

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069269.D
 Acq On : 29 Oct 2021 00:27
 Operator : JC/MD
 Sample : M4338-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 29 07:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	298112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	521583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	496416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	180882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198308	46.082	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.160%
35) Dibromofluoromethane	8.024	113	152537	46.915	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.820%
50) Toluene-d8	10.443	98	648089	49.853	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.733	95	227269	46.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.081	85	25	0.778	ug/l #	42
3) Chloromethane	2.303	50	817	Below Cal		97
5) Bromomethane	2.869	94	504	0.201	ug/l	92
10) Methyl Iodide	4.411	142	212	2.508	ug/l #	41
11) Tert butyl alcohol	5.323	59	2673	16.431	ug/l #	72
13) Acrolein	4.044	56	50	0.264	ug/l #	75
14) Allyl chloride	4.594	41	4883	1.029	ug/l #	70
15) Acrylonitrile	5.573	53	389	0.214	ug/l #	33
16) Acetone	4.293	43	2459	1.341	ug/l	93
23) Vinyl Acetate	6.425	43	98	6.600	ug/l #	72
25) 2-Butanone	7.343	43	2541	2.532	ug/l #	48
26) 2,2-Dichloropropane	7.321	77	955	1.006	ug/l #	53
29) Tetrahydrofuran	7.697	42	115	3.000	ug/l #	33
31) Cyclohexane	8.088	56	7359	1.278	ug/l #	20
36) 1,1-Dichloropropene	8.086	75	24893	5.536	ug/l #	49
38) Carbon Tetrachloride	8.088	117	31104	6.968	ug/l #	16
43) Isopropyl Acetate	8.560	43	51	0.464	ug/l #	55
51) 4-Methyl-2-Pentanone	10.338	43	2054	6.746	ug/l #	87
53) t-1,3-Dichloropropene	10.448	75	26	1.943	ug/l #	43
54) cis-1,3-Dichloropropene	10.191	75	83	1.541	ug/l #	32
56) Ethyl methacrylate	10.762	69	206	1.714	ug/l	90
59) 2-Hexanone	11.092	43	4226	8.920	ug/l	89
60) Dibromochloromethane	10.982	129	1870	2.418	ug/l #	10
64) Tetrachloroethene	10.982	164	2039	0.643	ug/l #	84
70) Styrene	12.296	104	1005	1.537	ug/l	89
71) Bromoform	12.744	173	345	2.979	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	120120	25.249	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	120120	72.276	ug/l #	12
82) 4-Chlorotoluene	13.106	91	2172	0.203	ug/l	93
87) 1,3-Dichlorobenzene	13.621	146	1425	0.228	ug/l	98
88) 1,4-Dichlorobenzene	13.621	146	1425	0.309	ug/l	98
89) n-Butylbenzene	13.946	91	3327	0.323	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.611	75	99	1.754	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.268	180	2591	3.325	ug/l	96
95) Naphthalene	15.509	128	13565	4.709	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	3182	3.267	ug/l	99

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QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration

