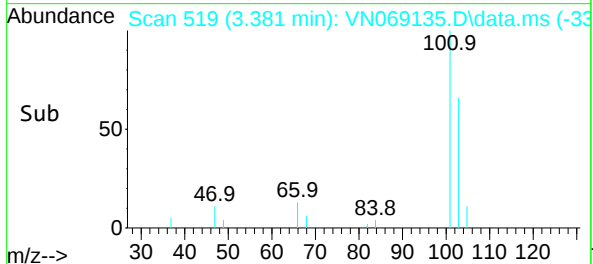
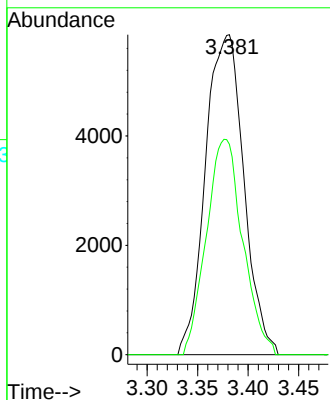


#7
 Trichlorofluoromethane
 Concen: 2.152 ug/l
 RT: 3.381 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

Instrument :
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 ClientSampleId :

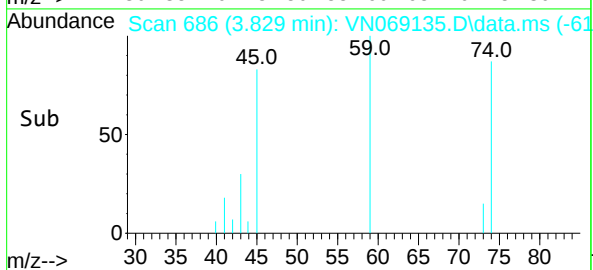
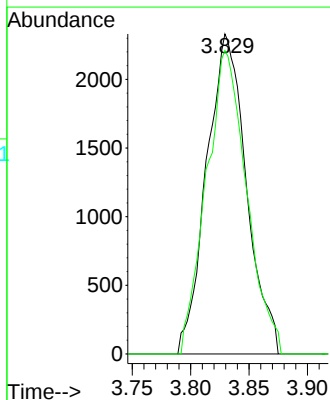
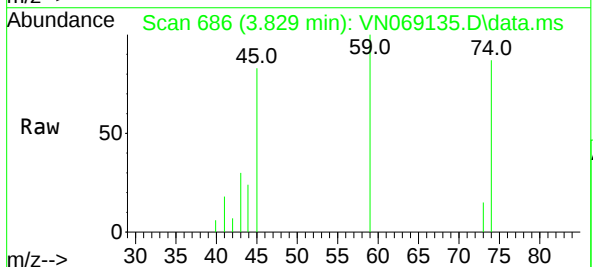


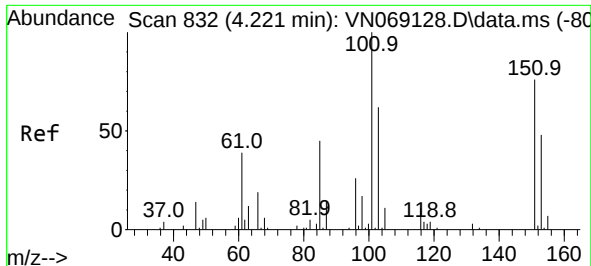
Tgt Ion:101 Resp: 15458
 Ion Ratio Lower Upper
 101 100
 103 65.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 2.168 ug/l
 RT: 3.829 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

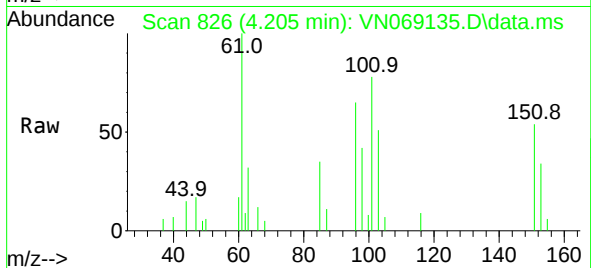
Tgt Ion: 74 Resp: 5512
 Ion Ratio Lower Upper
 74 100
 45 96.1 17.6 158.8



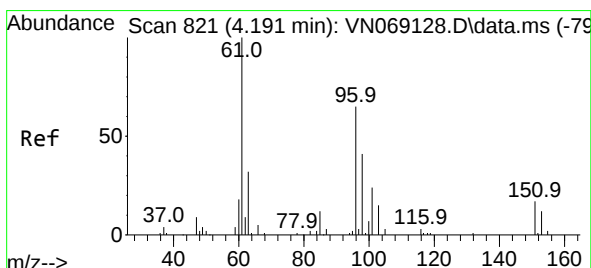
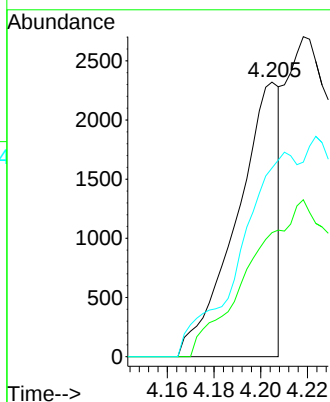
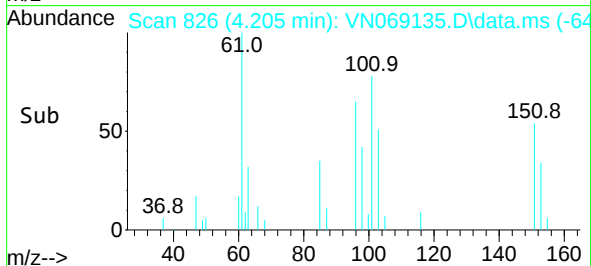


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.757 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.016 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

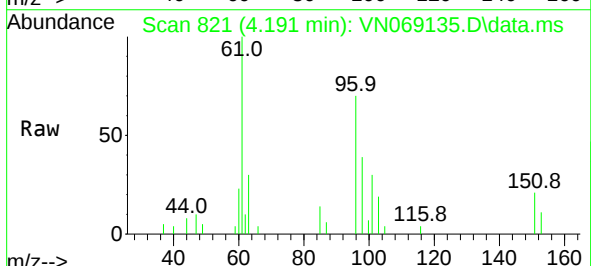
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MSVOA_N
ClientSampleId :



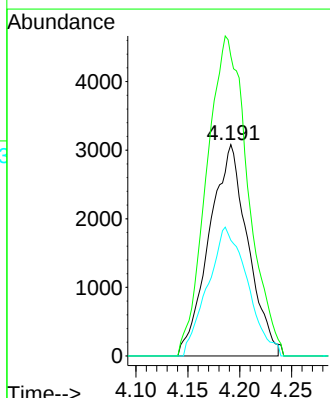
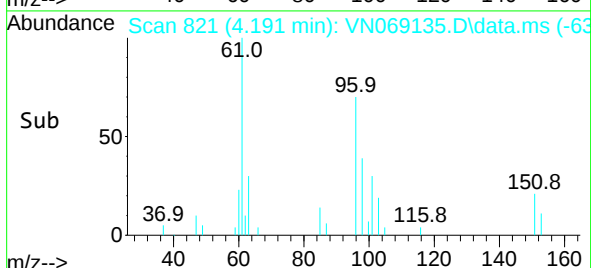
Tgt Ion:101 Resp: 2955
Ion Ratio Lower Upper
101 100
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151 97.8 0.0 74.6#

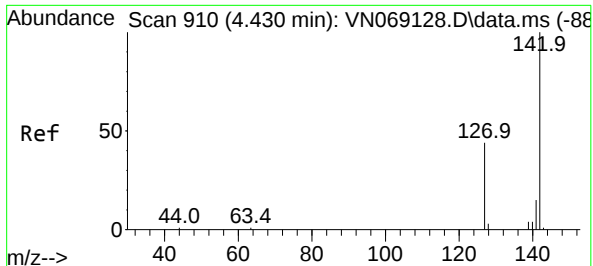


#10
1,1-Dichloroethene
Concen: 2.095 ug/l
RT: 4.191 min Scan# 821
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06



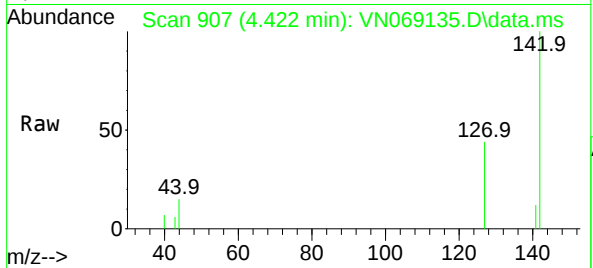
Tgt Ion: 96 Resp: 7976
Ion Ratio Lower Upper
96 100
61 141.9 126.2 189.4
98 54.7 50.9 76.3



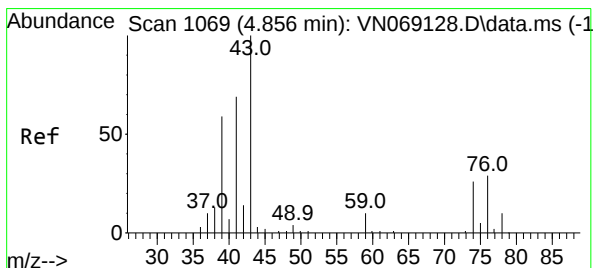
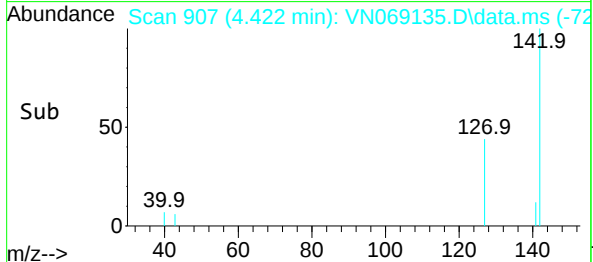
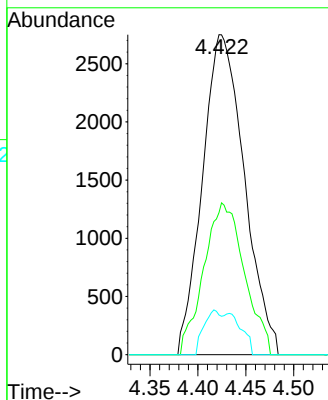


#11
Methyl Iodide
Concen: 1.558 ug/l
RT: 4.422 min Scan# 90
Delta R.T. -0.008 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

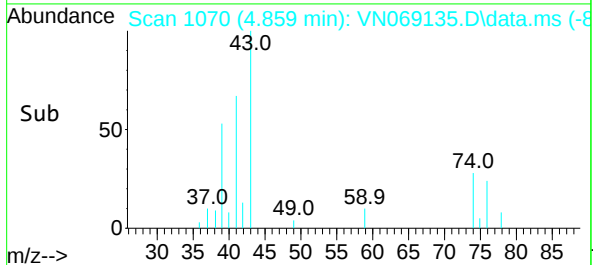
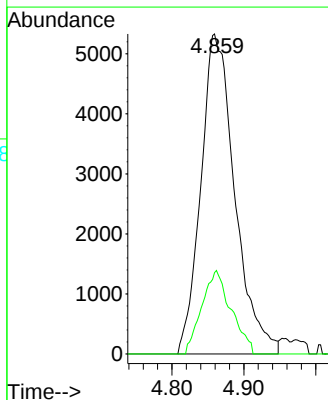
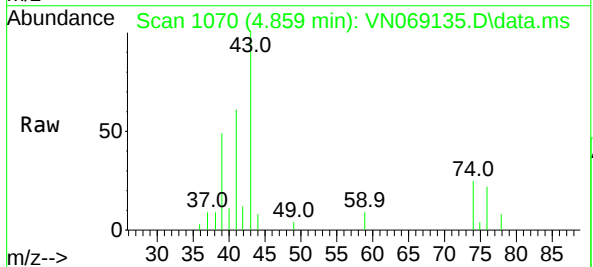


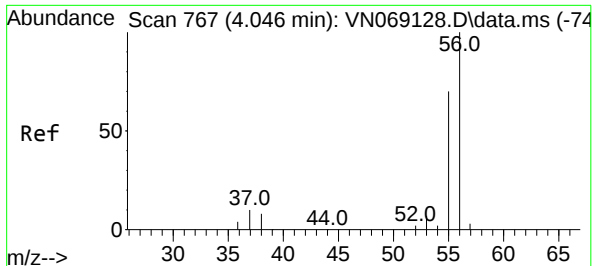
Tgt Ion:142 Resp: 8337
Ion Ratio Lower Upper
142 100
127 44.4 24.0 72.0
141 12.4 8.4 25.2



#12
Methyl Acetate
Concen: 2.412 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

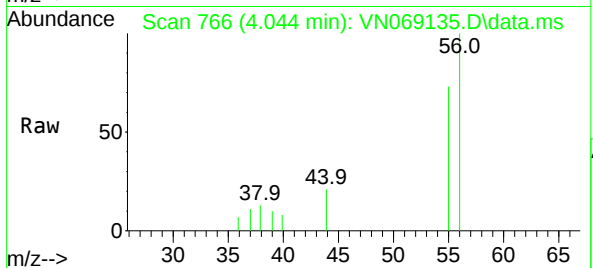
Tgt Ion: 43 Resp: 17484
Ion Ratio Lower Upper
43 100
74 25.9 20.8 31.2



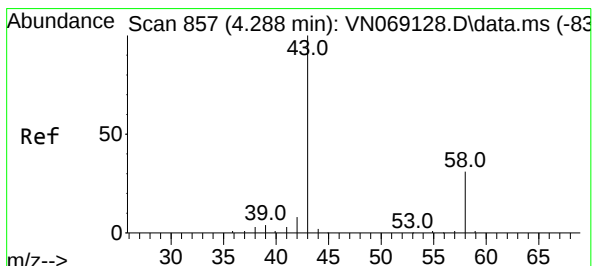
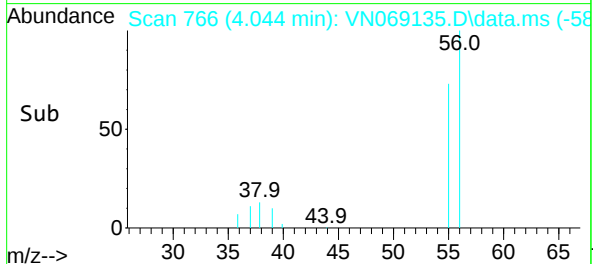
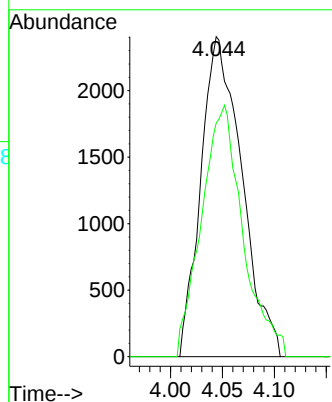


#13
Acrolein
Concen: 15.074 ug/l
RT: 4.044 min Scan# 767
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

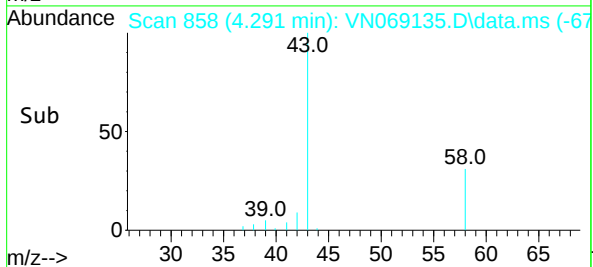
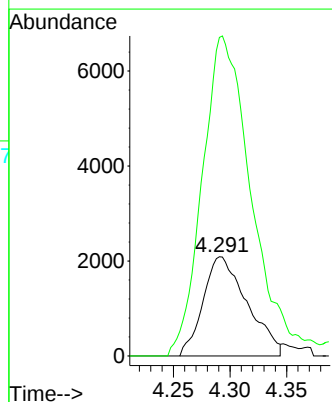
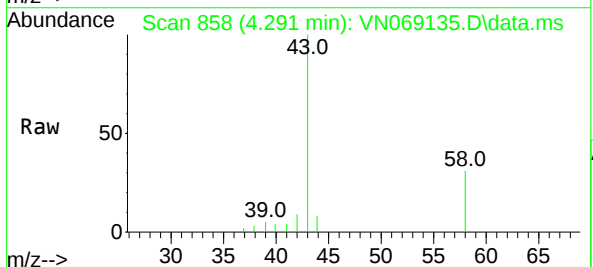


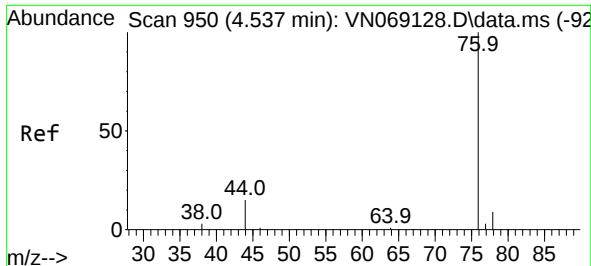
Tgt Ion: 56 Resp: 6584
Ion Ratio Lower Upper
56 100
55 78.6 57.6 86.4



#15
Acetone
Concen: 8.789 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

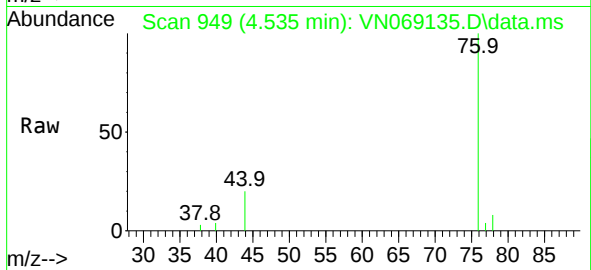
Tgt Ion: 58 Resp: 5652
Ion Ratio Lower Upper
58 100
43 296.2 256.6 384.8



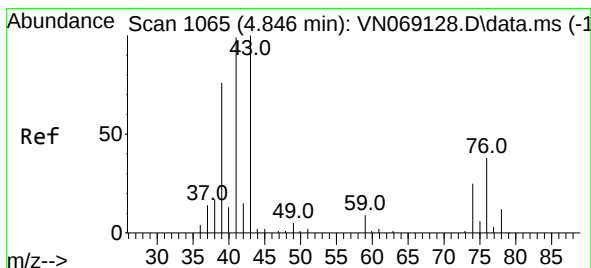
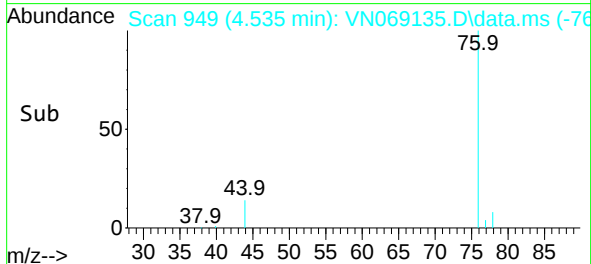
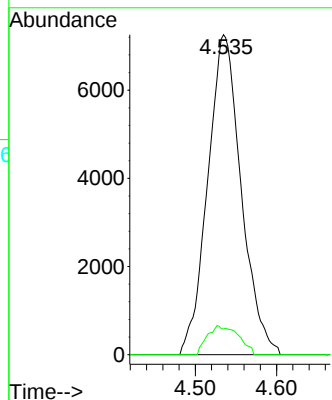


#16
Carbon Disulfide
Concen: 2.033 ug/l
RT: 4.535 min Scan# 94
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

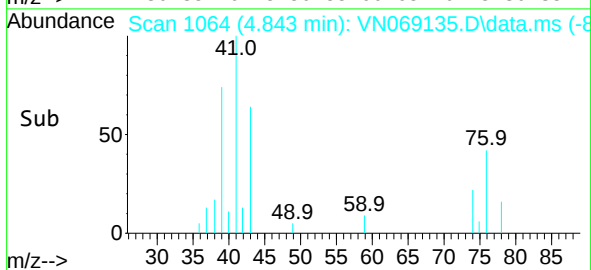
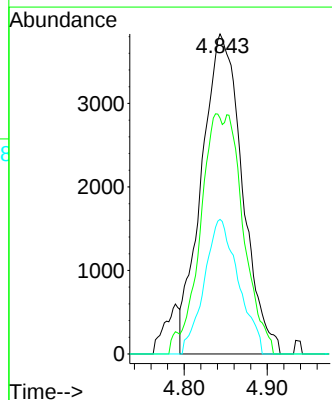
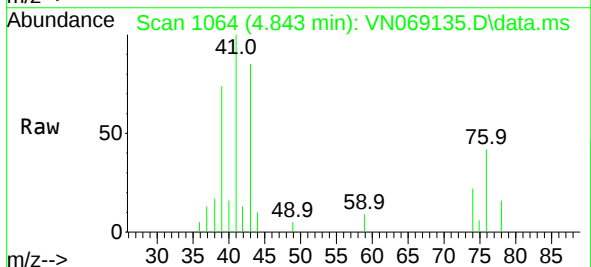


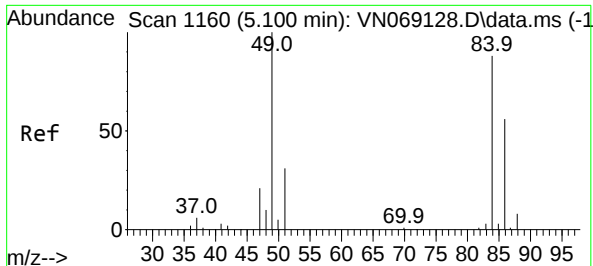
Tgt Ion: 76 Resp: 20796
Ion Ratio Lower Upper
76 100
78 8.0 7.8 11.8



#17
Allyl chloride
Concen: 1.993 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

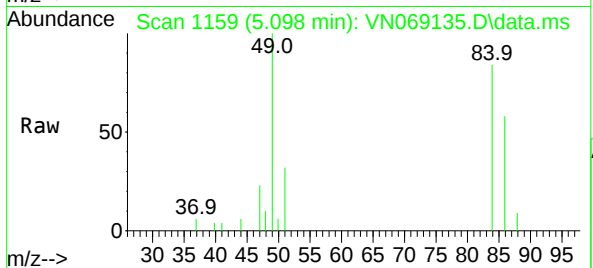
Tgt Ion: 41 Resp: 13064
Ion Ratio Lower Upper
41 100
39 73.7 44.6 134.0
76 42.0 19.6 58.7



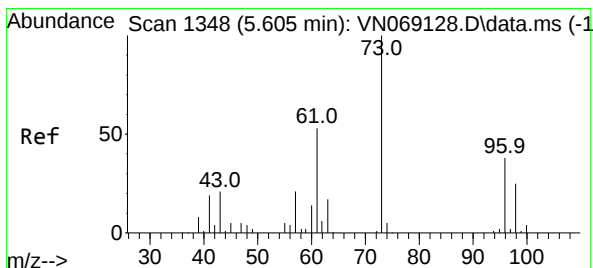
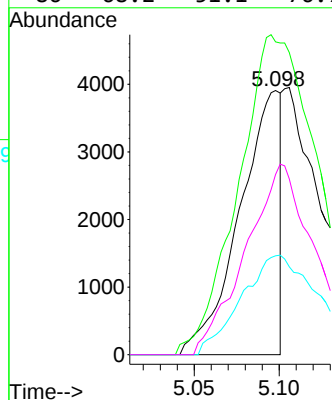


#18
Methylene Chloride
Concen: 1.445 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

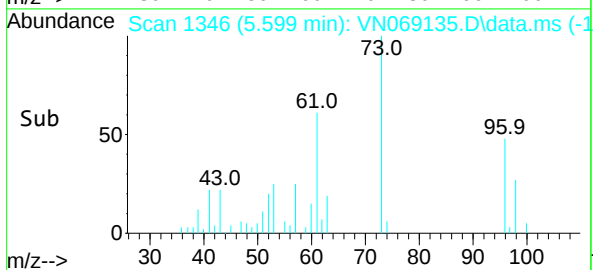
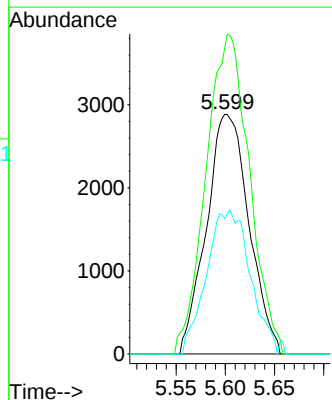
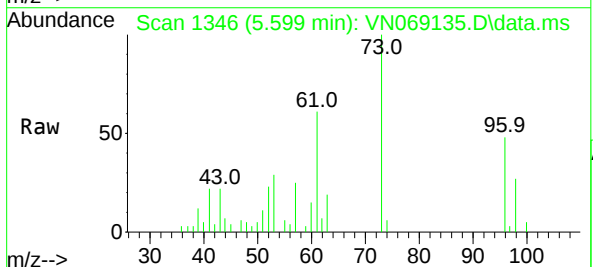


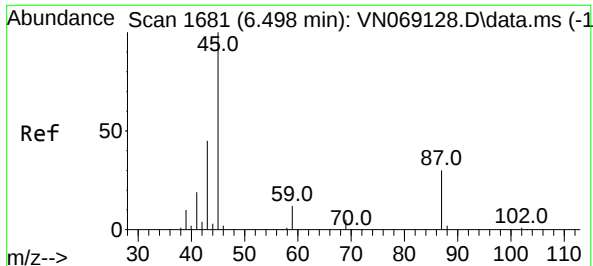
Tgt Ion:	84	Resp:	6535
Ion	Ratio	Lower	Upper
84	100		
49	114.5	91.4	137.0
51	37.4	29.4	44.0
86	68.2	51.1	76.7



#19
trans-1,2-Dichloroethene
Concen: 2.102 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.005 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:	96	Resp:	8687
Ion	Ratio	Lower	Upper
96	100		
61	122.1	102.8	154.2
98	56.5	49.3	73.9

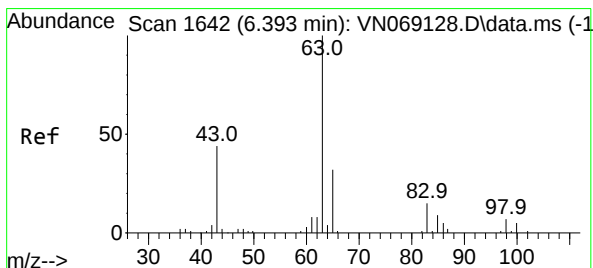
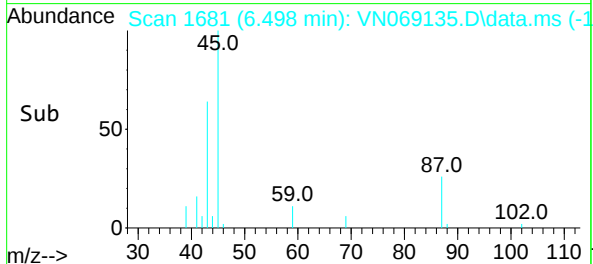
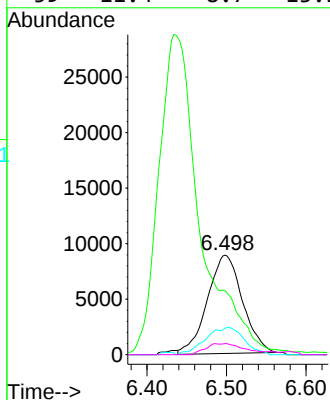
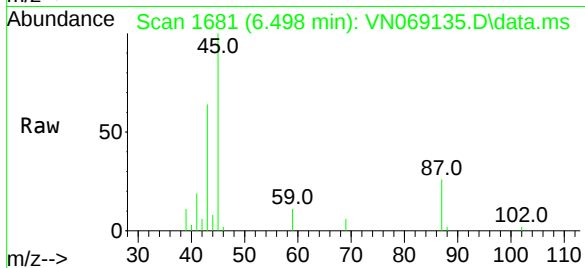




#20
Diisopropyl ether
Concen: 1.942 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

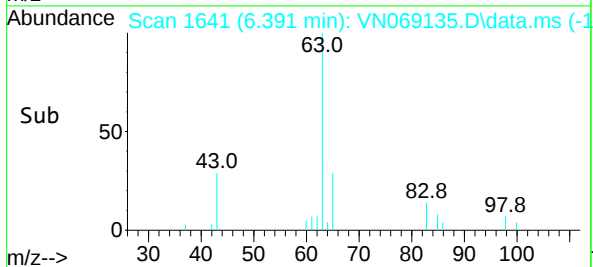
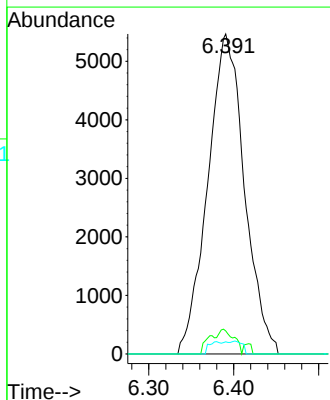
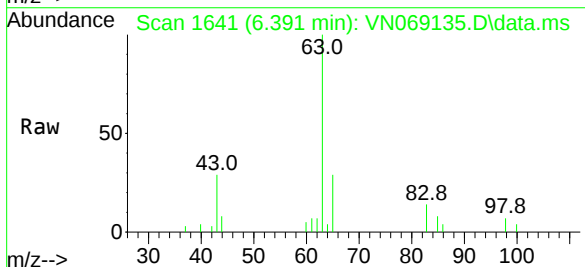
Instrument :
MSVOA_N
ClientSampleId :

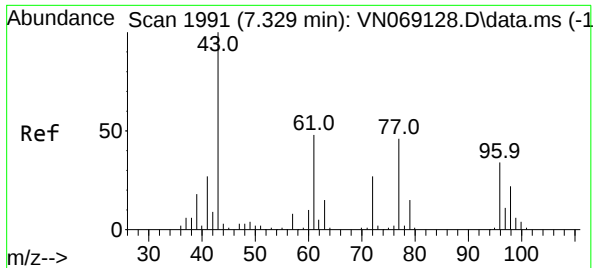
Tgt Ion:	45	Resp:	27197
Ion	Ratio	Lower	Upper
45	100		
43	60.8	51.0	76.4
87	27.1	25.0	37.4
59	11.4	8.7	13.1



#21
1,1-Dichloroethane
Concen: 2.097 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:	63	Resp:	16386
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.2	9.6
100	3.8	2.1	6.2

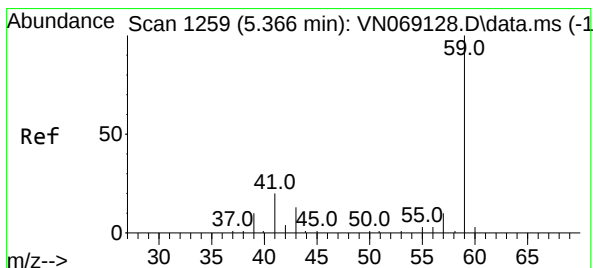
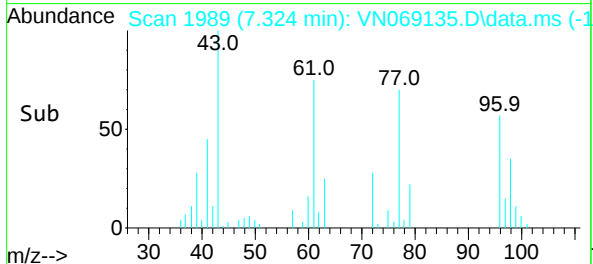
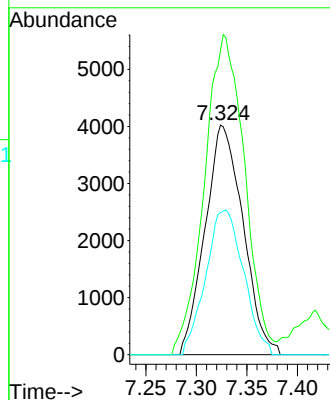
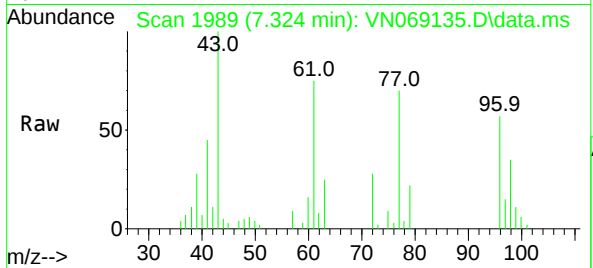




#22
 cis-1,2-Dichloroethene
 Concen: 2.123 ug/l
 RT: 7.324 min Scan# 1991
 Delta R.T. -0.005 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

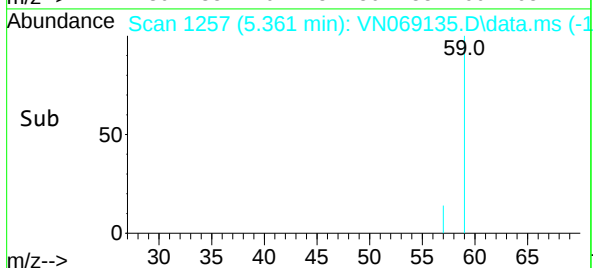
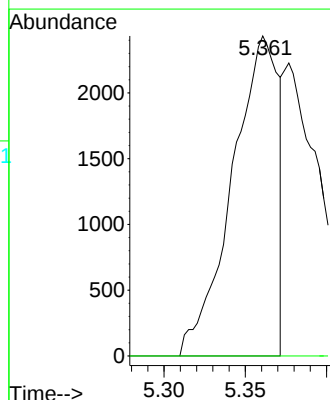
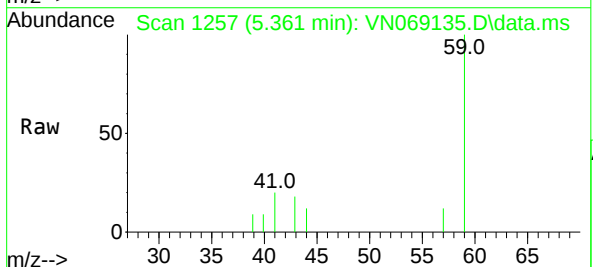
Instrument :
 MSVOA_N
 ClientSampleId :

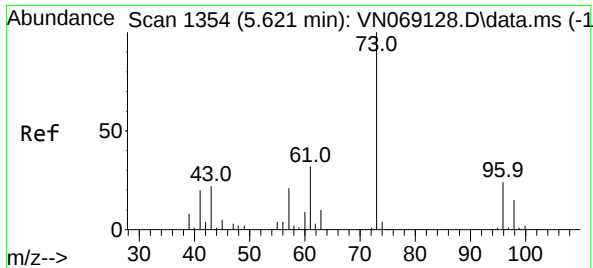
Tgt Ion: 96 Resp: 10520
 Ion Ratio Lower Upper
 96 100
 61 147.0 115.7 173.5
 98 62.7 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 5.693 ug/l
 RT: 5.361 min Scan# 1257
 Delta R.T. -0.005 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

Tgt Ion: 59 Resp: 4805
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

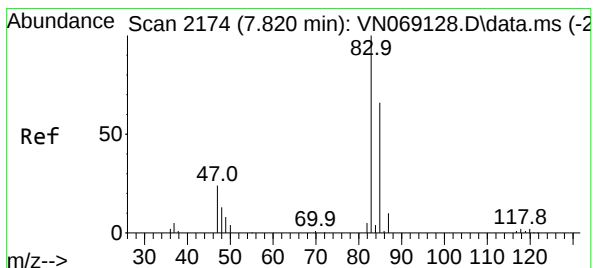
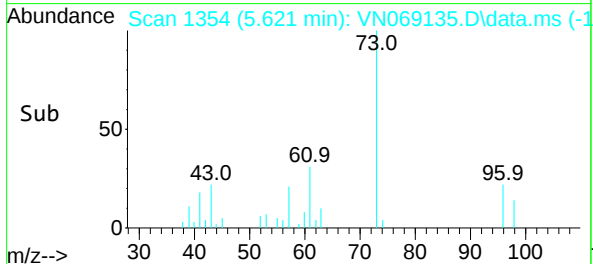
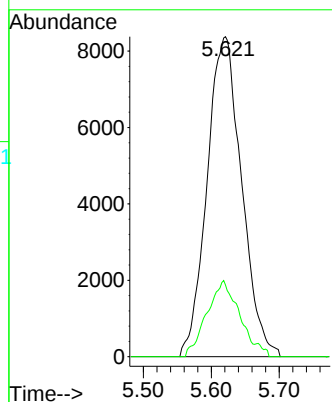
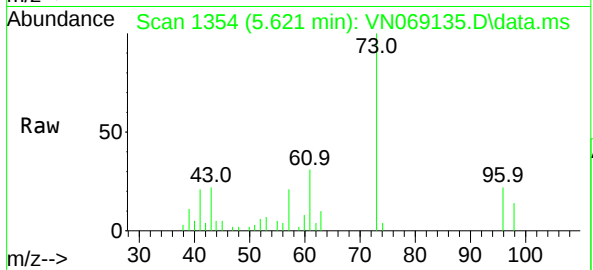




#24
Methyl tert-Butyl Ether
Concen: 2.052 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

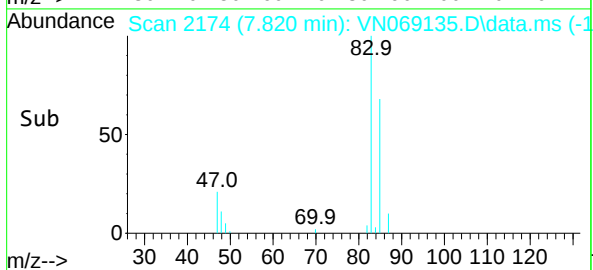
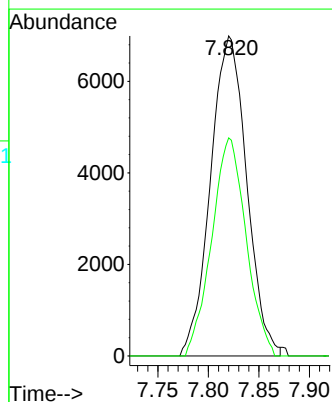
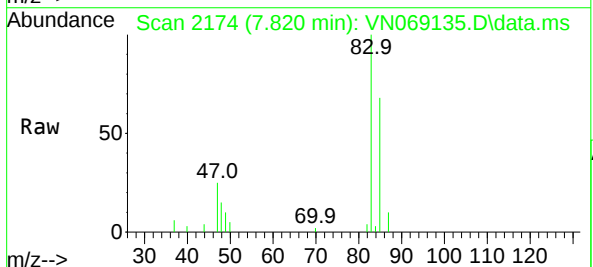
Instrument :
MSVOA_N
ClientSampleId :

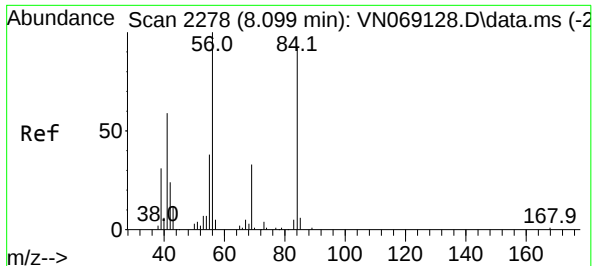
Tgt Ion: 73 Resp: 29623
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1



#25
Chloroform
Concen: 2.083 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

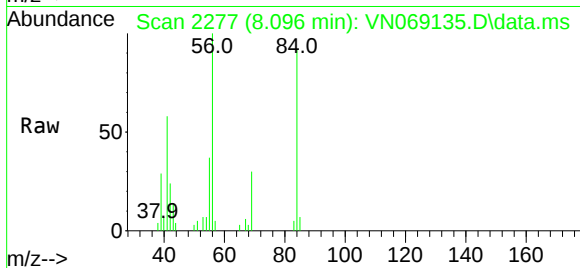
Tgt Ion: 83 Resp: 17400
Ion Ratio Lower Upper
83 100
85 68.1 51.3 76.9



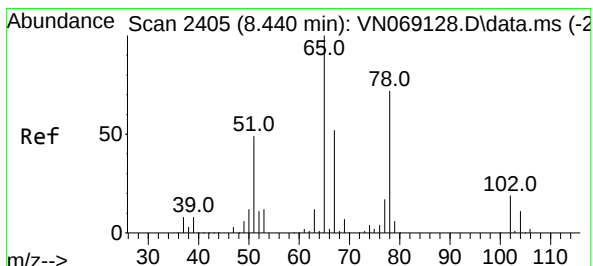
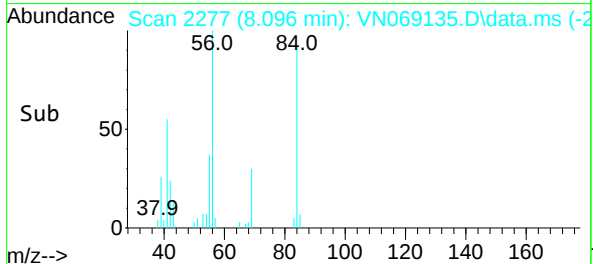
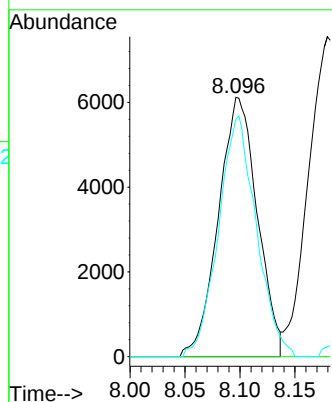


#26
Cyclohexane
Concen: 2.090 ug/l
RT: 8.096 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

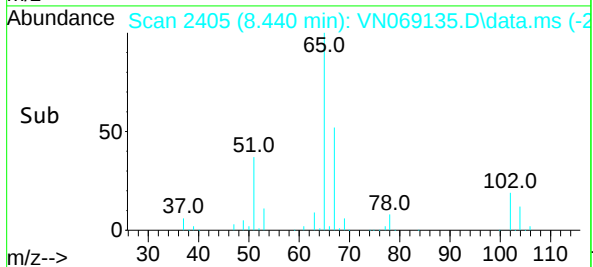
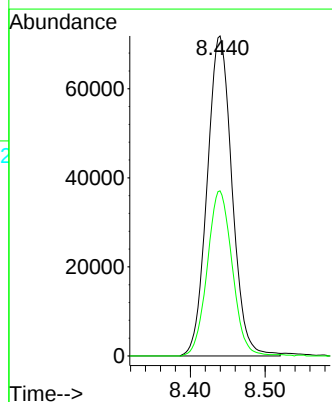
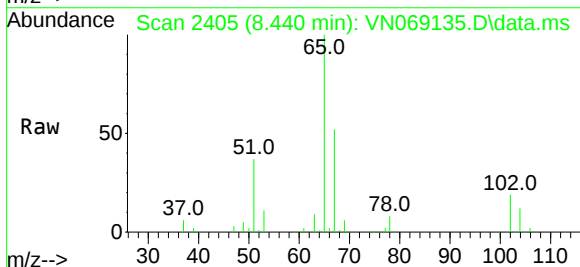


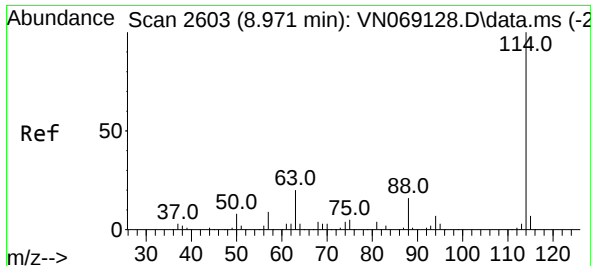
Tgt Ion: 56 Resp: 15044
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 90.2 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 31.477 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 65 Resp: 165939
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2603

Delta R.T. -0.003 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

ClientSampleId :

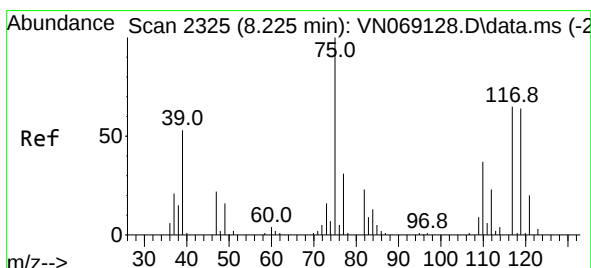
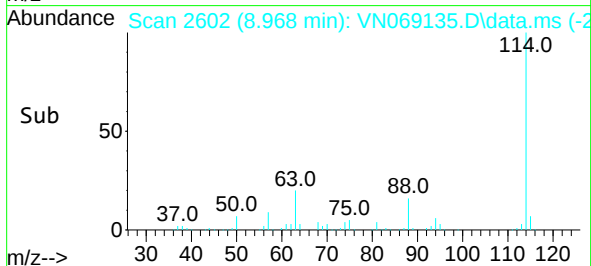
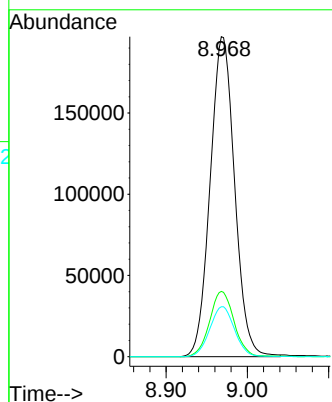
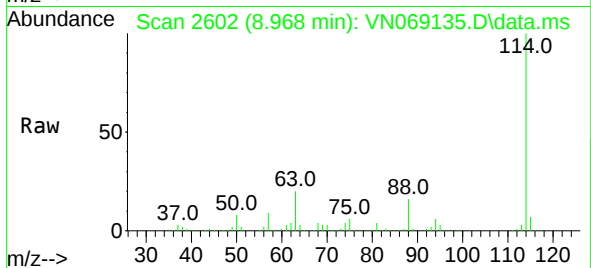
Tgt Ion:114 Resp: 411619

Ion Ratio Lower Upper

114 100

63 20.5 15.8 23.6

88 15.8 11.6 17.4



#29

1,1-Dichloropropene

Concen: 1.931 ug/l

RT: 8.225 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

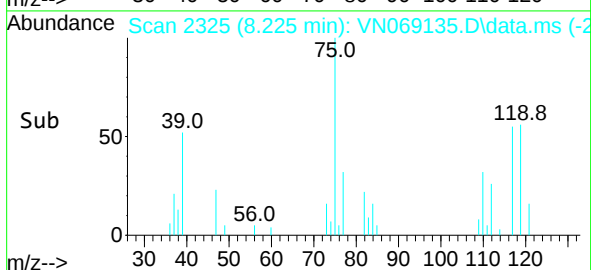
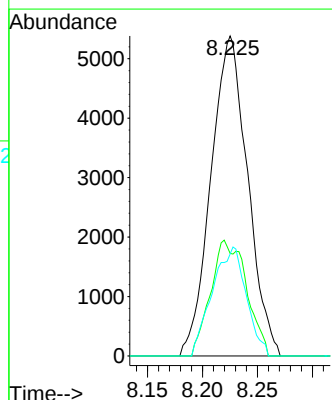
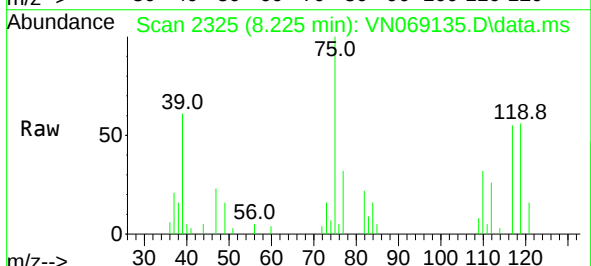
Tgt Ion: 75 Resp: 12508