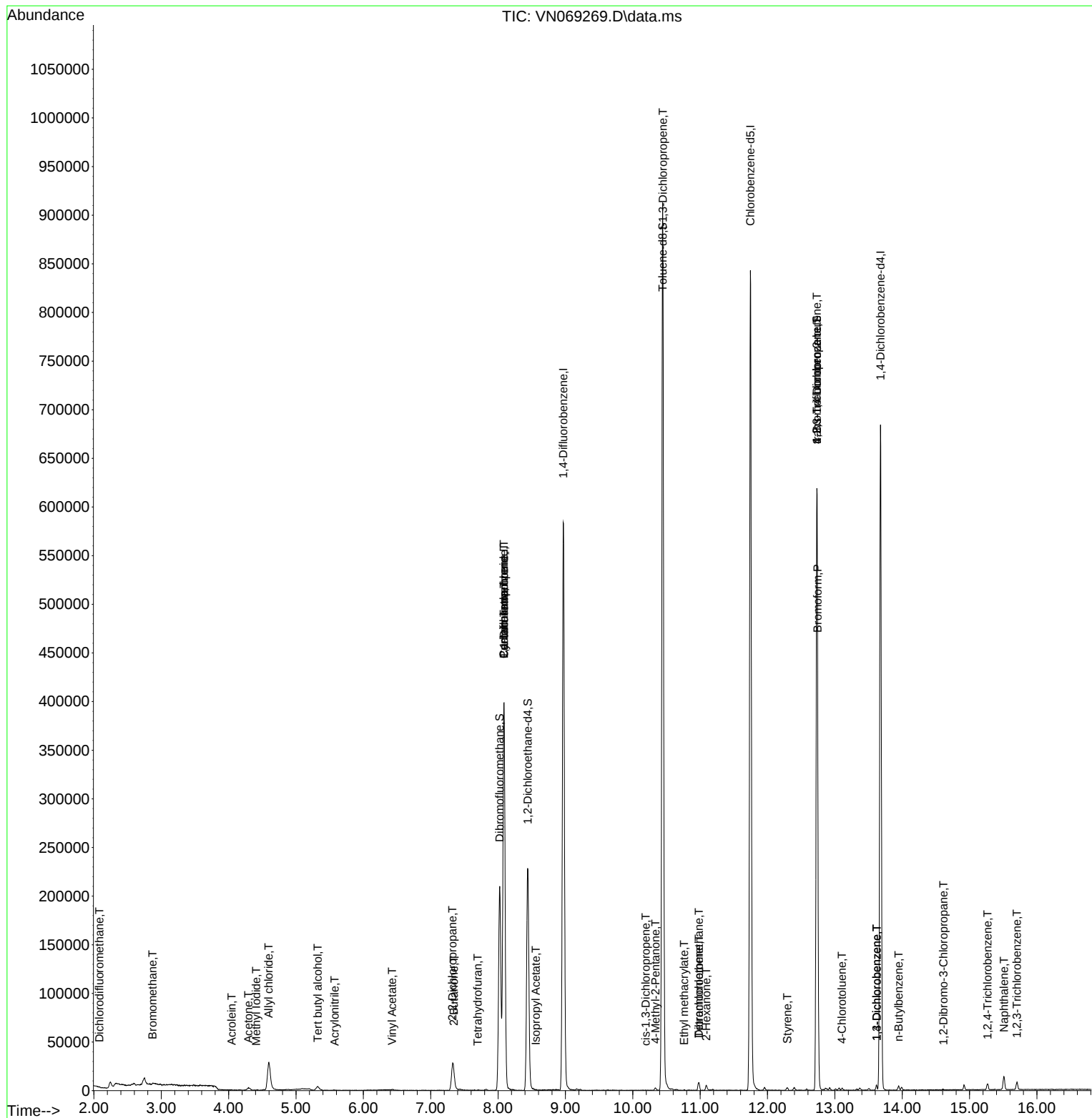
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

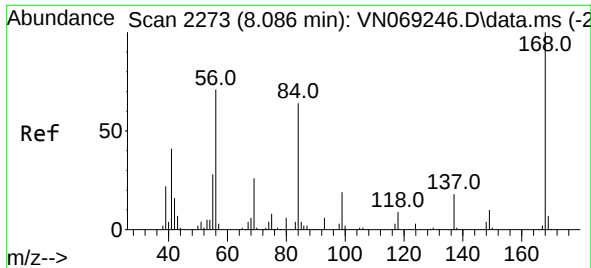
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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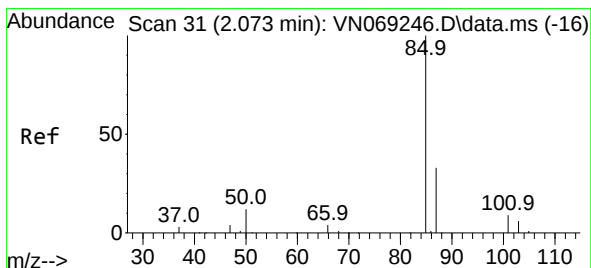
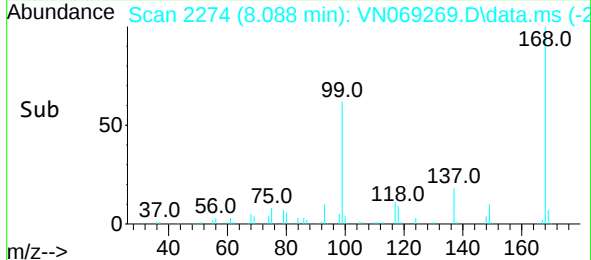
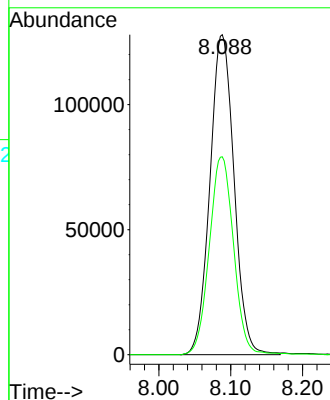
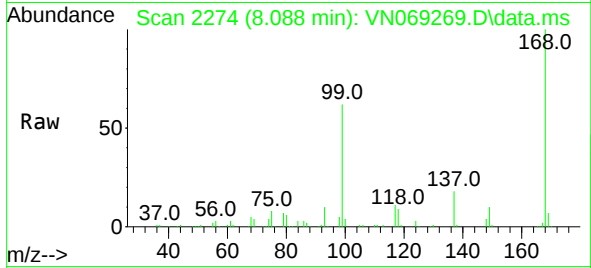