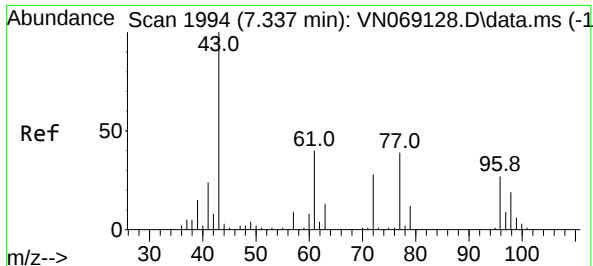
Ion Ratio Lower Upper

75 100

110 21.7 0.0 74.2

77 2.2 0.0 63.2





#30

2-Butanone

Concen: 9.658 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

ClientSampleId :

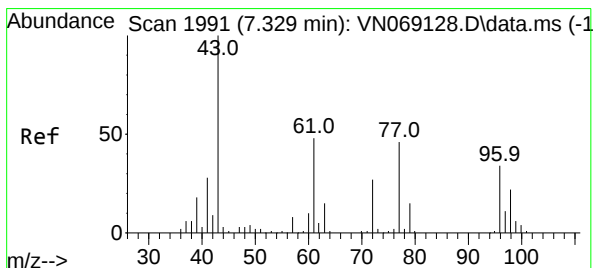
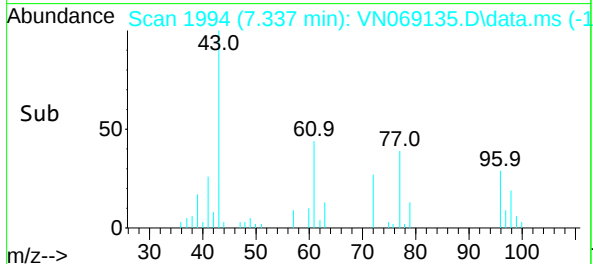
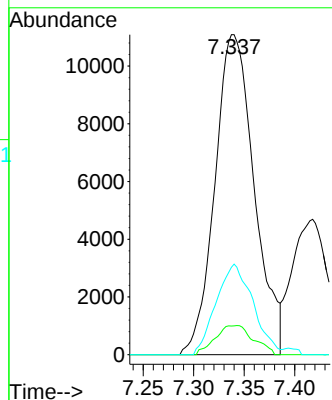
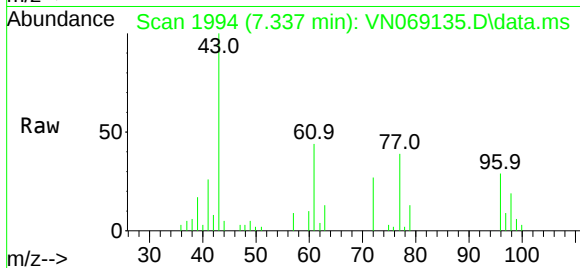
Tgt Ion: 43 Resp: 30039

Ion Ratio Lower Upper

43 100

57 4.0 6.7 10.1#

72 26.5 23.2 34.8



#31

2,2-Dichloropropane

Concen: 1.892 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN069135.D

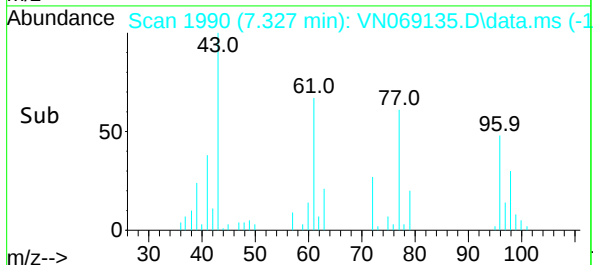
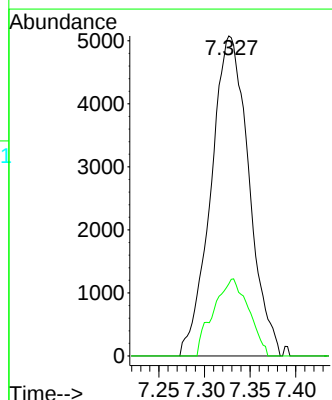
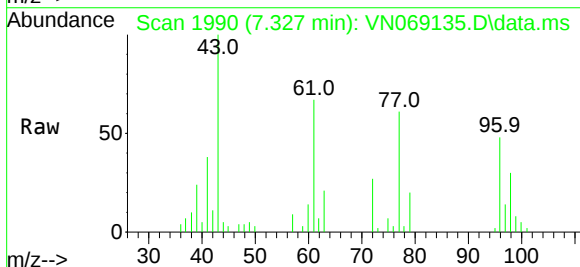
Acq: 22 Oct 2021 15:06

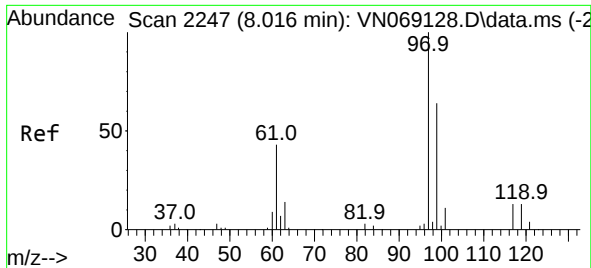
Tgt Ion: 77 Resp: 14679

Ion Ratio Lower Upper

77 100

97 19.9 18.3 27.5

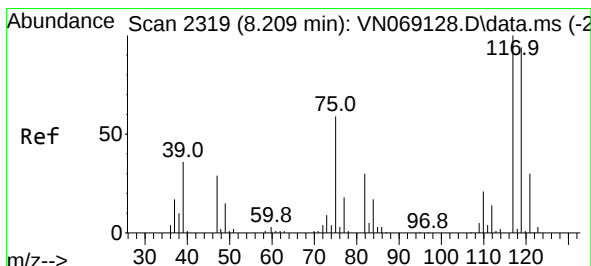
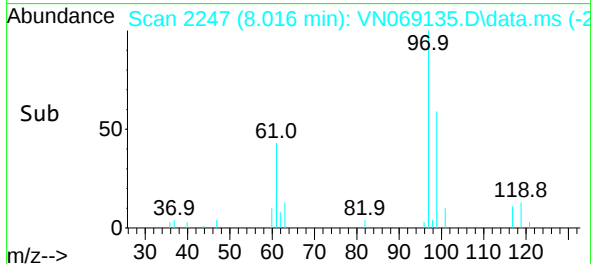
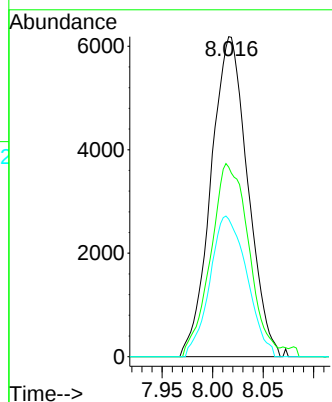
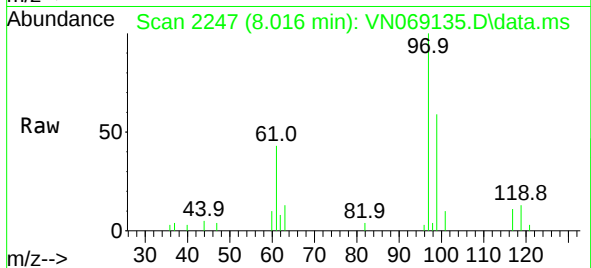




#32
1,1,1-Trichloroethane
Concen: 1.936 ug/l
RT: 8.016 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

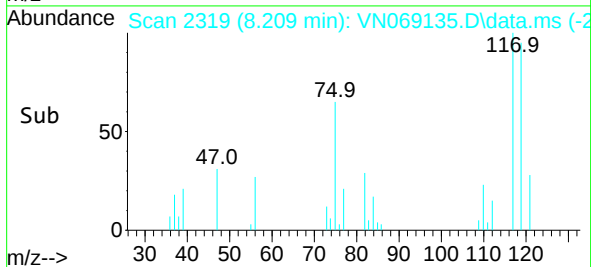
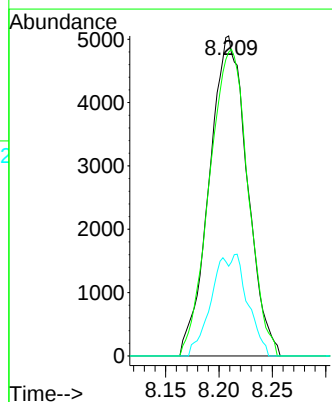
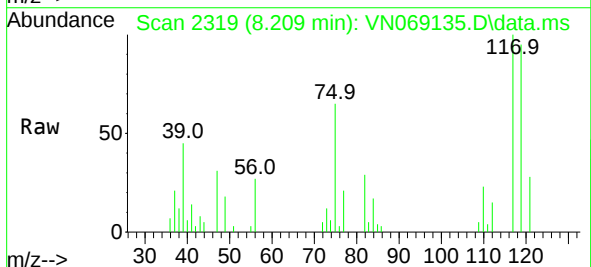
Instrument :
MSVOA_N
ClientSampleId :

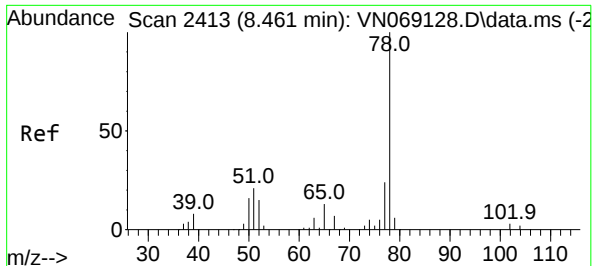
Tgt Ion: 97	Resp: 15605
Ion Ratio	Lower Upper
97 100	
99 62.5	50.4 75.6
61 44.2	34.6 51.8



#33
Carbon Tetrachloride
Concen: 1.820 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 117	Resp: 12459
Ion Ratio	Lower Upper
117 100	
119 94.9	77.5 116.3
121 28.1	23.5 35.3

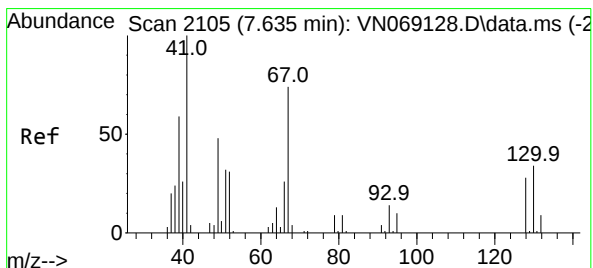
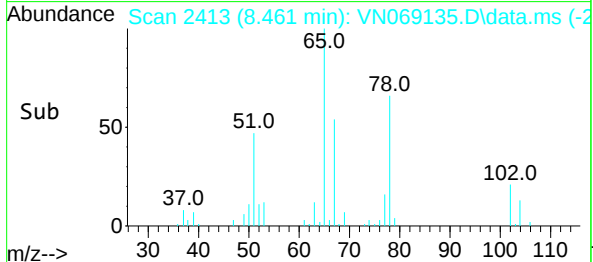
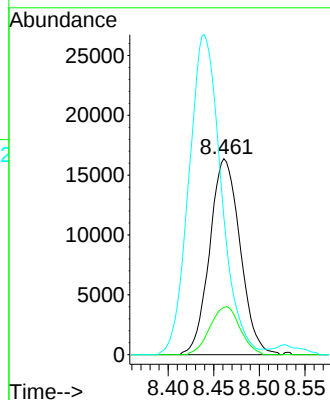
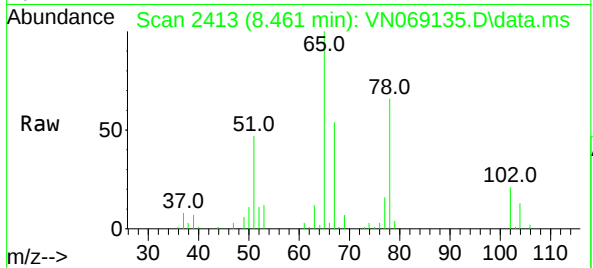




#34
Benzene
Concen: 1.969 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

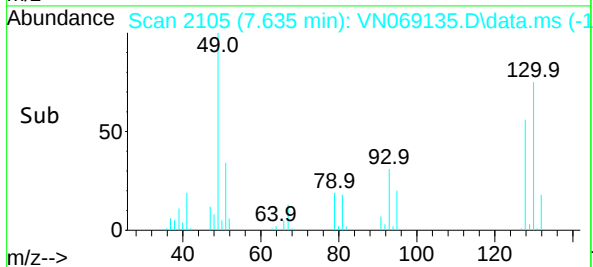
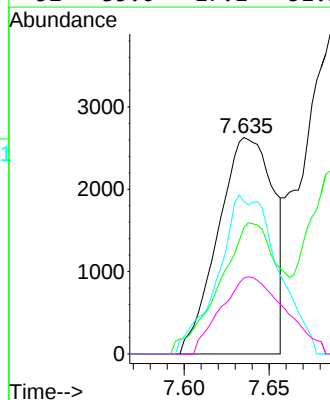
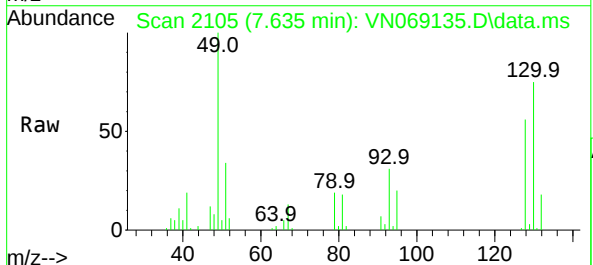
Instrument :
MSVOA_N
ClientSampleId :

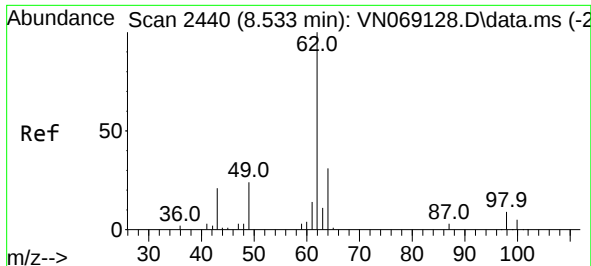
Tgt Ion: 78 Resp: 38086
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7
51 65.7 16.0 24.0#



#35
Methacrylonitrile
Concen: 1.918 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 41 Resp: 5946
Ion Ratio Lower Upper
41 100
39 51.2 28.0 83.9
67 64.3 37.7 113.1
52 35.0 17.1 51.2

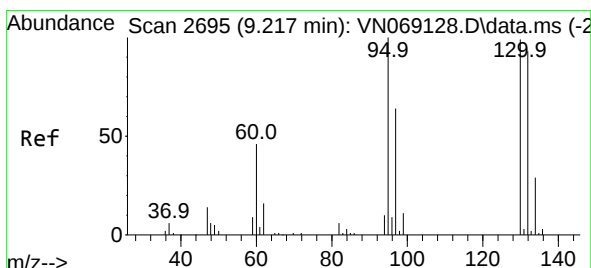
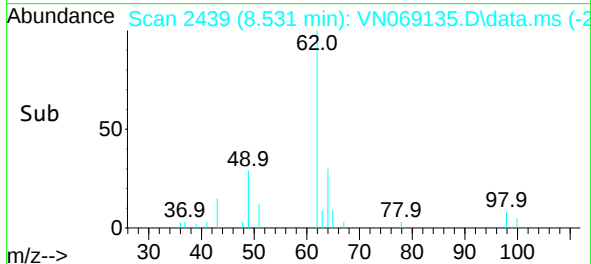
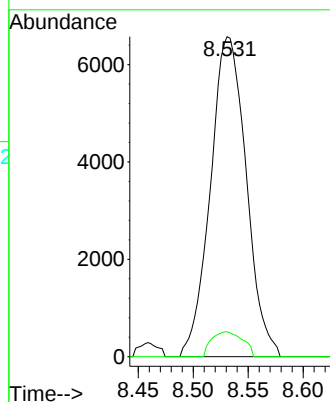
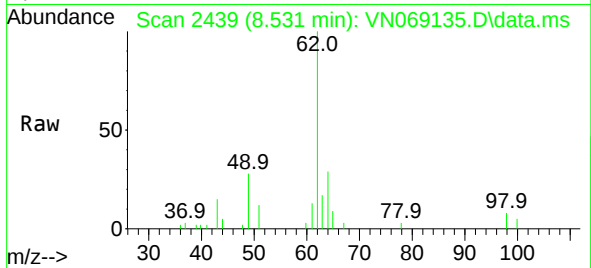




#36
1,2-Dichloroethane
Concen: 2.135 ug/l
RT: 8.531 min Scan# 24
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

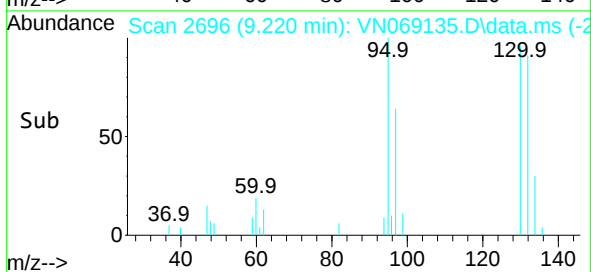
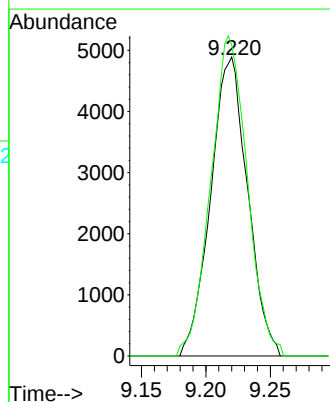
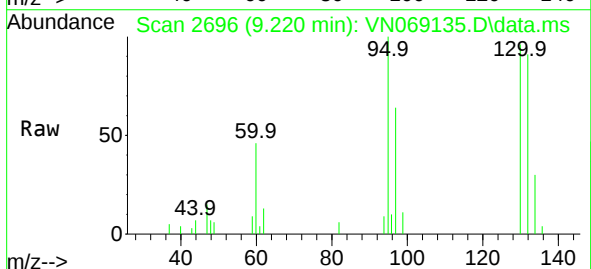
Instrument :
MSVOA_N
ClientSampleId :

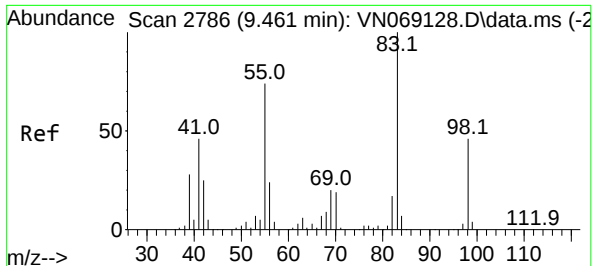
Tgt Ion: 62 Resp: 14906
Ion Ratio Lower Upper
62 100
98 6.8 6.6 10.0



#37
Trichloroethene
Concen: 1.980 ug/l
RT: 9.220 min Scan# 2696
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 130 Resp: 9741
Ion Ratio Lower Upper
130 100
95 100.7 76.6 115.0

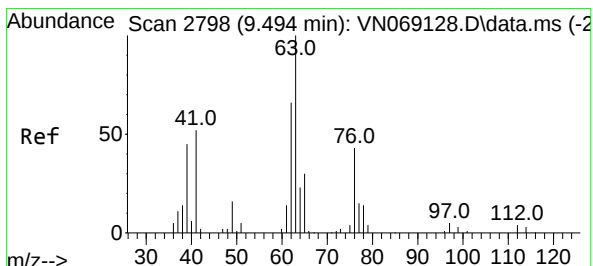
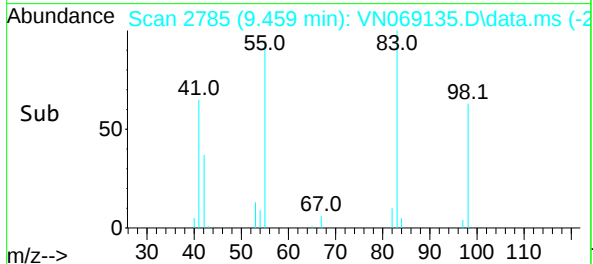
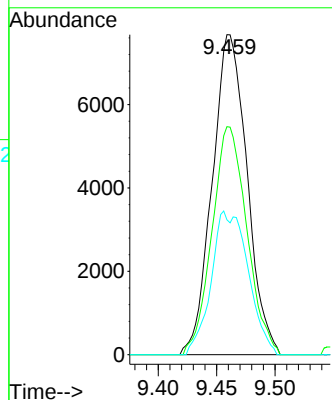
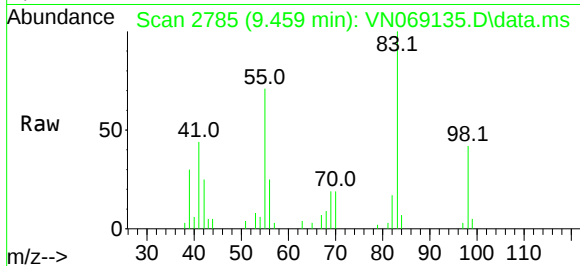




#38
Methylcyclohexane
Concen: 1.933 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

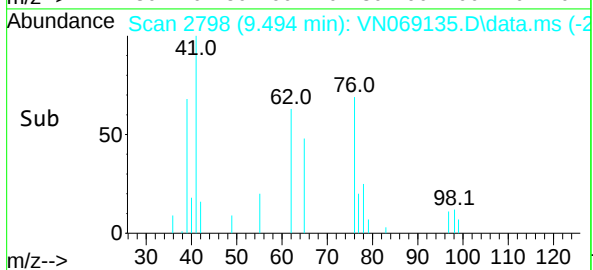
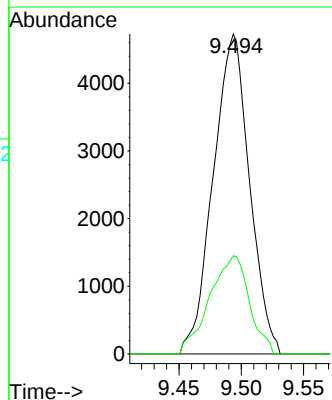
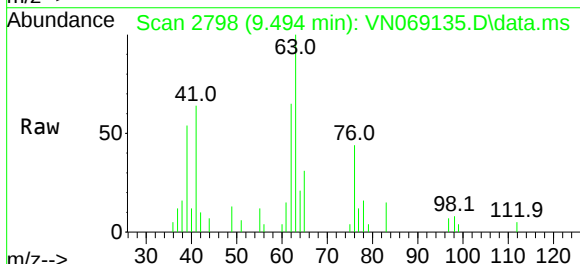
Instrument :
MSVOA_N
ClientSampleId :

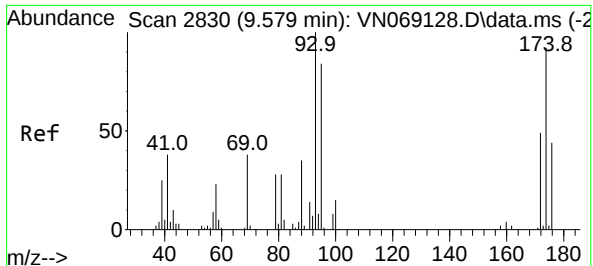
Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.3	35.1	105.3
98	24.9	23.4	70.2



#39
1,2-Dichloropropane
Concen: 1.944 ug/l
RT: 9.494 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.2	36.4





#40

Dibromomethane

Concen: 2.005 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

ClientSampleId :