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

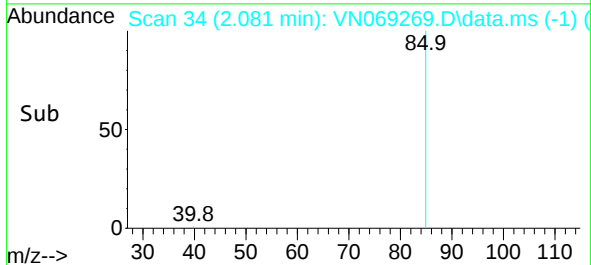
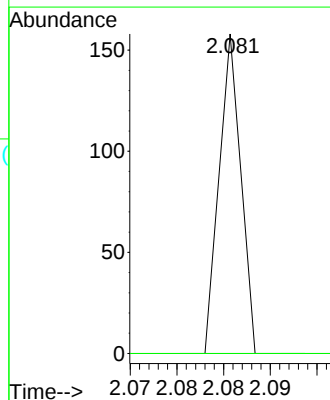
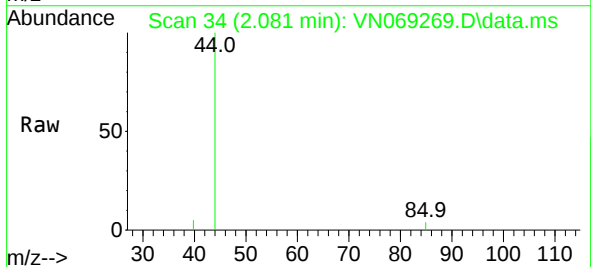
Instrument :
MSVOA_D
ClientSampleId :

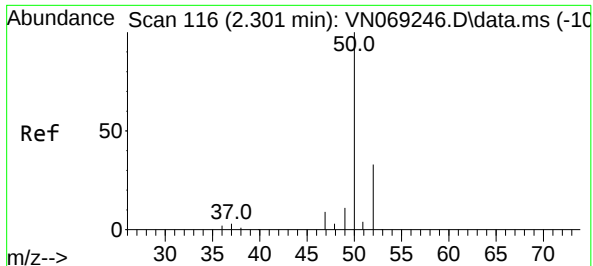
Tgt Ion:168 Resp: 298112
Ion Ratio Lower Upper
168 100
99 61.9 48.9 73.3



#2
Dichlorodifluoromethane
Concen: 0.778 ug/l
RT: 2.081 min Scan# 34
Delta R.T. 0.008 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

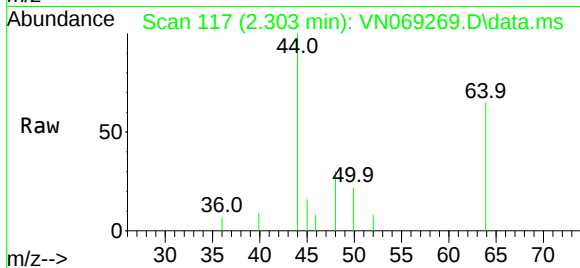
Tgt Ion: 85 Resp: 25
Ion Ratio Lower Upper
85 100
87 0.0 16.3 48.8#



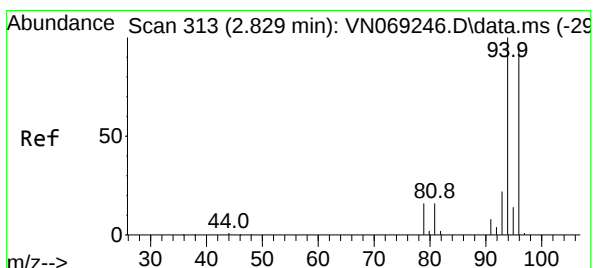
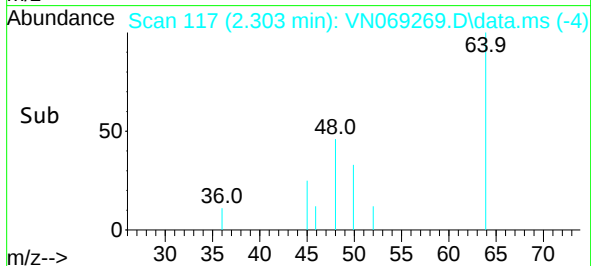
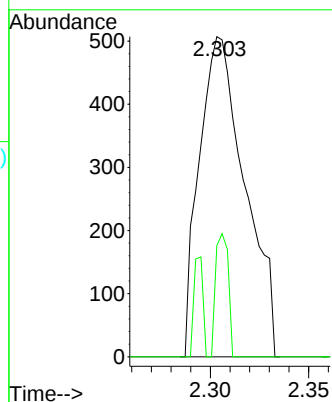


#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Instrument :
MSVOA_D
ClientSampled :