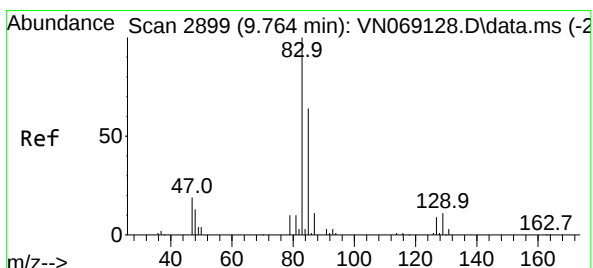
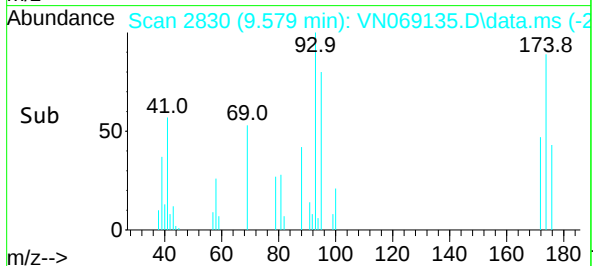
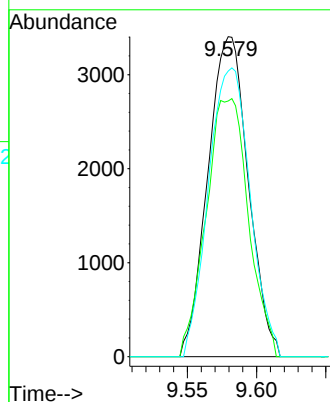
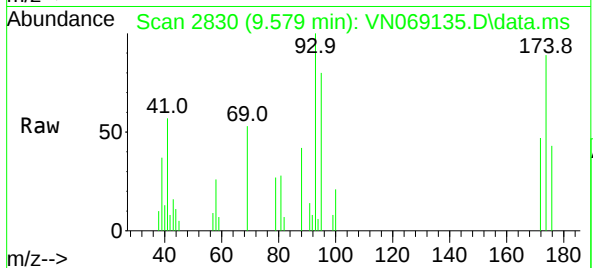
Tgt Ion: 93 Resp: 6915

Ion Ratio Lower Upper

93 100

95 40.1 0.0 168.8

174 93.0 0.0 173.6



#41

Bromodichloromethane

Concen: 1.842 ug/l

RT: 9.762 min Scan# 2898

Delta R.T. -0.003 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

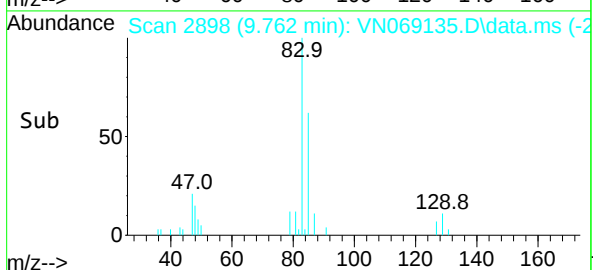
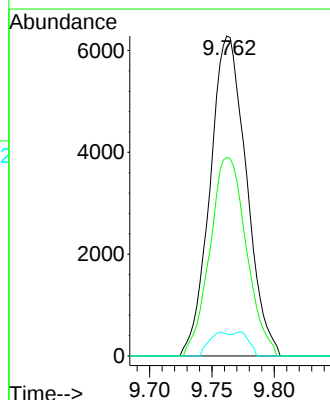
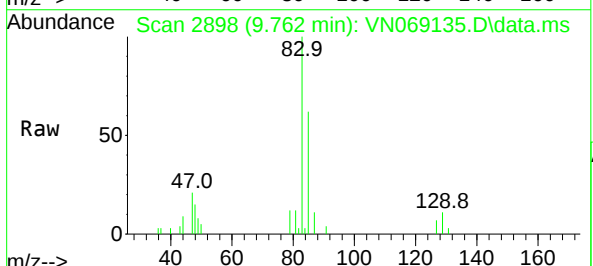
Tgt Ion: 83 Resp: 12693

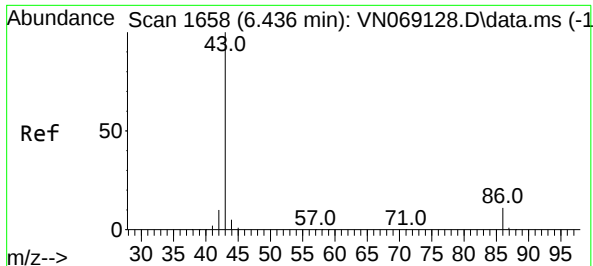
Ion Ratio Lower Upper

83 100

85 62.0 54.1 81.1

127 6.8 7.6 11.4#





#42

Vinyl Acetate

Concen: 8.431 ug/l

RT: 6.433 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

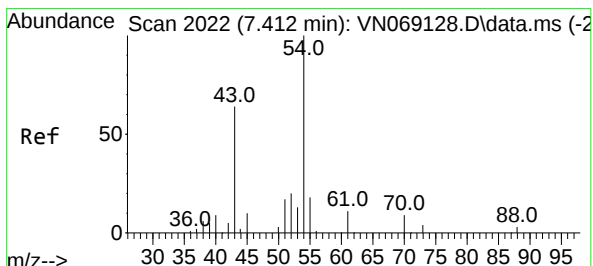
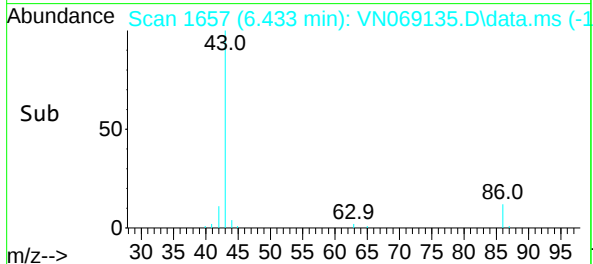
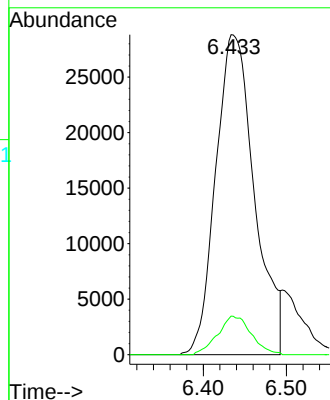
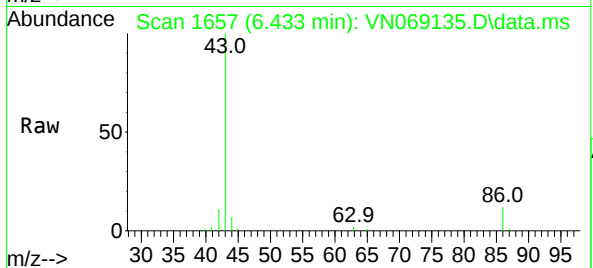
ClientSampleId :

Tgt Ion: 43 Resp: 93568

Ion Ratio Lower Upper

43 100

86 6.3 7.5 11.3#



#43

Ethyl Acetate

Concen: 1.758 ug/l

RT: 7.418 min Scan# 2024

Delta R.T. 0.005 min

Lab File: VN069135.D

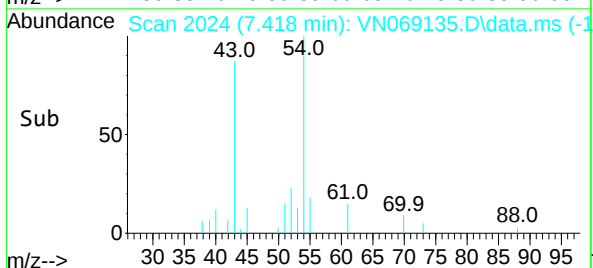
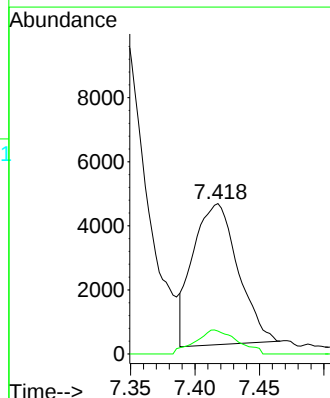
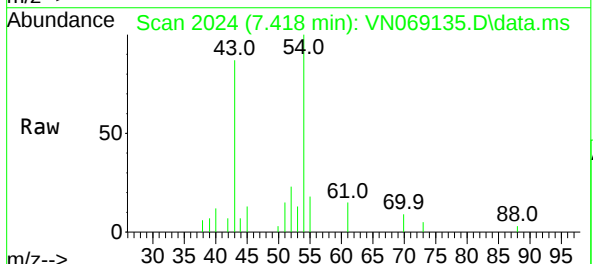
Acq: 22 Oct 2021 15:06

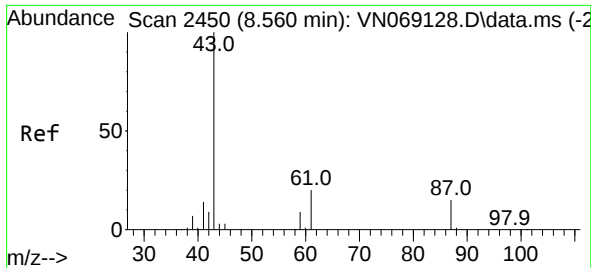
Tgt Ion: 43 Resp: 10664

Ion Ratio Lower Upper

43 100

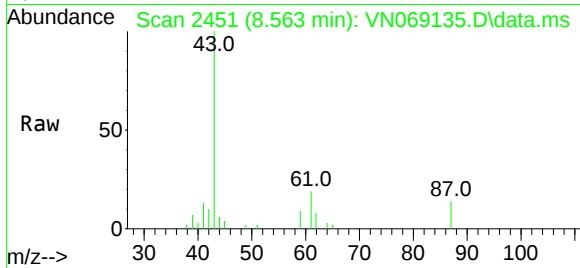
45 15.8 10.6 16.0



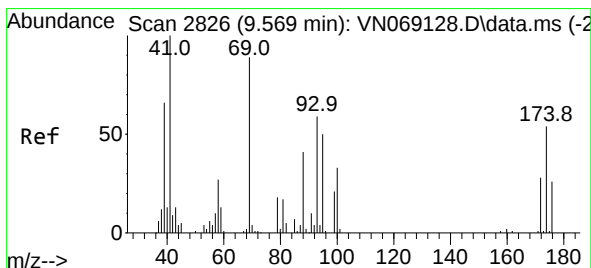
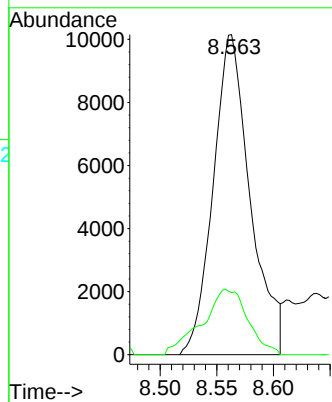
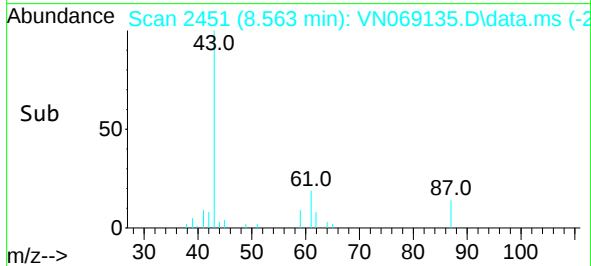


#44
Isopropyl Acetate
Concen: 2.054 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

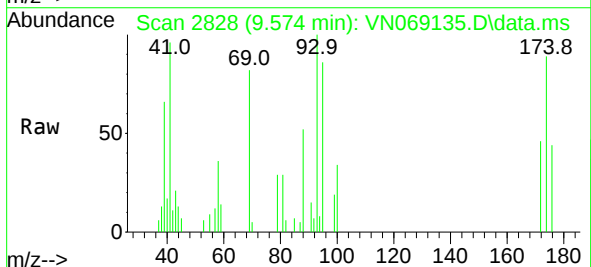
Instrument :
MSVOA_N
ClientSampleId :



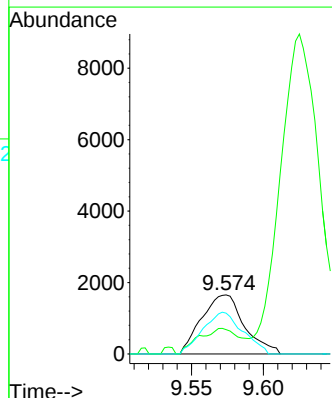
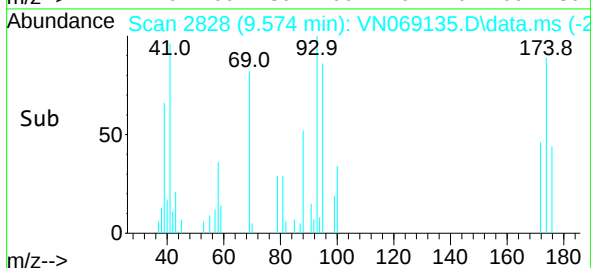
Tgt Ion: 43 Resp: 23076
Ion Ratio Lower Upper
43 100
61 16.4 20.1 30.1#

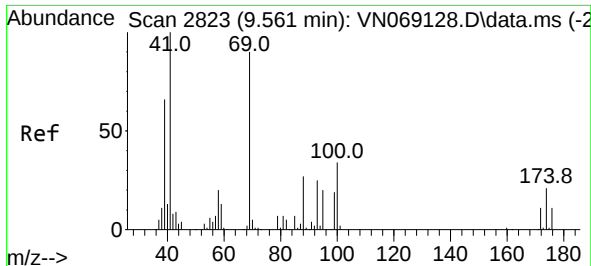


#45
1,4-Dioxane
Concen: 38.014 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.005 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06



Tgt Ion: 88 Resp: 3418
Ion Ratio Lower Upper
88 100
43 19.3 25.0 37.6#
58 65.9 49.4 74.2

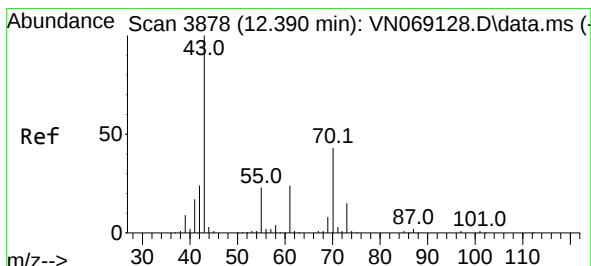
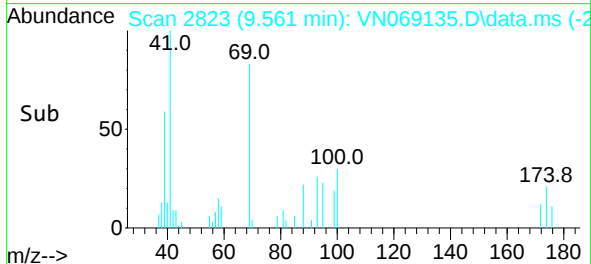
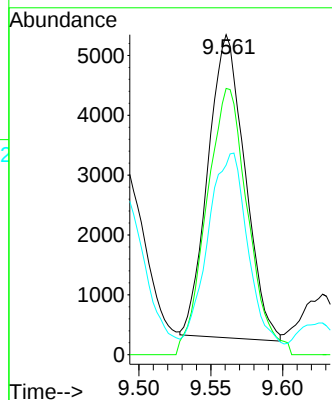
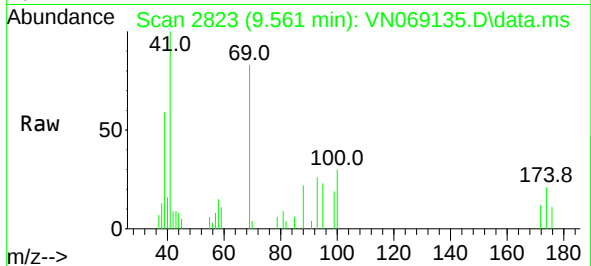




#46
Methyl methacrylate
Concen: 1.778 ug/l
RT: 9.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

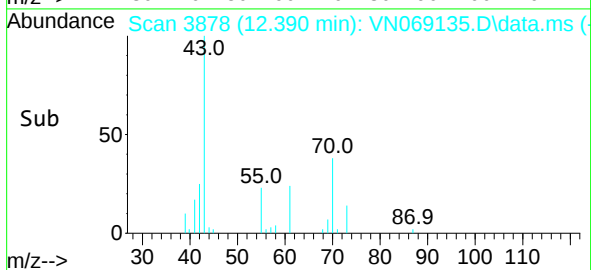
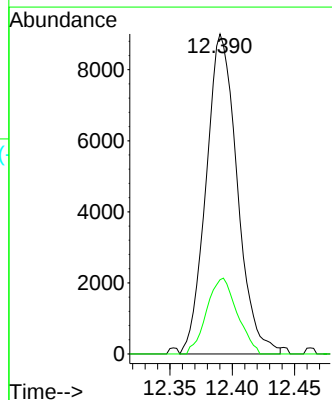
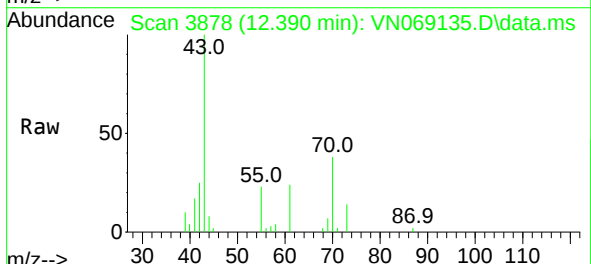
Instrument :
MSVOA_N
ClientSampleId :

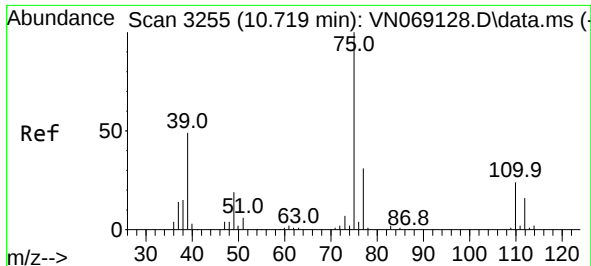
Tgt Ion: 41 Resp: 9032
Ion Ratio Lower Upper
41 100
69 84.2 44.4 133.2
39 59.0 39.9 119.6



#47
n-amyl Acetate
Concen: 1.642 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 43 Resp: 15657
Ion Ratio Lower Upper
43 100
55 23.1 19.0 28.6

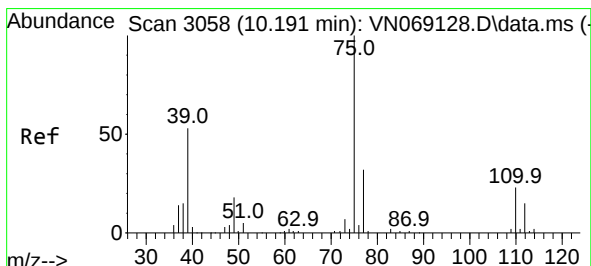
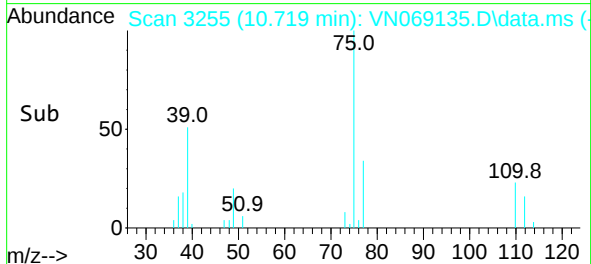
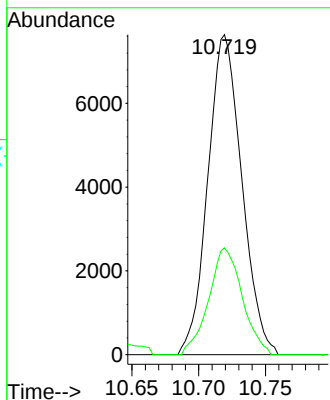
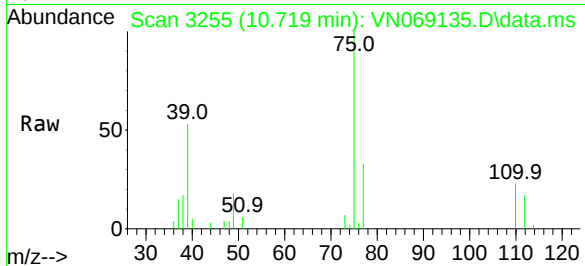




#48
 t-1,3-Dichloropropene
 Concen: 1.697 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

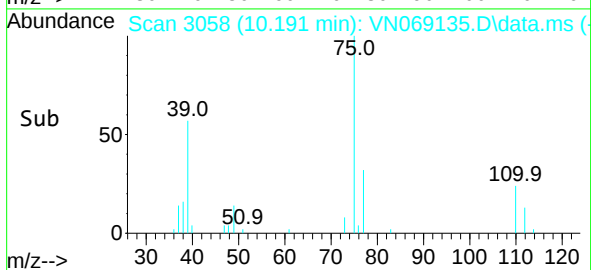
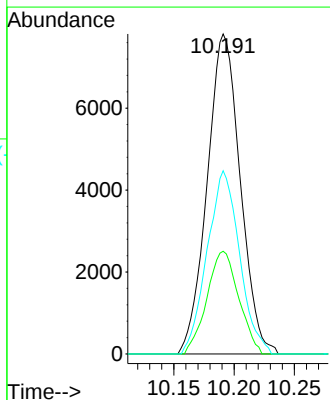
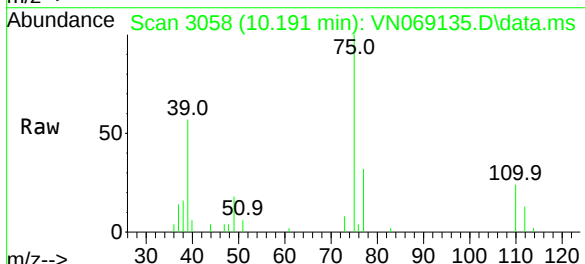
Instrument :
 MSVOA_N
 ClientSampleId :

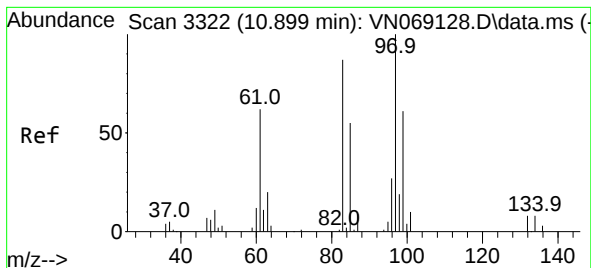
Tgt Ion: 75 Resp: 13526
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 1.797 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. 0.000 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

Tgt Ion: 75 Resp: 14911
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 57.2 46.2 69.4





#50

1,1,2-Trichloroethane

Concen: 1.984 ug/l

RT: 10.899 min Scan# 3322

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 9821

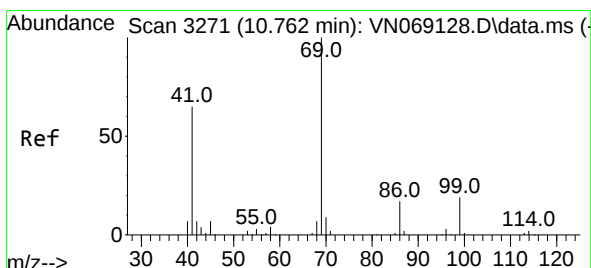
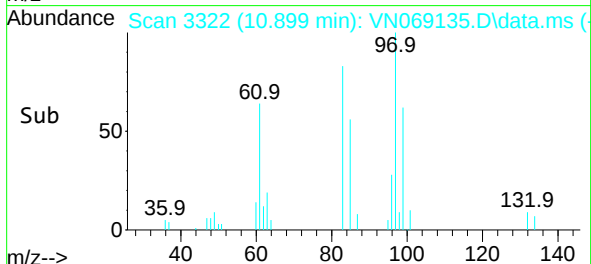
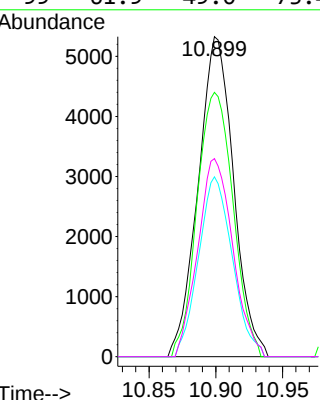
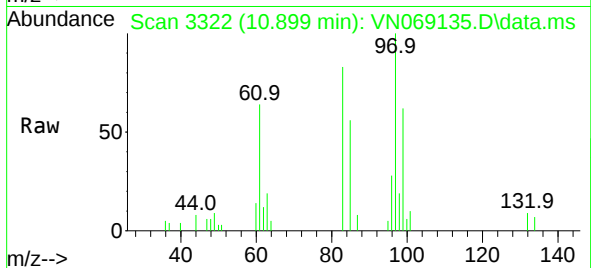
Ion Ratio Lower Upper