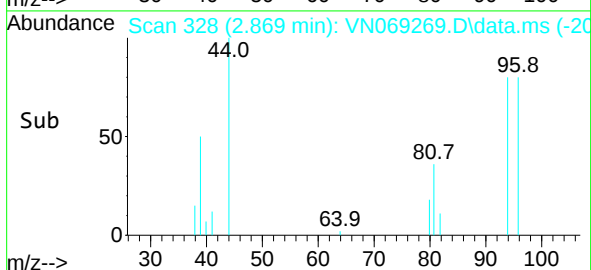
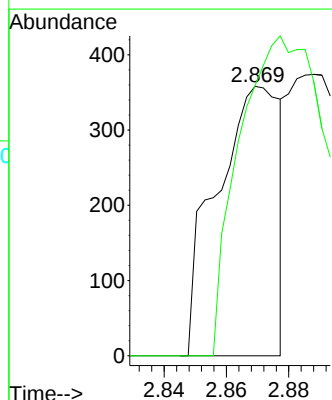
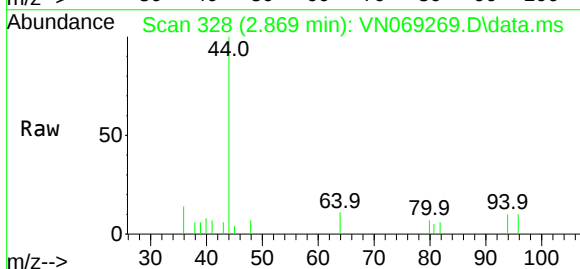


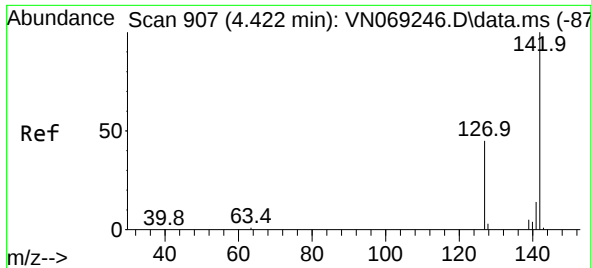
Tgt Ion: 50 Resp: 817
Ion Ratio Lower Upper
50 100
52 34.7 26.3 39.5



#5
Bromomethane
Concen: 0.201 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.040 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 94 Resp: 504
Ion Ratio Lower Upper
94 100
96 100.3 74.2 111.4

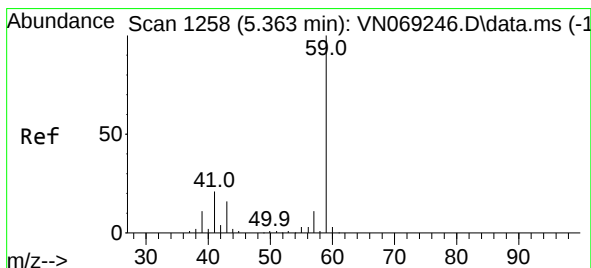
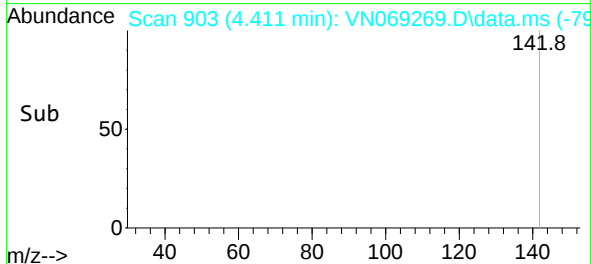
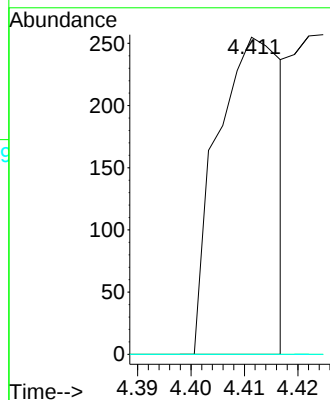
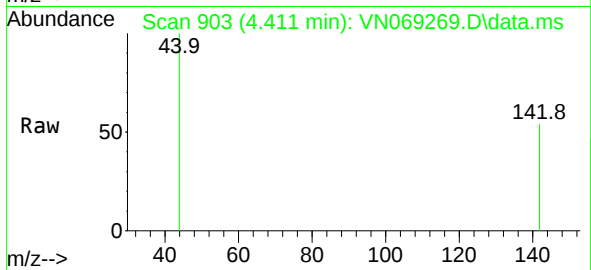




#10
Methyl Iodide
Concen: 2.508 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.011 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