97 100

83 82.6 67.2 100.8

85 56.2 43.0 64.4

99 61.9 49.0 73.4



#51

Ethyl methacrylate

Concen: 1.840 ug/l

RT: 10.762 min Scan# 3271

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

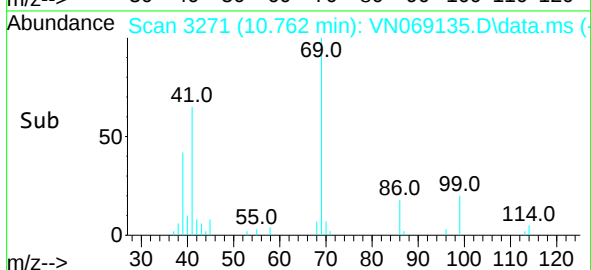
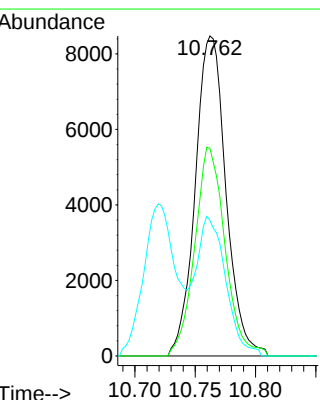
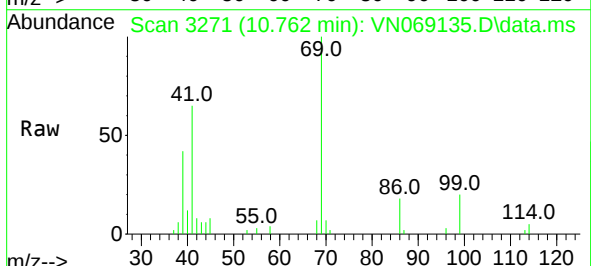
Tgt Ion: 69 Resp: 15011

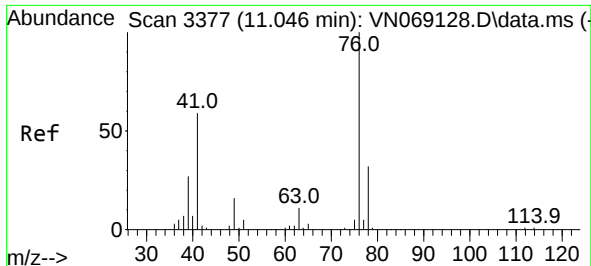
Ion Ratio Lower Upper

69 100

41 64.8 33.0 98.9

39 42.3 25.4 76.4





#52

1,3-Dichloropropane

Concen: 1.950 ug/l

RT: 11.046 min Scan# 3377

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

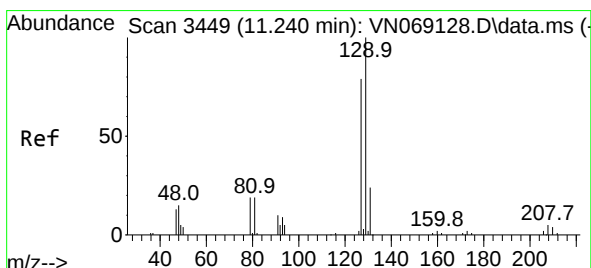
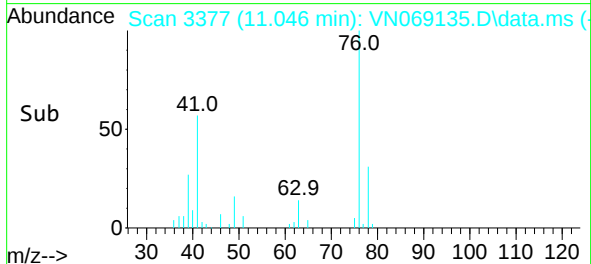
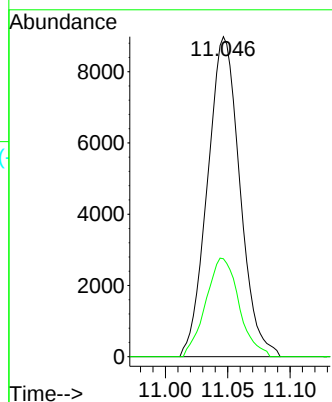
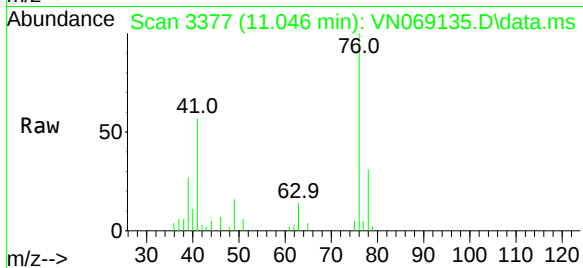
ClientSampleId :

Tgt Ion: 76 Resp: 16237

Ion Ratio Lower Upper

76 100

78 31.6 0.0 65.4



#53

Dibromochloromethane

Concen: 1.670 ug/l

RT: 11.240 min Scan# 3449

Delta R.T. 0.000 min

Lab File: VN069135.D

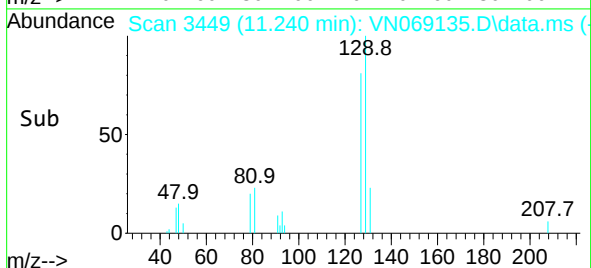
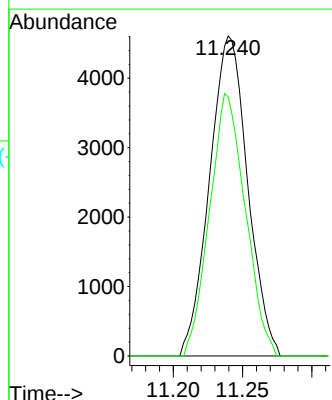
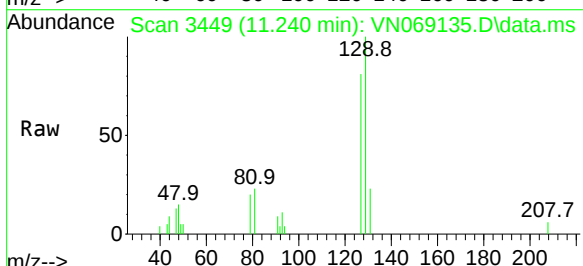
Acq: 22 Oct 2021 15:06

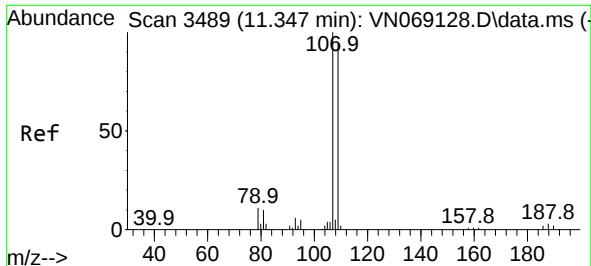
Tgt Ion: 129 Resp: 8825

Ion Ratio Lower Upper

129 100

127 76.8 39.0 117.0

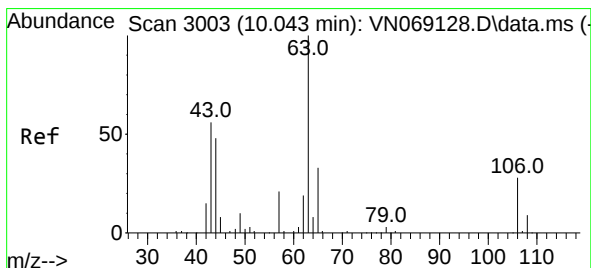
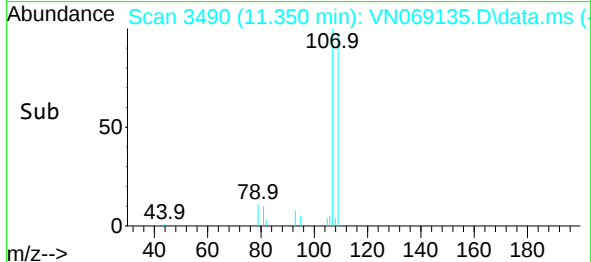
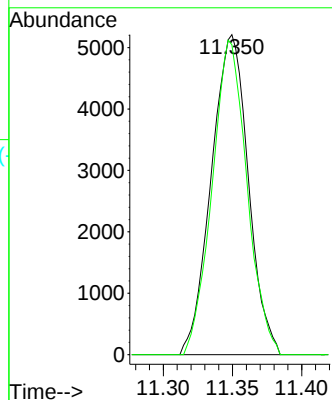
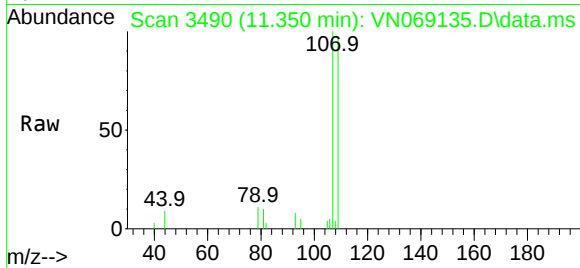




#54
1,2-Dibromoethane
Concen: 1.870 ug/l
RT: 11.350 min Scan# 34
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

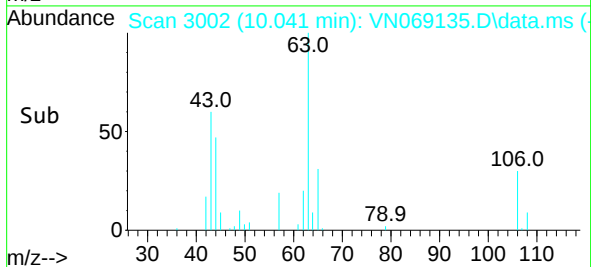
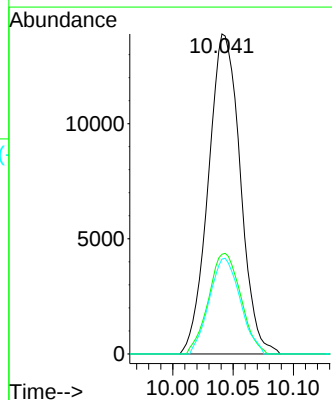
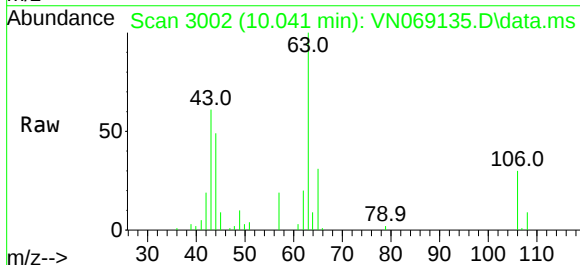
Instrument :
MSVOA_N
ClientSampleId :

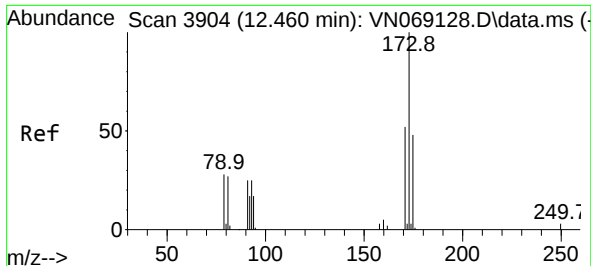
Tgt Ion:107 Resp: 9673
Ion Ratio Lower Upper
107 100
109 92.6 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 9.876 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 63 Resp: 25581
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 28.9 23.2 34.8

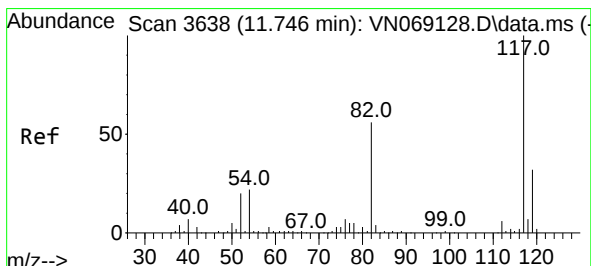
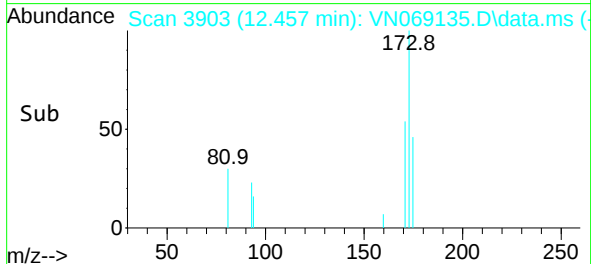
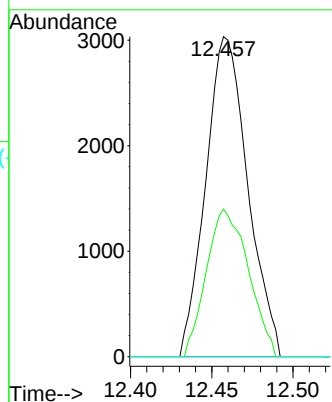
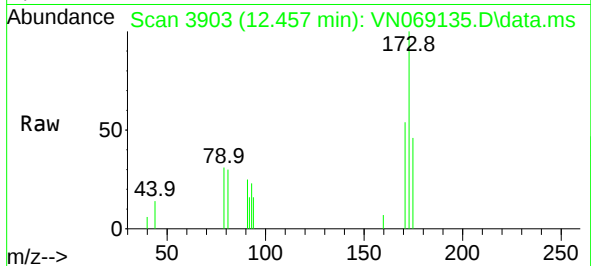




#56
Bromoform
Concen: 1.432 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

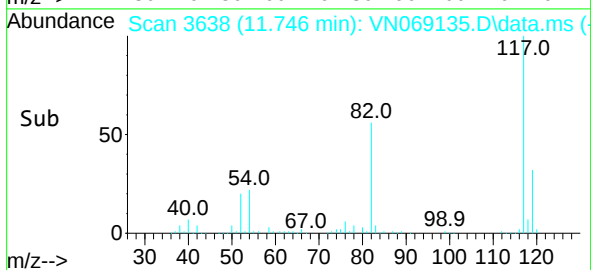
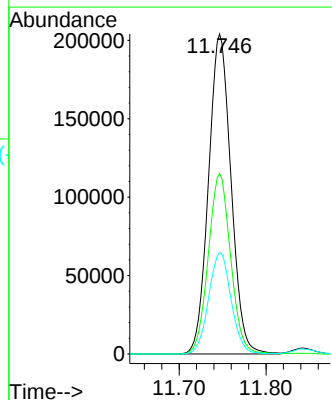
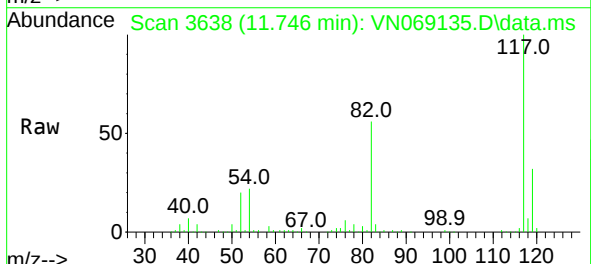
Instrument :
MSVOA_N
ClientSampleId :

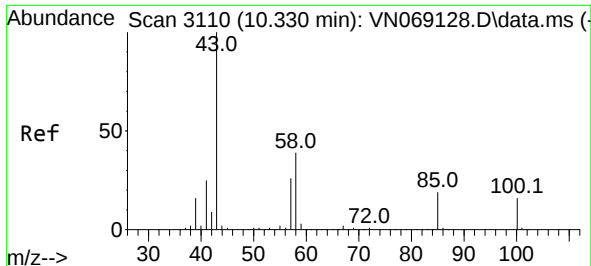
Tgt Ion:173 Resp: 5452
Ion Ratio Lower Upper
173 100
175 46.1 38.6 58.0
254 0.0 0.0 0.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:117 Resp: 366450
Ion Ratio Lower Upper
117 100
82 56.0 43.6 65.4
119 31.7 25.8 38.6

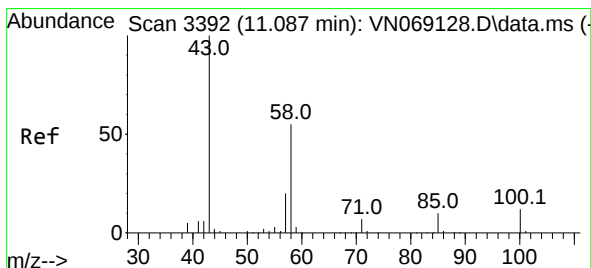
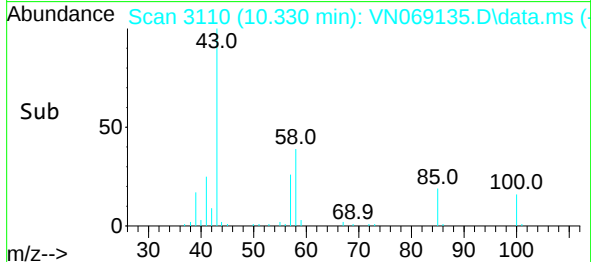
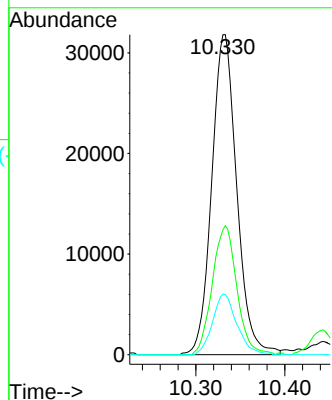
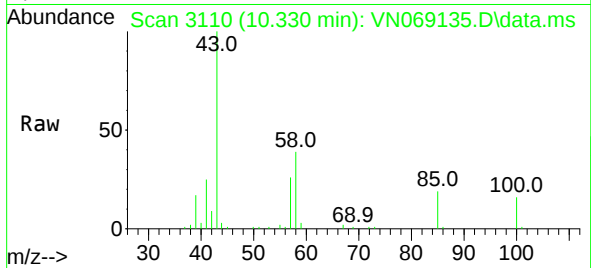




#58
4-Methyl-2-Pentanone
Concen: 10.043 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

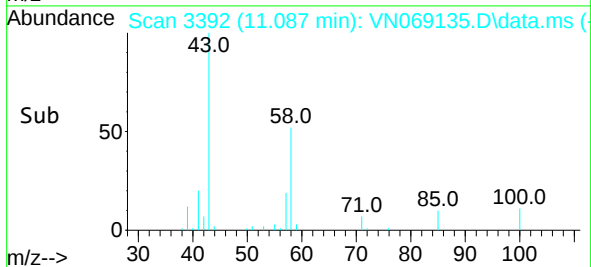
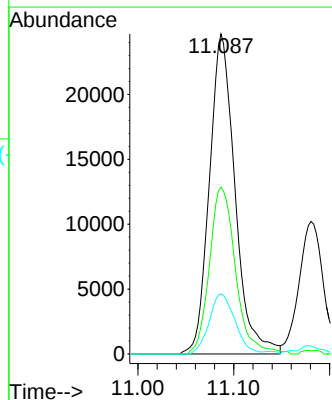
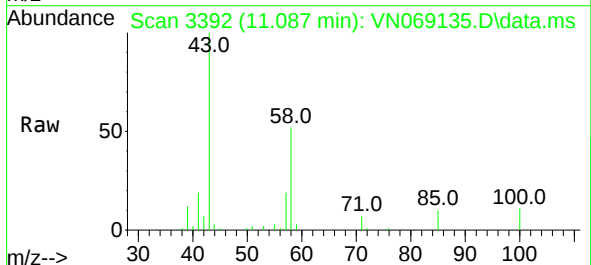
Instrument :
MSVOA_N
ClientSampleId :

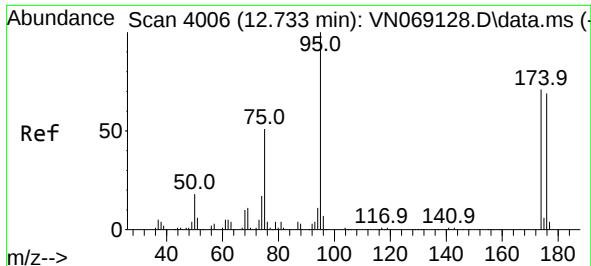
Tgt Ion: 43 Resp: 62089
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
85 18.4 15.0 22.6



#59
2-Hexanone
Concen: 9.802 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 43 Resp: 45760
Ion Ratio Lower Upper
43 100
58 52.9 42.2 63.2
57 18.9 15.0 22.4

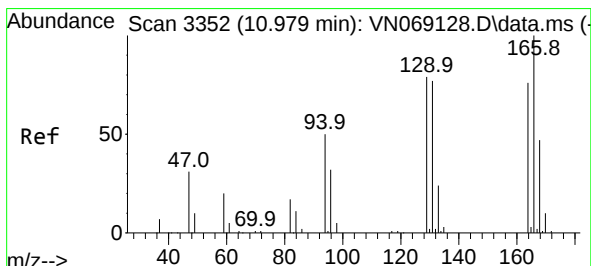
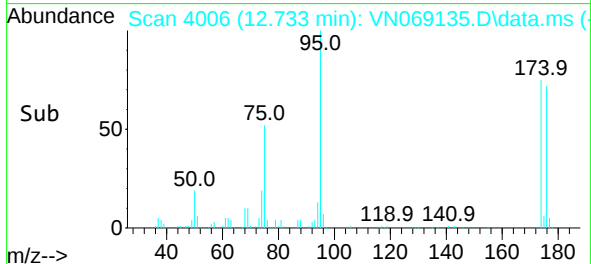
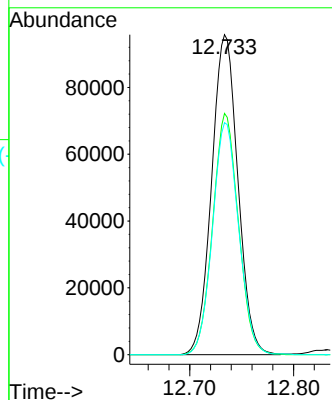
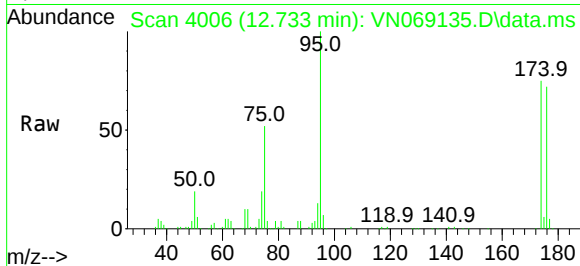




#60
4-Bromofluorobenzene
Concen: 26.757 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