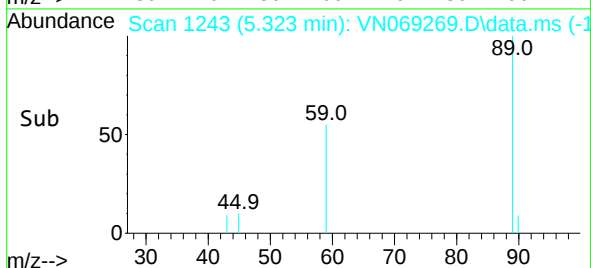
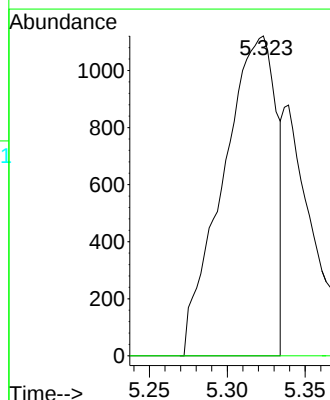
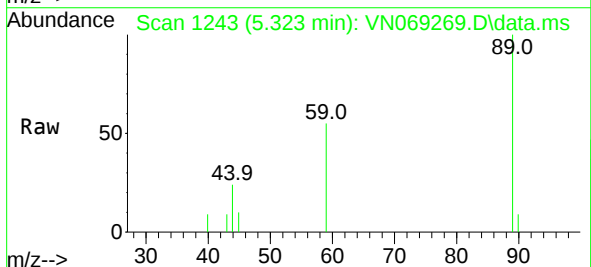
Instrument :
MSVOA_D
ClientSampled :

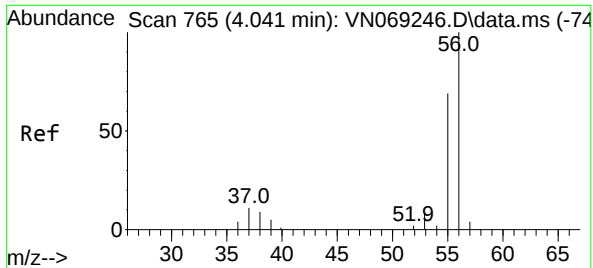
Tgt Ion:142 Resp: 212
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 16.431 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.040 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 59 Resp: 2673
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

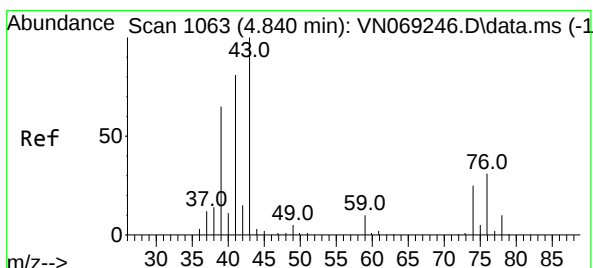
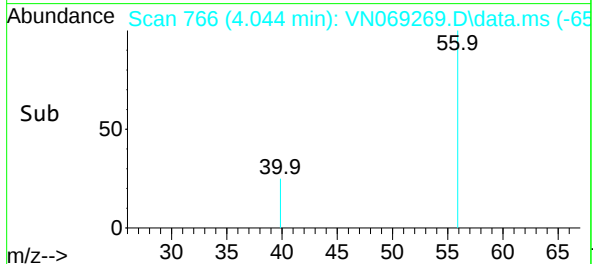
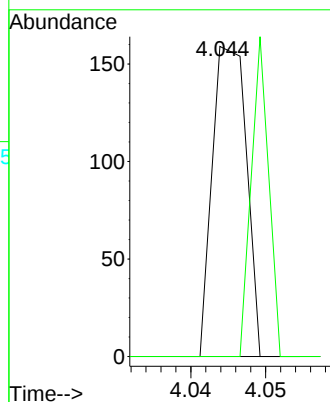
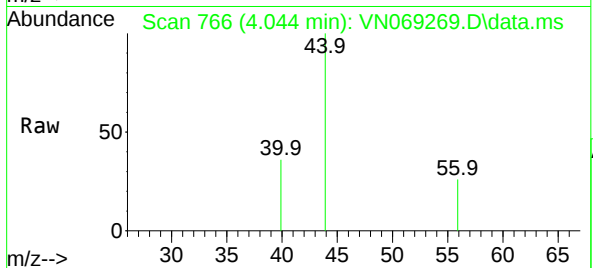




#13
Acrolein
Concen: 0.264 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

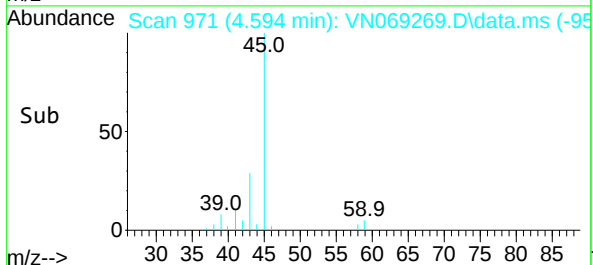
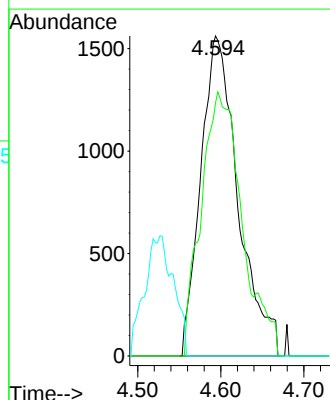
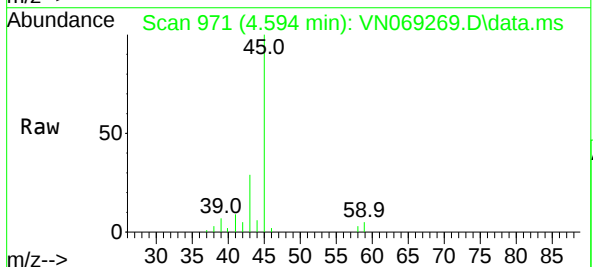
Instrument :
MSVOA_D
ClientSampleId :

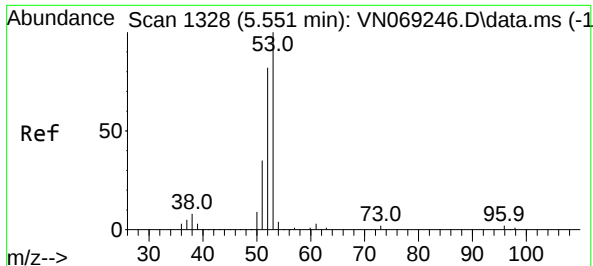
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 52.0 58.1 87.1#



#14
Allyl chloride
Concen: 1.029 ug/l
RT: 4.594 min Scan# 971
Delta R.T. -0.246 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 41 Resp: 4883
Ion Ratio Lower Upper
41 100
39 82.8 55.6 83.4
76 0.0 26.4 39.6#





#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 5.573 min Scan# 1336

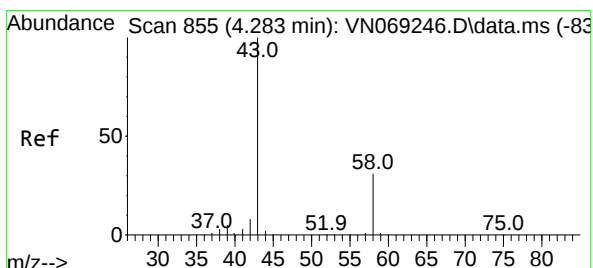
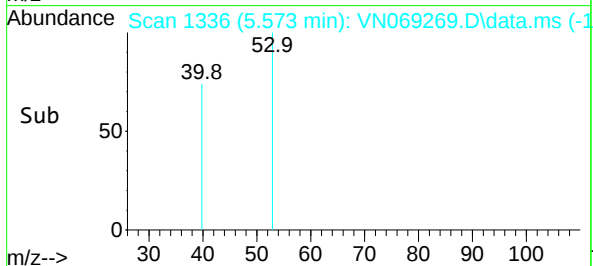
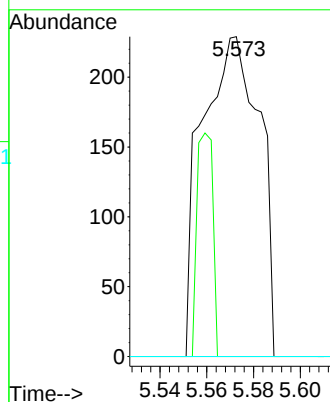
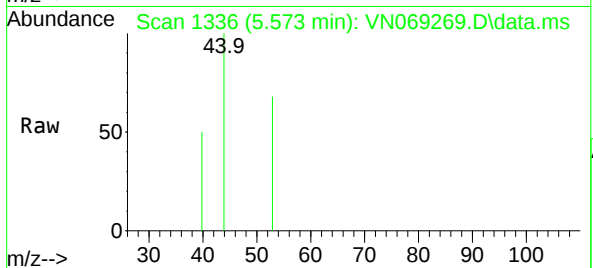
Delta R.T. 0.022 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

Tgt Ion: 53	Resp:	389
Ion	Ratio	Lower Upper
53	100	
52	19.3	65.7 98.5#
51	0.0	28.9 43.3#

Instrument :
MSVOA_D
ClientSampled :