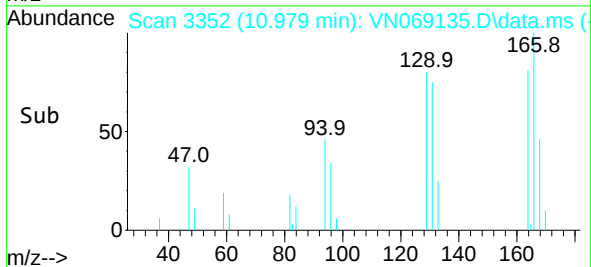
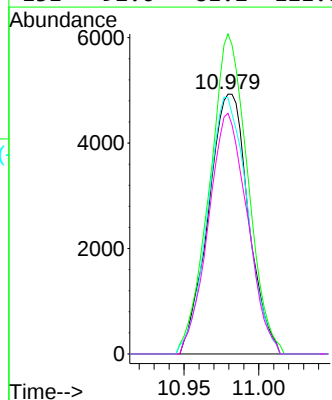
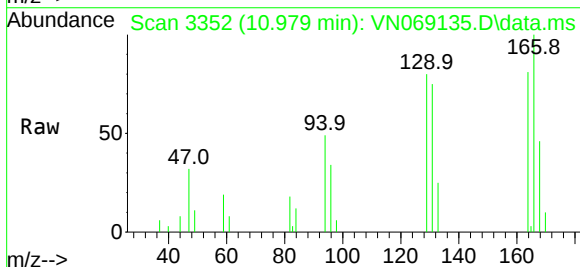
Instrument :
MSVOA_N
ClientSampleId :

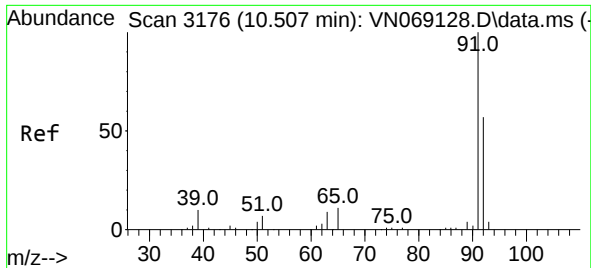
Tgt Ion: 95 Resp: 168126
Ion Ratio Lower Upper
95 100
174 73.9 62.9 94.3
176 72.4 61.0 91.4



#61
Tetrachloroethene
Concen: 2.300 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:164 Resp: 9161
Ion Ratio Lower Upper
164 100
166 119.8 105.8 158.8
129 98.5 82.5 123.7
131 92.6 81.2 121.8

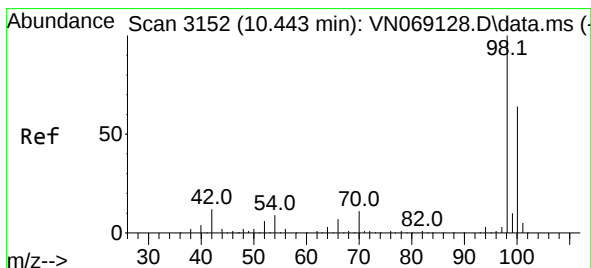
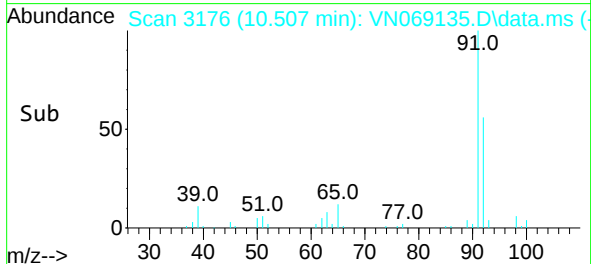
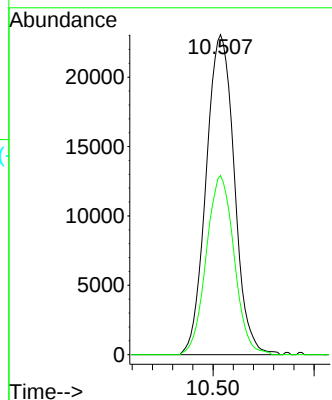
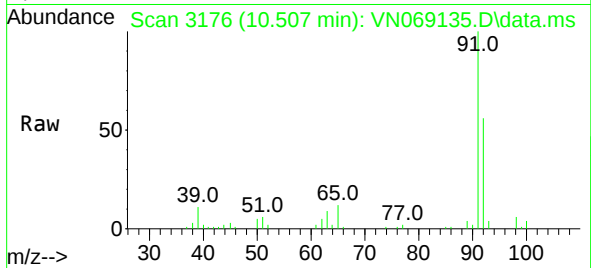




#62
Toluene
Concen: 2.095 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

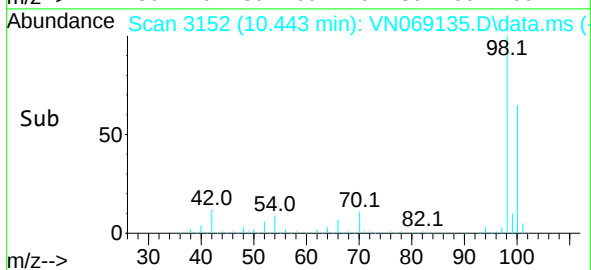
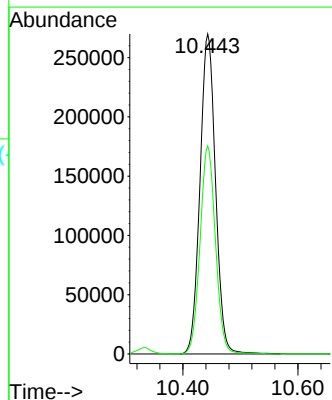
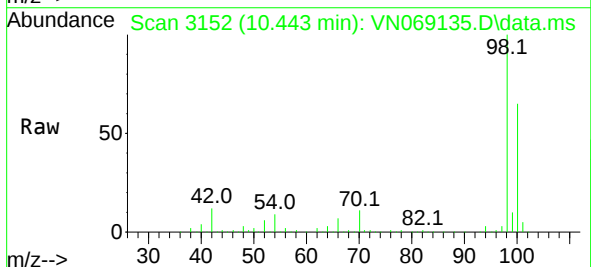
Instrument :
MSVOA_N
ClientSampleId :

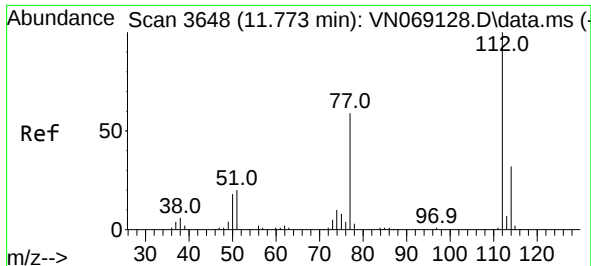
Tgt Ion: 91 Resp: 44717
Ion Ratio Lower Upper
91 100
92 55.3 44.6 67.0



#63
Toluene-d8
Concen: 30.561 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 98 Resp: 505979
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

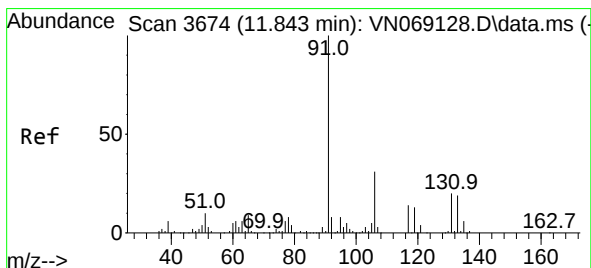
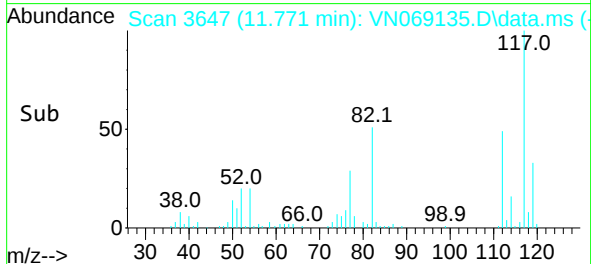
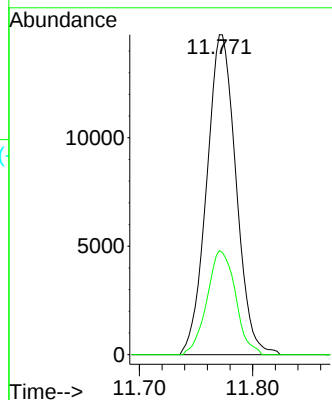
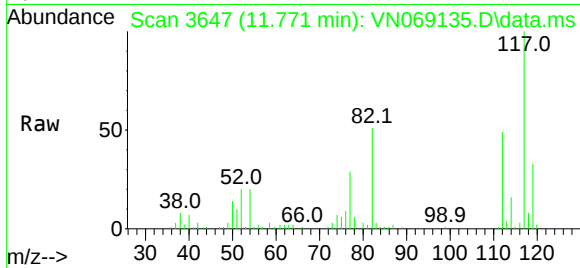




#64
Chlorobenzene
Concen: 2.048 ug/l
RT: 11.771 min Scan# 3648
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

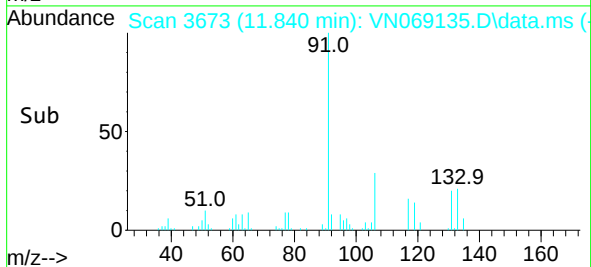
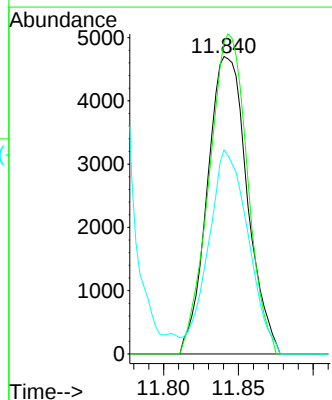
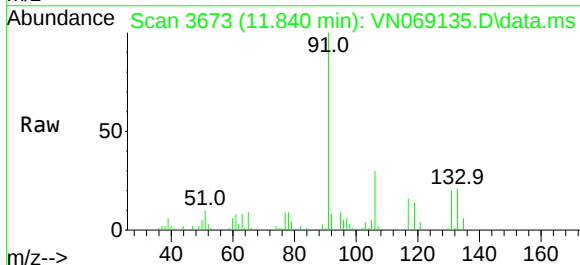
Instrument :
MSVOA_N
ClientSampleId :

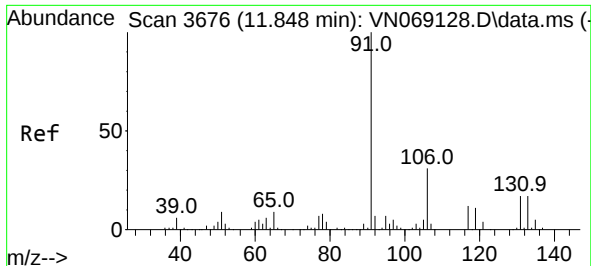
Tgt Ion:112 Resp: 26512
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 1.812 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:131 Resp: 8726
Ion Ratio Lower Upper
131 100
133 103.2 0.0 191.2
119 68.6 0.0 128.8

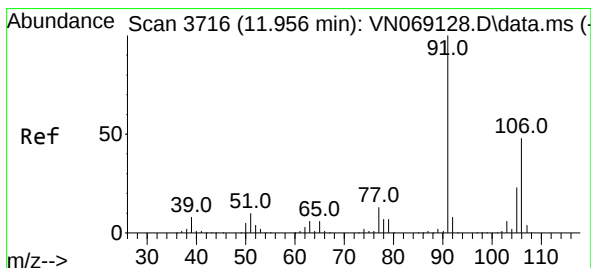
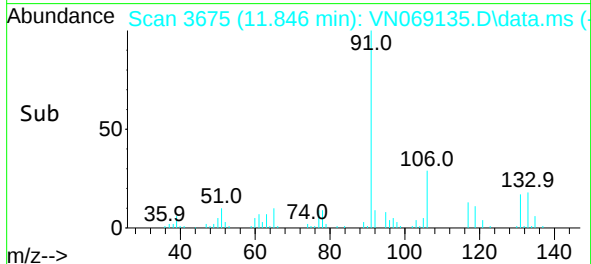
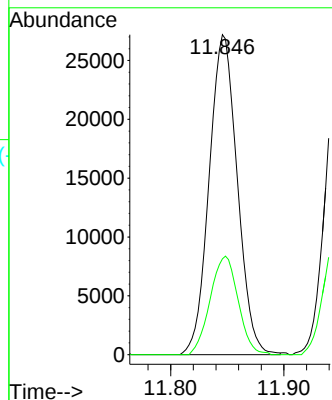
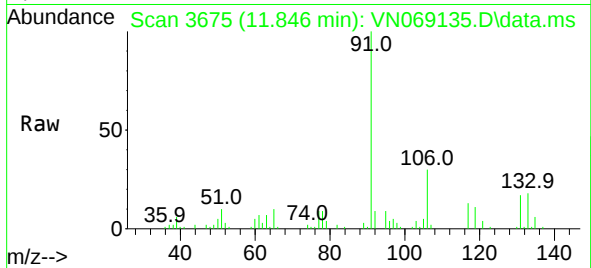




#66
Ethyl Benzene
Concen: 1.954 ug/l
RT: 11.846 min Scan# 3676
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

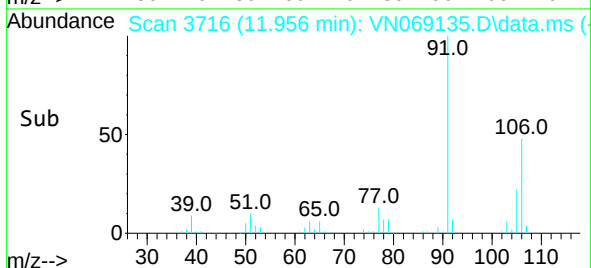
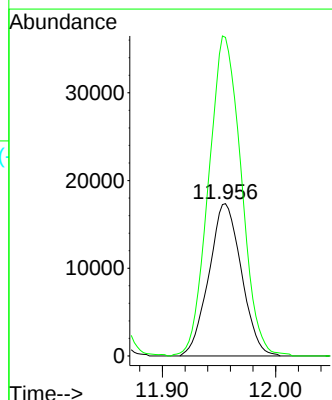
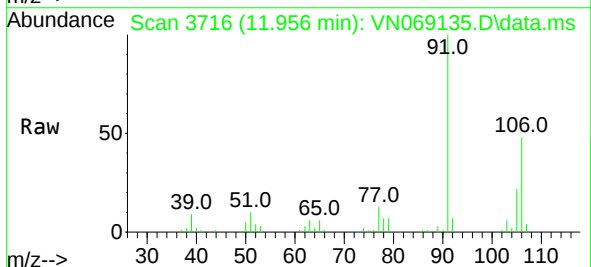
Instrument :
MSVOA_N
ClientSampleId :

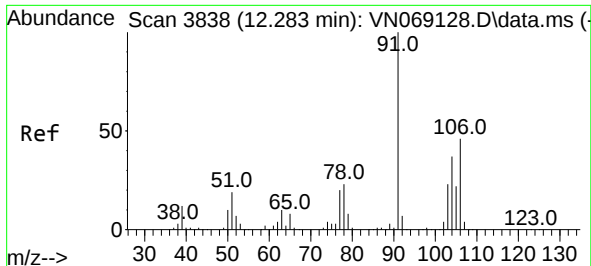
Tgt Ion: 91 Resp: 46893
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0



#67
m/p-Xylenes
Concen: 3.835 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:106 Resp: 34606
Ion Ratio Lower Upper
106 100
91 210.8 162.9 244.3

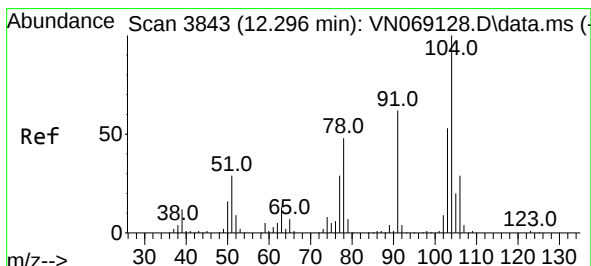
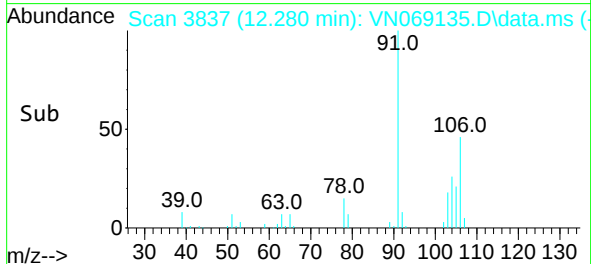
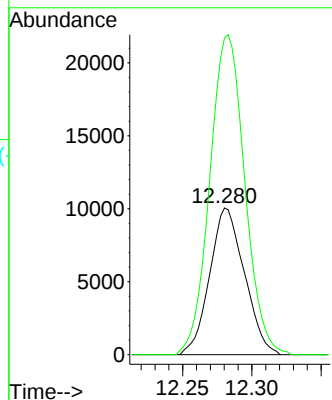
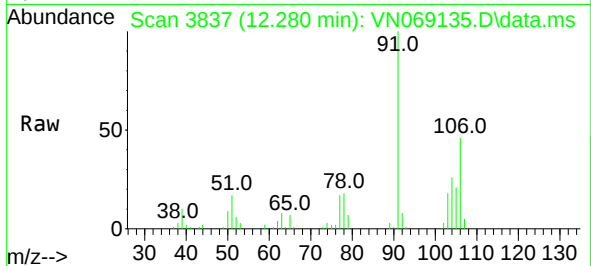




#68
o-Xylene
Concen: 1.942 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

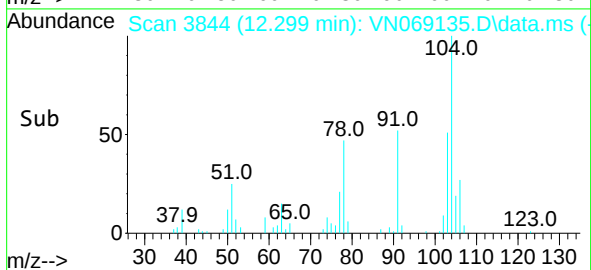
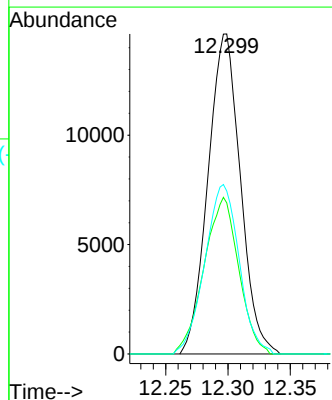
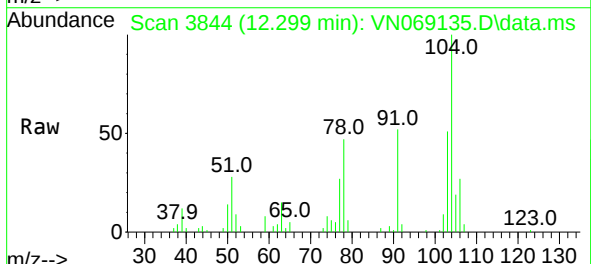
Instrument :
MSVOA_N
ClientSampleId :

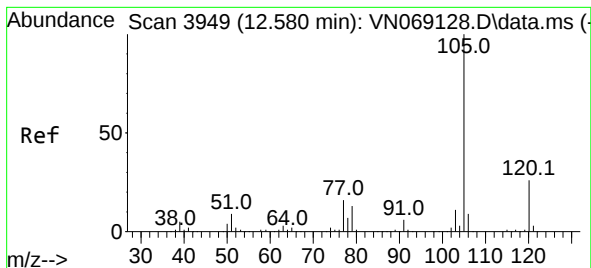
Tgt Ion:106 Resp: 17552
Ion Ratio Lower Upper
106 100
91 219.4 107.7 323.1



#69
Styrene
Concen: 1.770 ug/l
RT: 12.299 min Scan# 3844
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:104 Resp: 26500
Ion Ratio Lower Upper
104 100
78 52.2 40.7 61.1
103 55.9 45.8 68.8





#70

Isopropylbenzene

Concen: 1.905 ug/l

RT: 12.581 min Scan# 3949

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

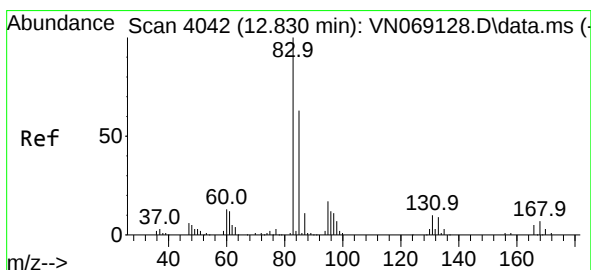
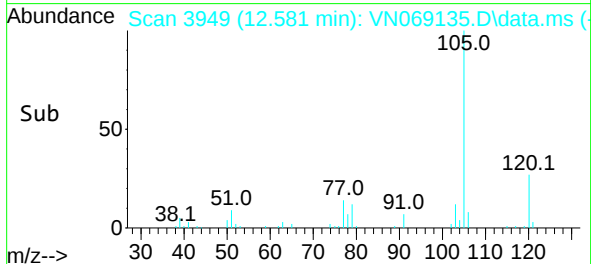
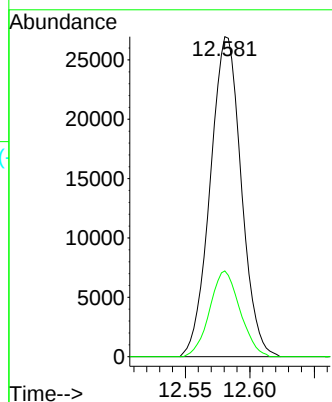
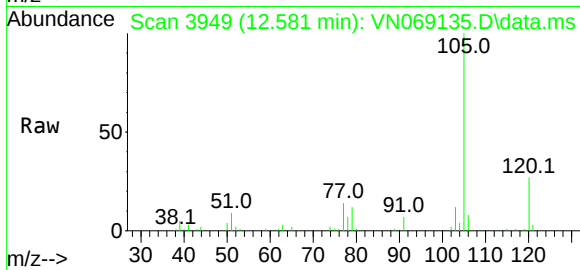
ClientSampleId :

Tgt Ion:105 Resp: 45135

Ion Ratio Lower Upper

105 100

120 26.2 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 1.888 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. -0.003 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

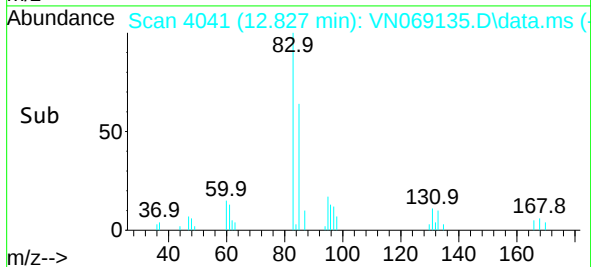
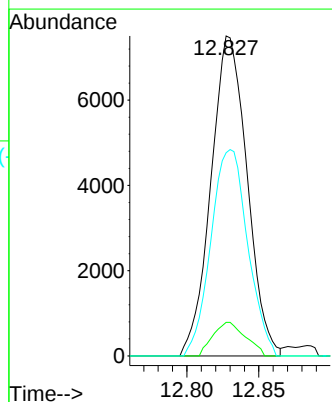
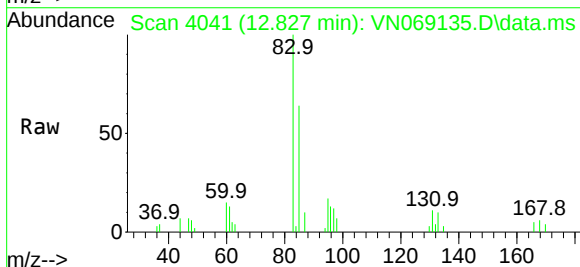
Tgt Ion: 83 Resp: 13112