#16

Acetone

Concen: 1.341 ug/l

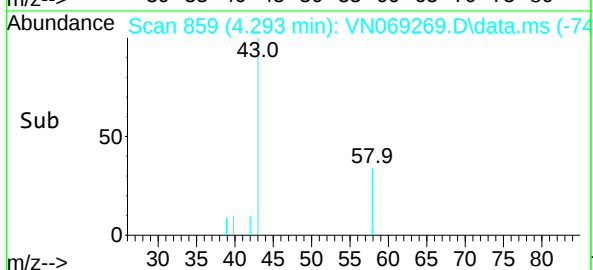
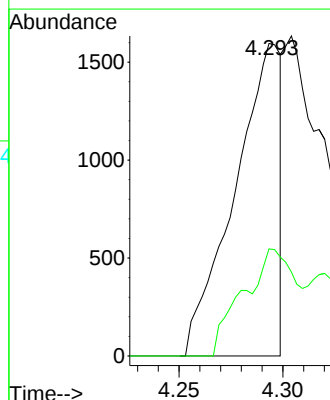
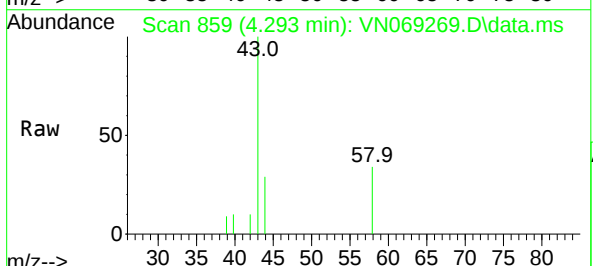
RT: 4.293 min Scan# 859

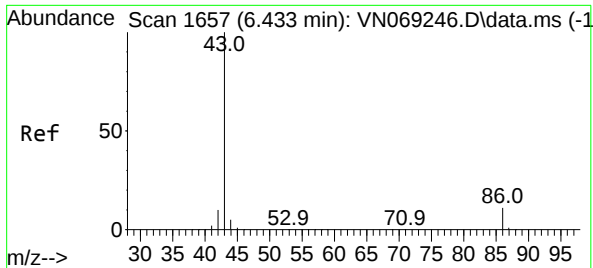
Delta R.T. 0.010 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

Tgt Ion: 43	Resp:	2459
Ion	Ratio	Lower Upper
43	100	
58	34.3	24.5 36.7

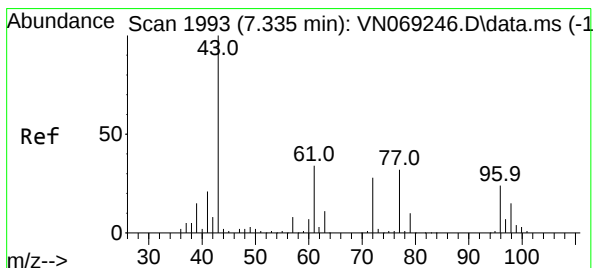
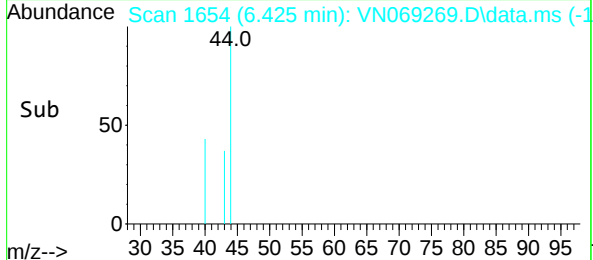
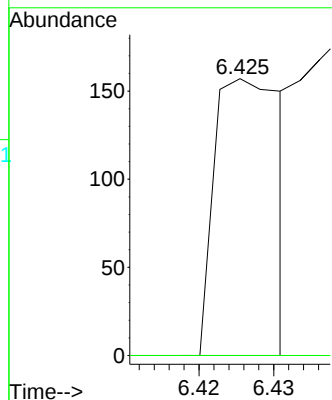
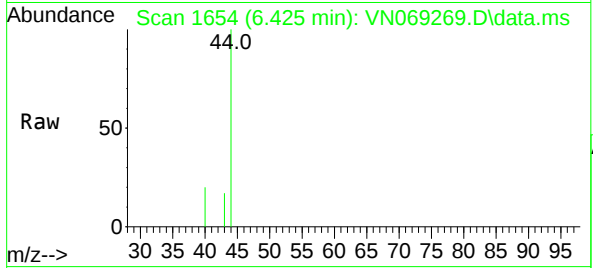




#23
 Vinyl Acetate
 Concen: 6.600 ug/l
 RT: 6.425 min Scan# 1654
 Delta R.T. -0.008 min
 Lab File: VN069269.D
 Acq: 29 Oct 2021 00:27

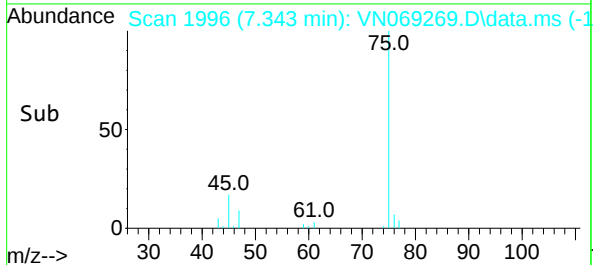
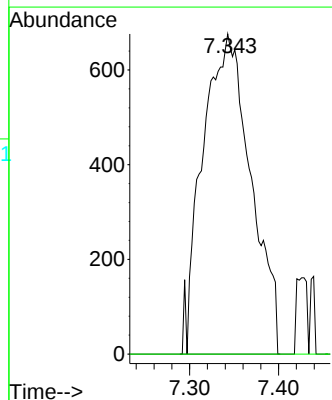
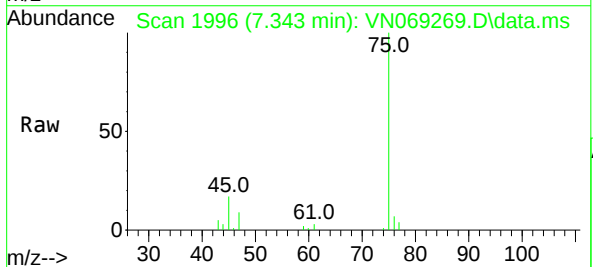
Instrument :
 MSVOA_D
 ClientSampled :