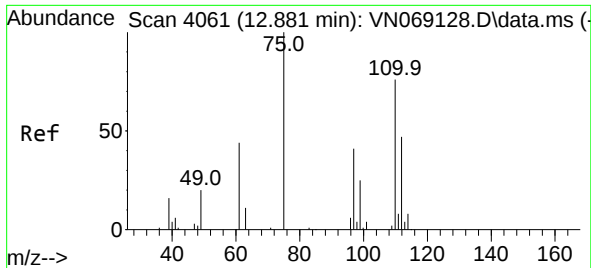
Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.3

85 65.8 33.1 99.2

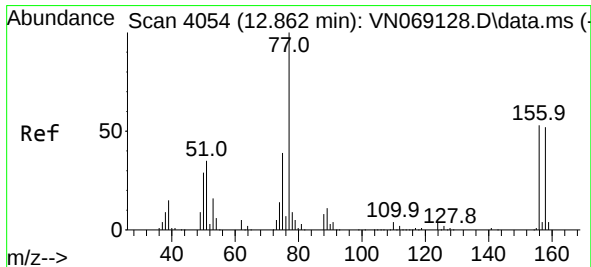
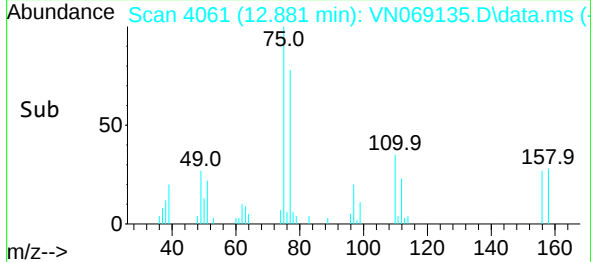
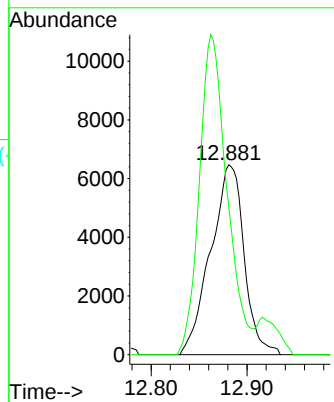
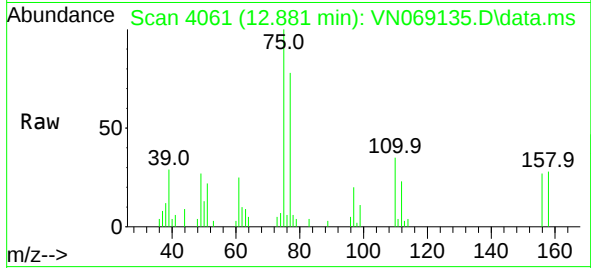




#72
1,2,3-Trichloropropane
Concen: 2.631 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

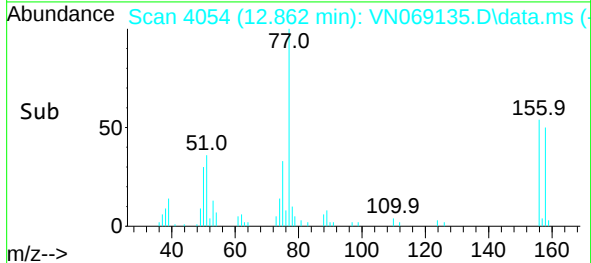
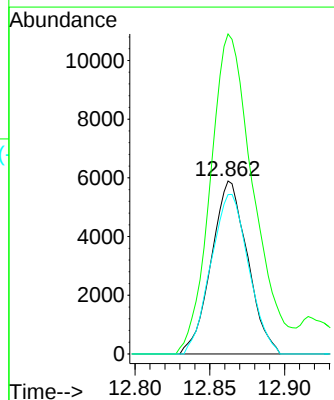
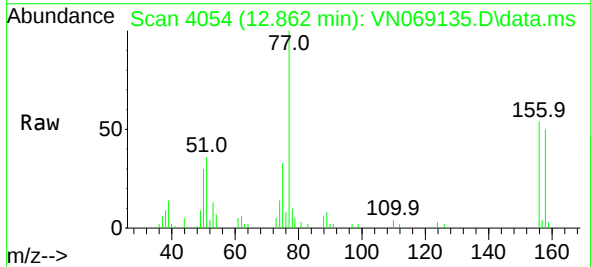
Instrument :
MSVOA_N
ClientSampleId :

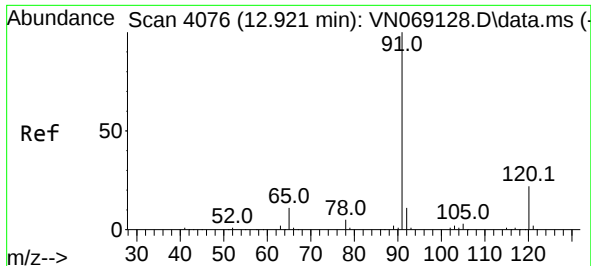
Tgt Ion: 75 Resp: 15695
Ion Ratio Lower Upper
75 100
77 139.7 0.0 378.0



#73
Bromobenzene
Concen: 1.848 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 156 Resp: 9924
Ion Ratio Lower Upper
156 100
77 220.9 0.0 416.0
158 96.0 0.0 195.4

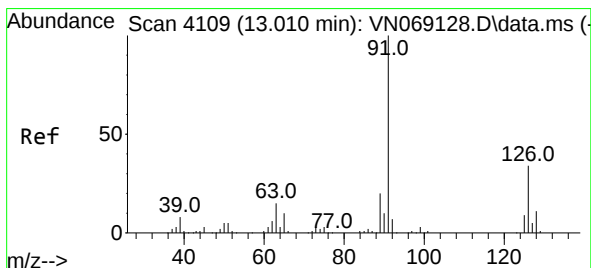
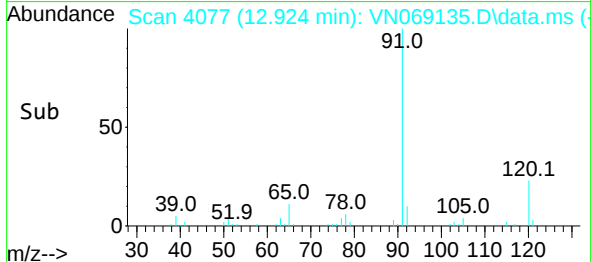
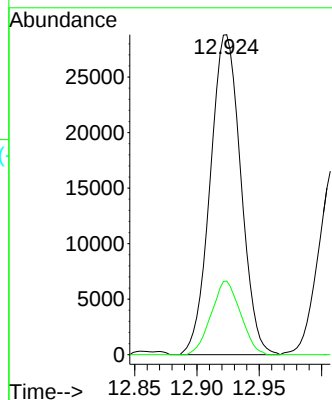
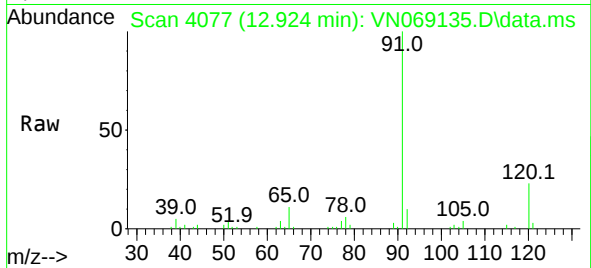




#74
n-propylbenzene
Concen: 1.809 ug/l
RT: 12.924 min Scan# 4076
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

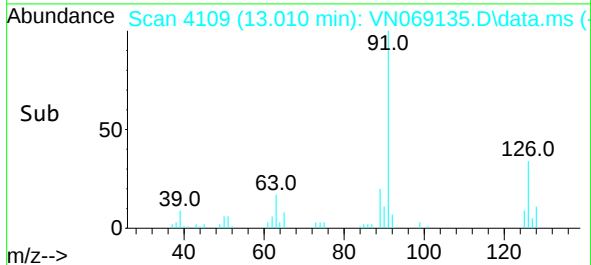
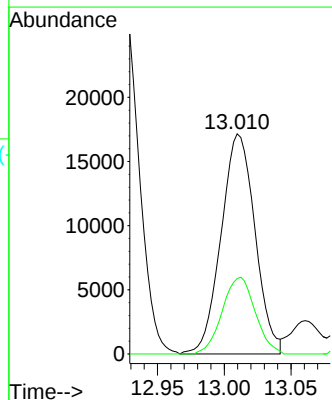
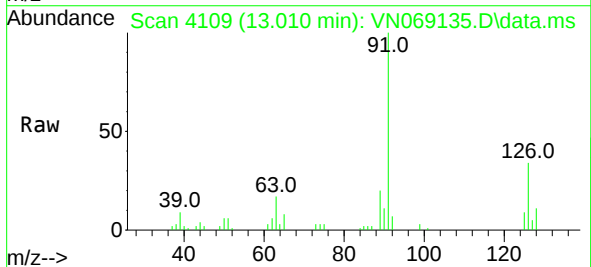
Instrument :
MSVOA_N
ClientSampleId :

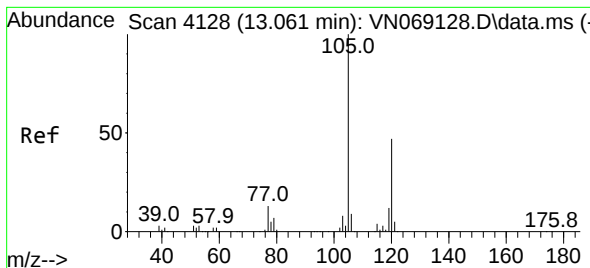
Tgt Ion: 91 Resp: 49213
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.0



#75
2-Chlorotoluene
Concen: 1.824 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 91 Resp: 30385
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 1.875 ug/l

RT: 13.061 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

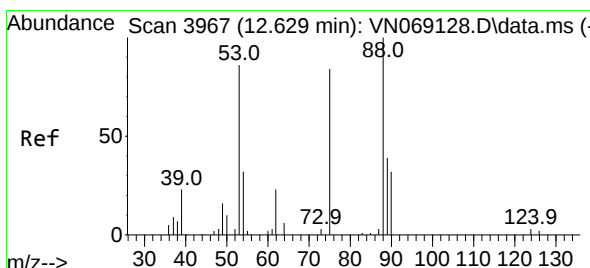
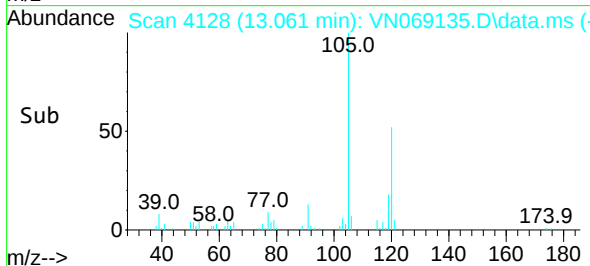
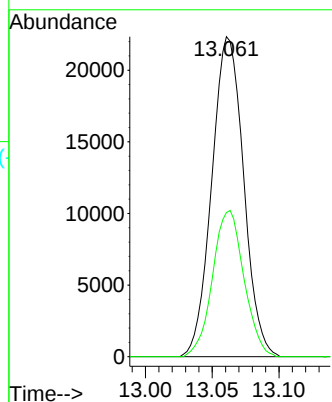
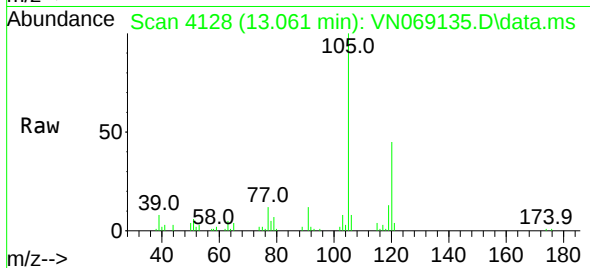
ClientSampleId :

Tgt Ion:105 Resp: 37022

Ion Ratio Lower Upper

105 100

120 45.1 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 1.359 ug/l

RT: 12.626 min Scan# 3966

Delta R.T. -0.003 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

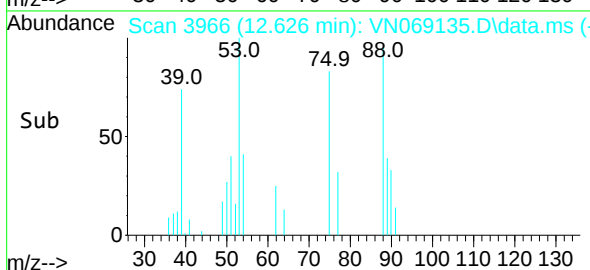
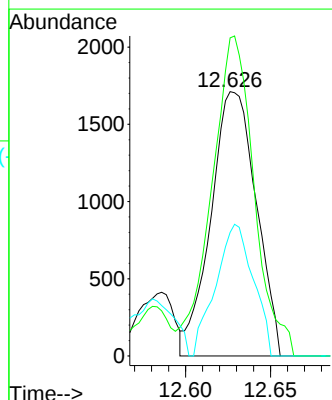
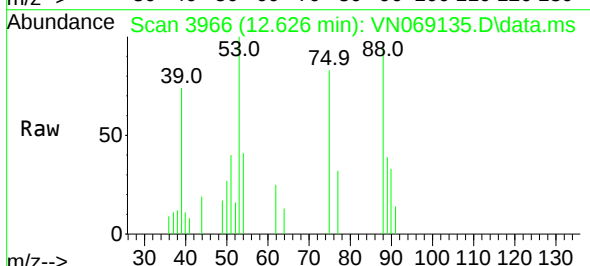
Tgt Ion: 75 Resp: 3172

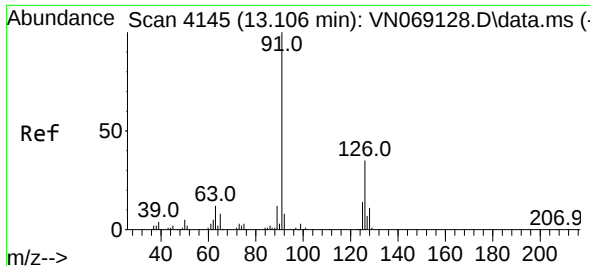
Ion Ratio Lower Upper

75 100

53 109.5 51.8 155.5

89 46.7 22.9 68.7

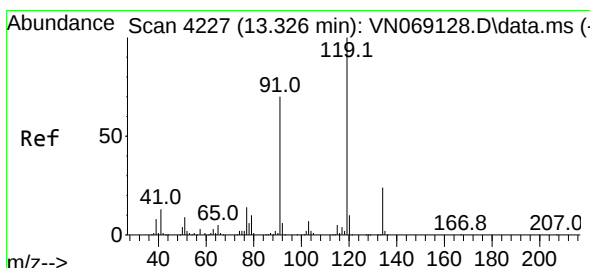
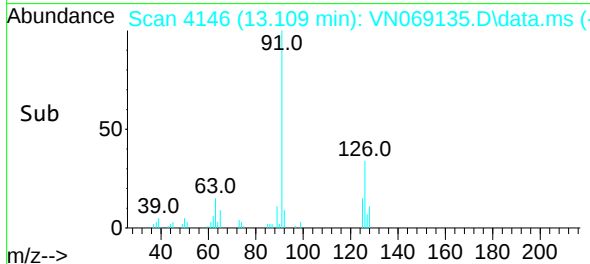
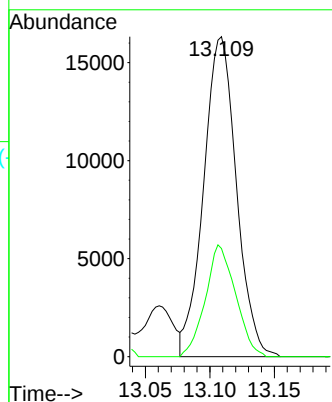
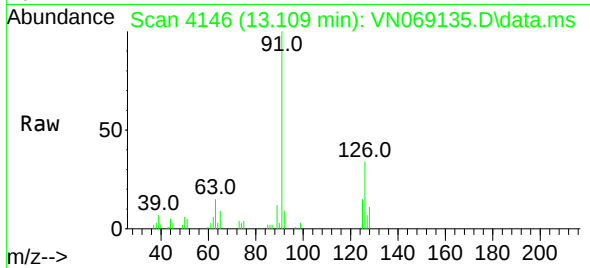




#78
4-Chlorotoluene
Concen: 1.767 ug/l
RT: 13.109 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

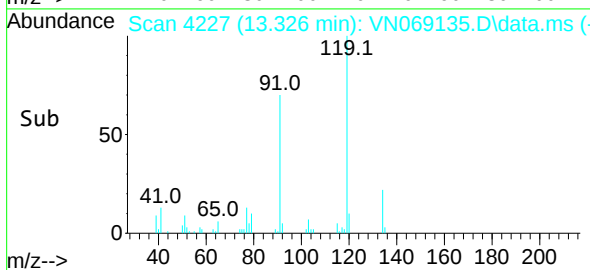
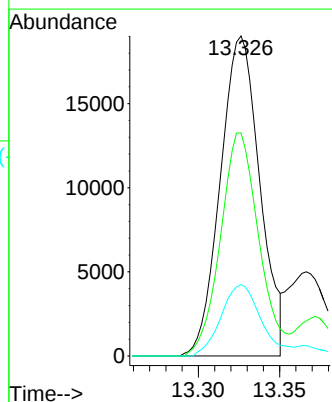
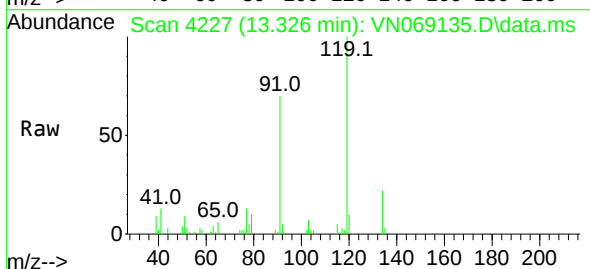
Instrument :
MSVOA_N
ClientSampleId :

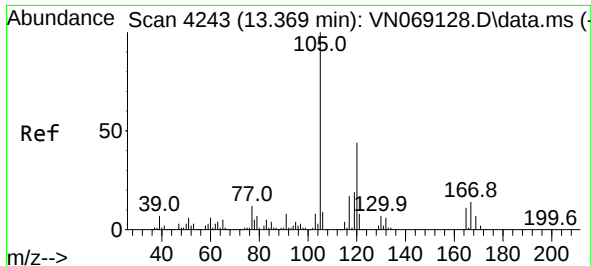
Tgt Ion: 91 Resp: 28848
Ion Ratio Lower Upper
91 100
126 32.1 0.0 70.6



#79
tert-butylbenzene
Concen: 1.853 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion: 119 Resp: 32129
Ion Ratio Lower Upper
119 100
91 67.7 0.0 137.0
134 22.6 0.0 47.6

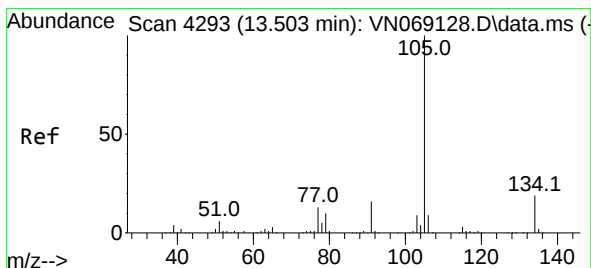
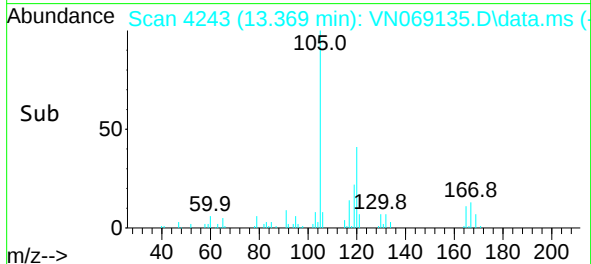
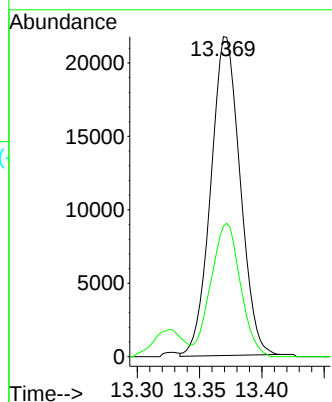
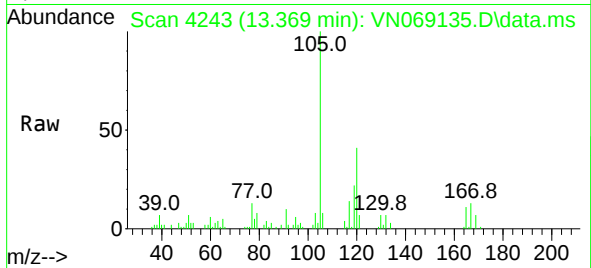




#80
 1,2,4-Trimethylbenzene
 Concen: 1.833 ug/l
 RT: 13.369 min Scan# 4243
 Delta R.T. 0.000 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

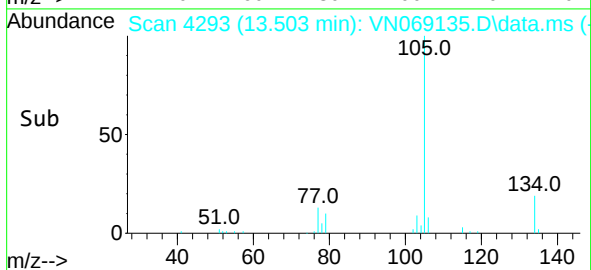
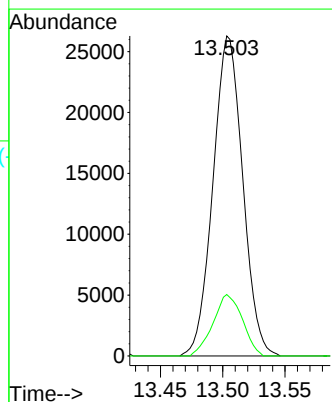
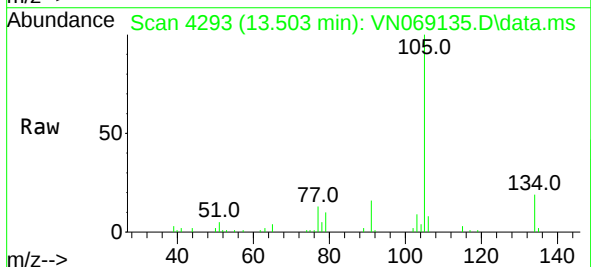
Instrument :
 MSVOA_N
 ClientSampleId :

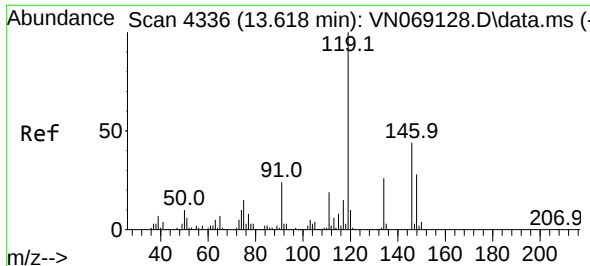
Tgt Ion:105 Resp: 35521
 Ion Ratio Lower Upper
 105 100
 120 42.4 0.0 0.2#



#81
 sec-Butylbenzene
 Concen: 1.798 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069135.D
 Acq: 22 Oct 2021 15:06

Tgt Ion:105 Resp: 43624
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.4

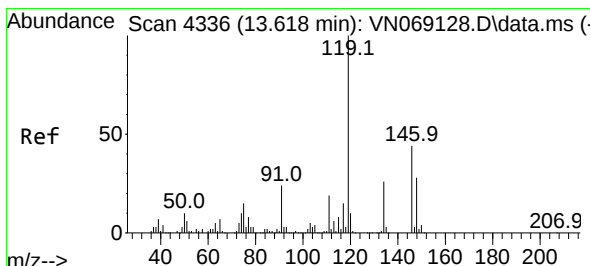
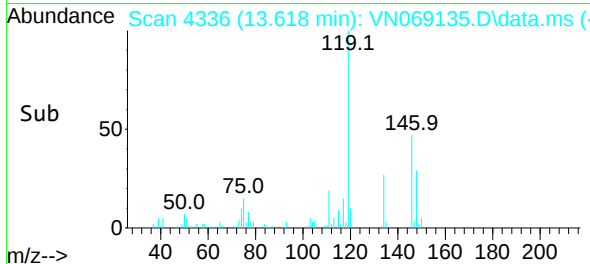
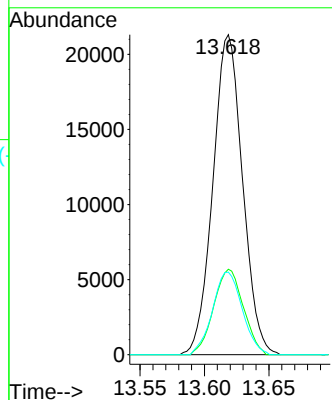
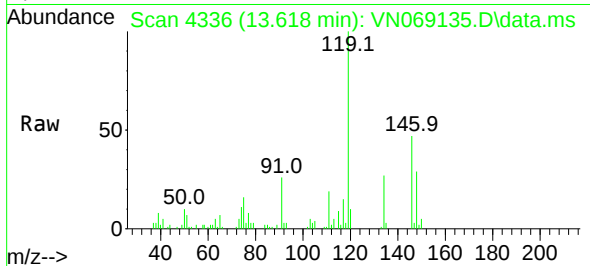




#82
p-Isopropyltoluene
Concen: 1.722 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

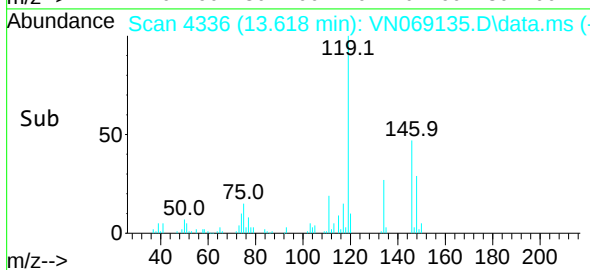
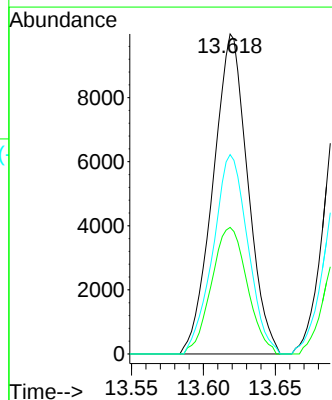
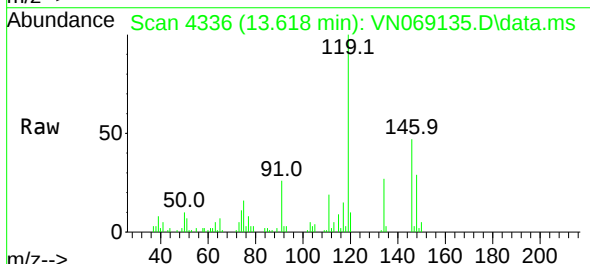
Instrument :
MSVOA_N
ClientSampleId :

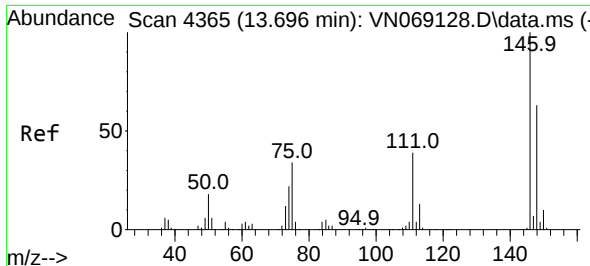
Tgt Ion:119 Resp: 34080
Ion Ratio Lower Upper
119 100
134 26.7 0.0 51.8
91 25.9 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 1.773 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

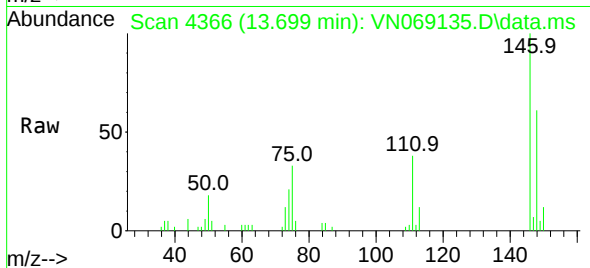
Tgt Ion:146 Resp: 16762
Ion Ratio Lower Upper
146 100
111 40.7 20.8 62.2
148 62.5 31.4 94.3



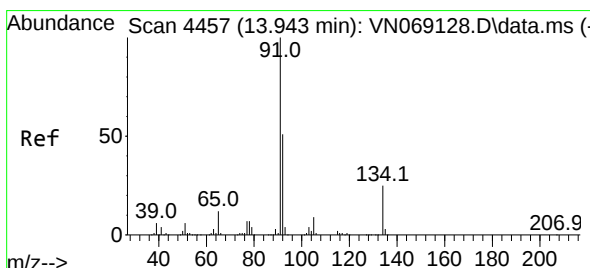
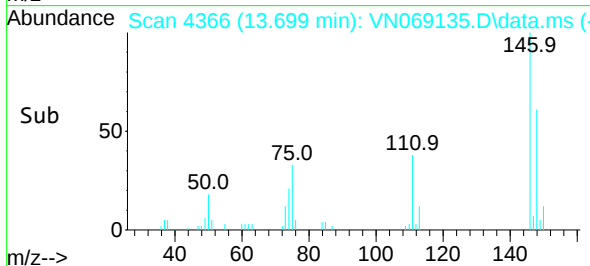
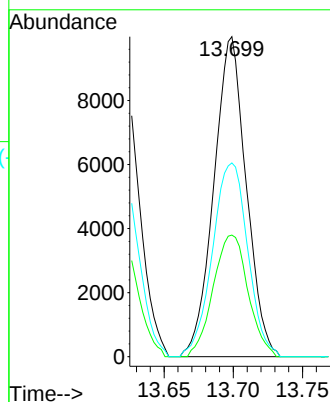


#84
1,4-Dichlorobenzene
Concen: 1.766 ug/l
RT: 13.699 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

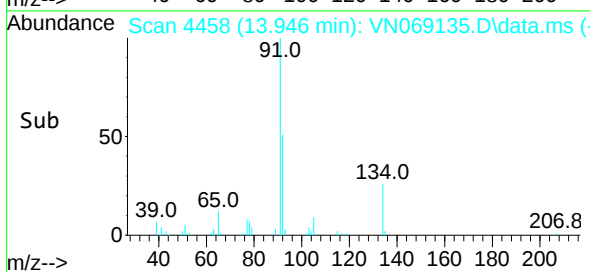
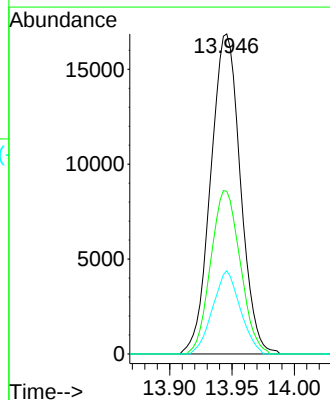
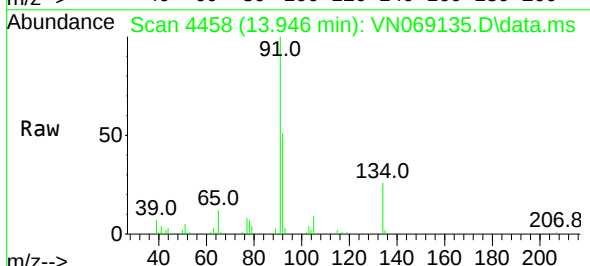


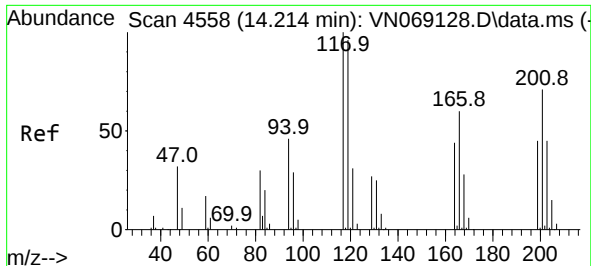
Tgt Ion:146 Resp: 16254
Ion Ratio Lower Upper
146 100
111 40.9 19.5 58.5
148 66.1 31.1 93.5



#85
n-Butylbenzene
Concen: 1.689 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

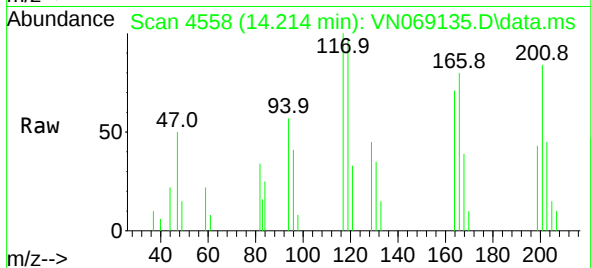
Tgt Ion: 91 Resp: 27958
Ion Ratio Lower Upper
91 100
92 50.7 0.0 100.6
134 24.1 0.0 50.2



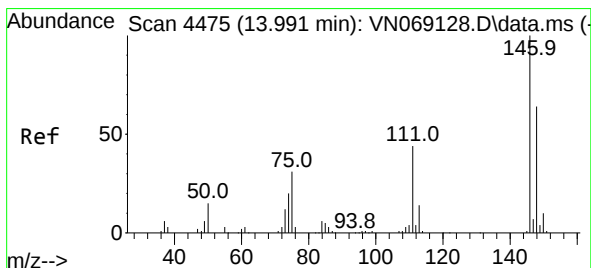
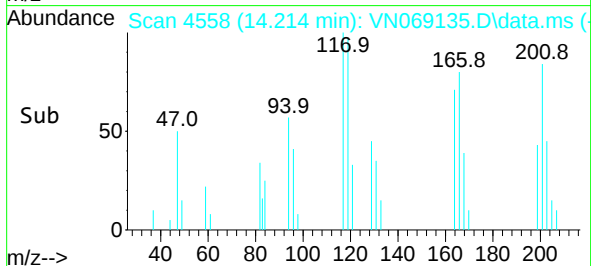
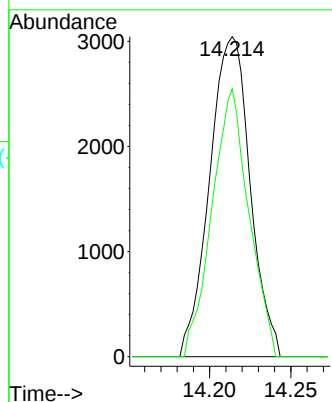


#86
Hexachloroethane
Concen: 1.424 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Instrument :
MSVOA_N
ClientSampleId :

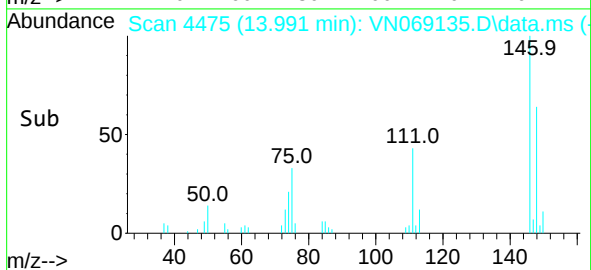
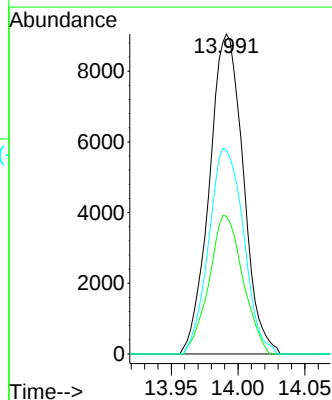
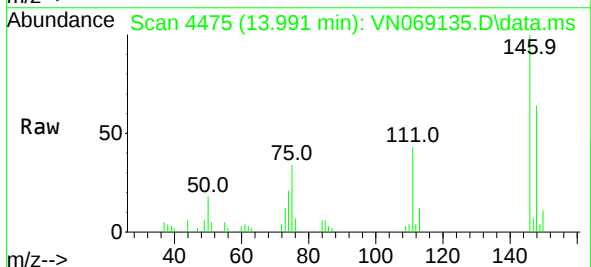


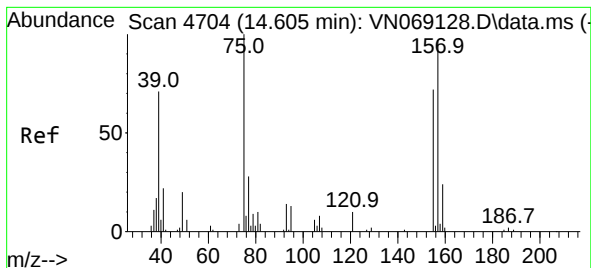
Tgt Ion:117 Resp: 5279
Ion Ratio Lower Upper
117 100
201 76.1 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 1.771 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:146 Resp: 15993
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 65.9 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 1.537 ug/l

RT: 14.603 min Scan# 41

Delta R.T. -0.003 min

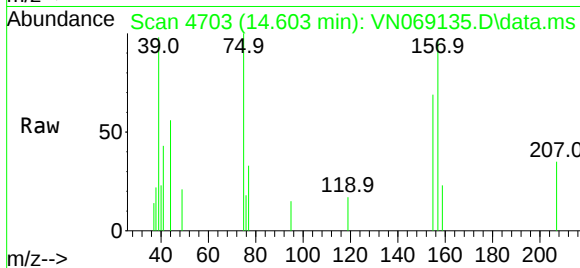
Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

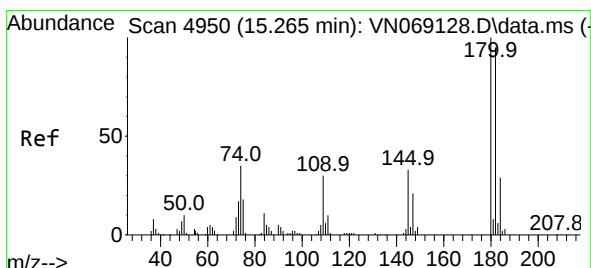
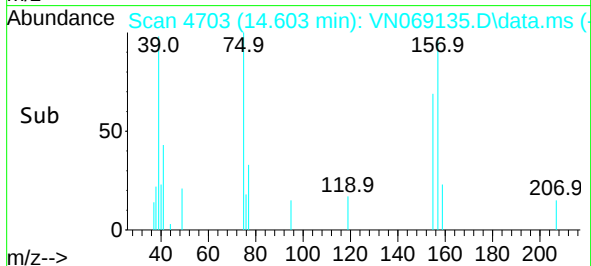
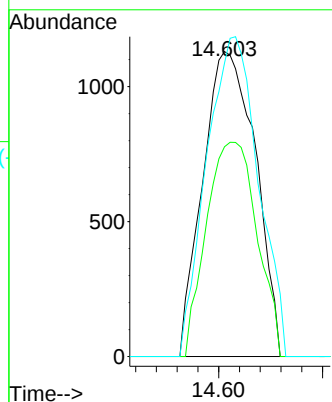
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	1988
Ion	Ratio	Lower	Upper
75	100		
155	67.6	63.8	95.8
157	103.3	77.9	116.9



#89

1,2,4-Trichlorobenzene

Concen: 1.673 ug/l

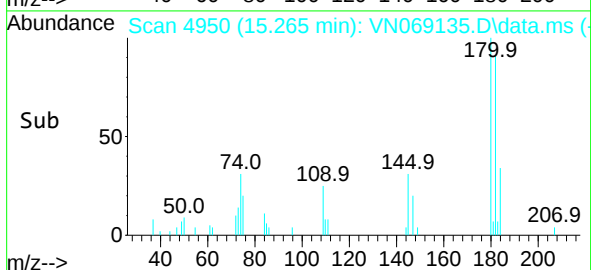
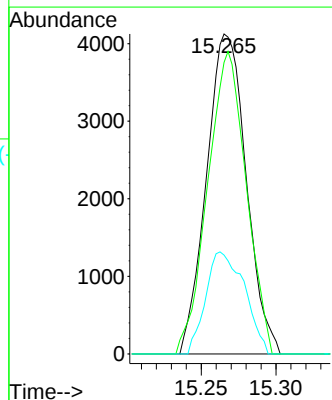
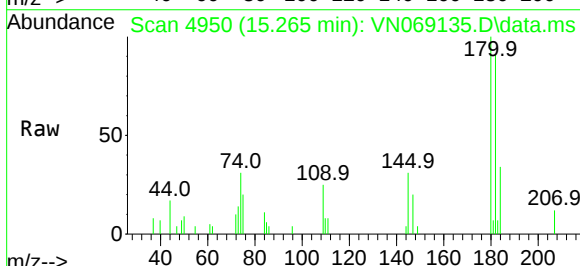
RT: 15.265 min Scan# 4950

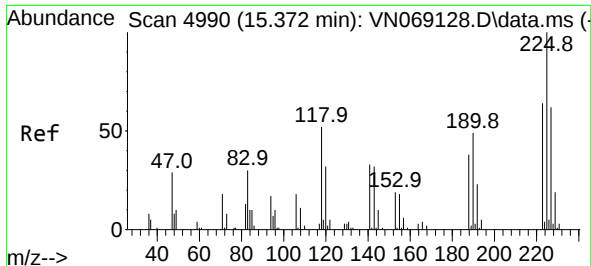
Delta R.T. 0.000 min

Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Tgt Ion:	180	Resp:	7620
Ion	Ratio	Lower	Upper
180	100		
182	91.5	77.7	116.5
145	31.1	26.6	39.8

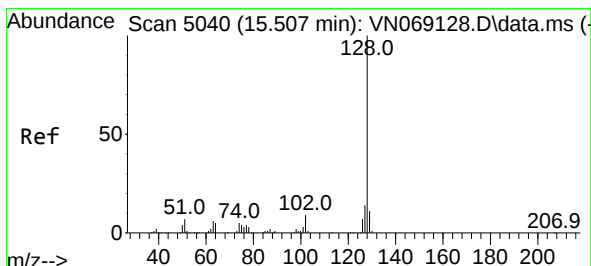
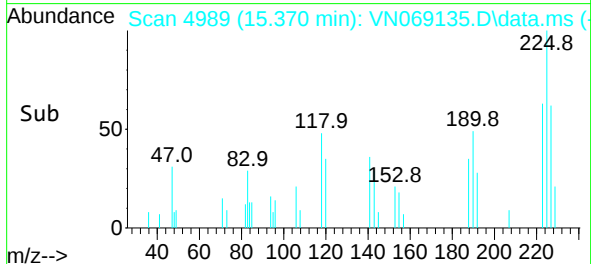
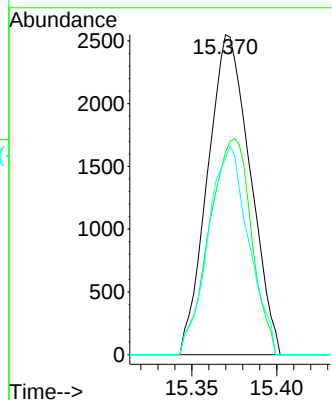
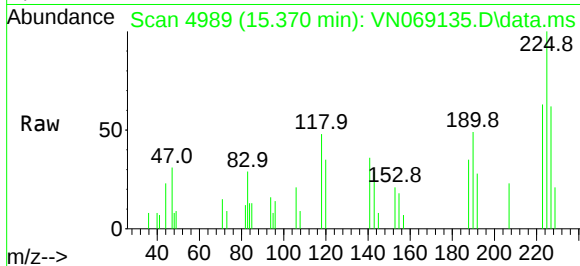




#90
Hexachlorobutadiene
Concen: 1.863 ug/l
RT: 15.370 min Scan# 4990
Delta R.T. -0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

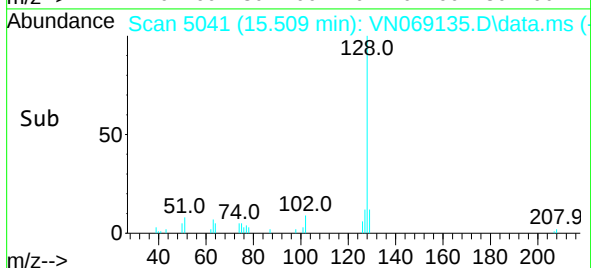
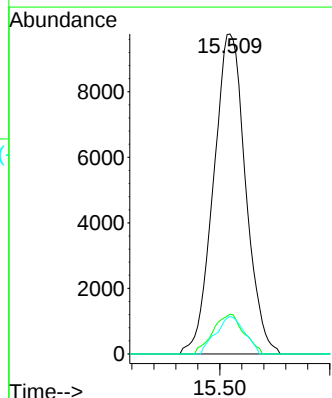
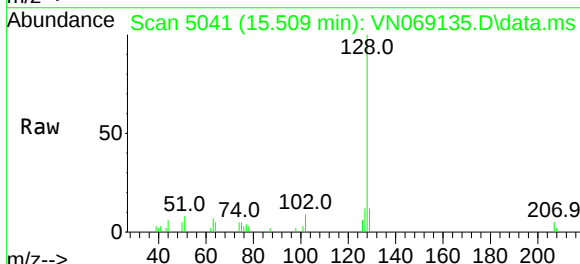
Instrument :
MSVOA_N
ClientSampleId :

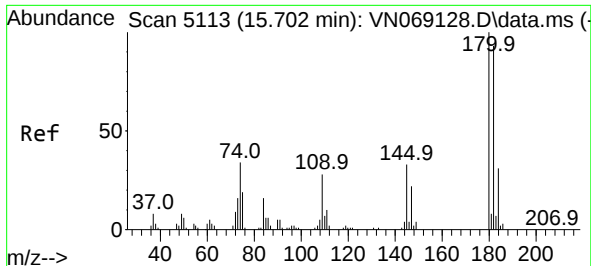
Tgt Ion:225 Resp: 4436
Ion Ratio Lower Upper
225 100
223 66.9 0.0 126.8
227 62.5 0.0 123.0



#91
Naphthalene
Concen: 1.500 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN069135.D
Acq: 22 Oct 2021 15:06

Tgt Ion:128 Resp: 19762
Ion Ratio Lower Upper
128 100
127 11.9 10.7 16.1
129 10.4 9.0 13.6





#92

1,2,3-Trichlorobenzene

Concen: 1.672 ug/l

RT: 15.702 min Scan# 51

Delta R.T. 0.000 min

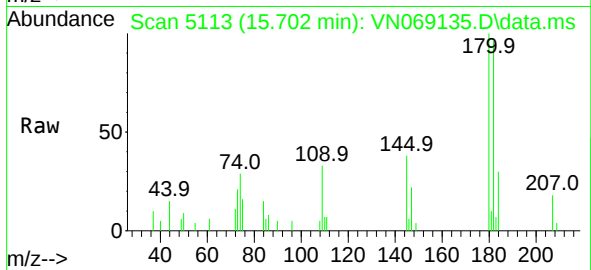
Lab File: VN069135.D

Acq: 22 Oct 2021 15:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 7278

Ion Ratio Lower Upper

180 100

182 92.4 0.0 190.0

145 32.0 0.0 67.8