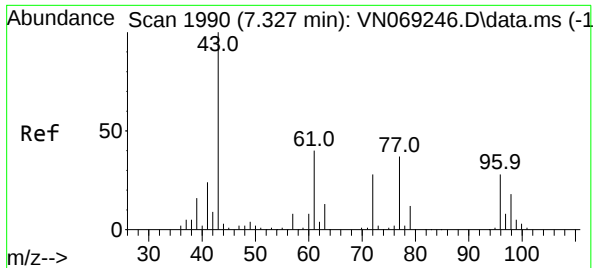
Tgt Ion: 43 Resp: 98
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.3 12.5#



#25
 2-Butanone
 Concen: 2.532 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. 0.008 min
 Lab File: VN069269.D
 Acq: 29 Oct 2021 00:27

Tgt Ion: 43 Resp: 2541
 Ion Ratio Lower Upper
 43 100
 72 0.0 21.2 31.8#

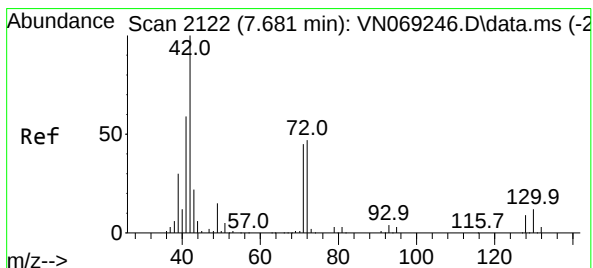
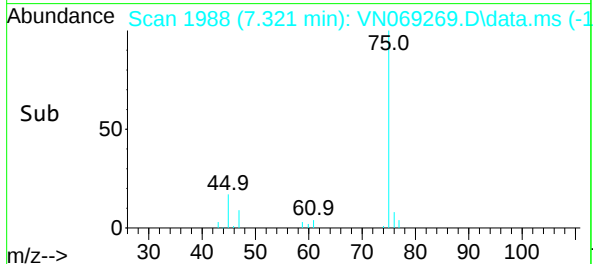
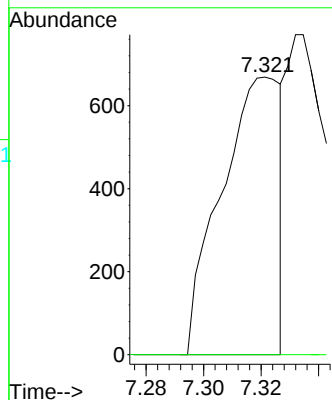
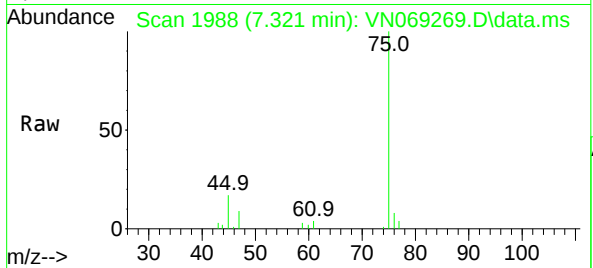




#26
2,2-Dichloropropane
Concen: 1.006 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

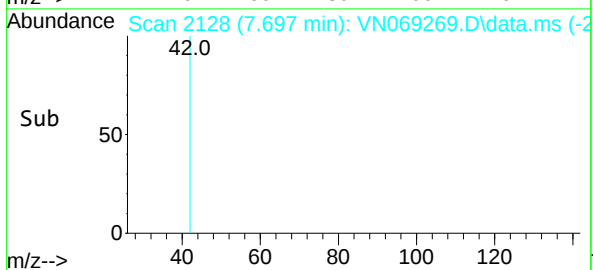
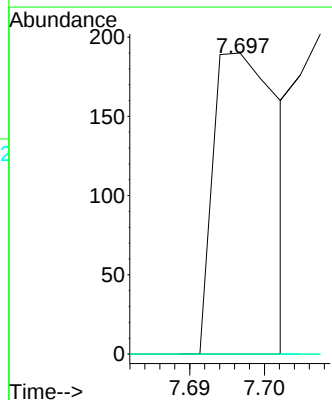
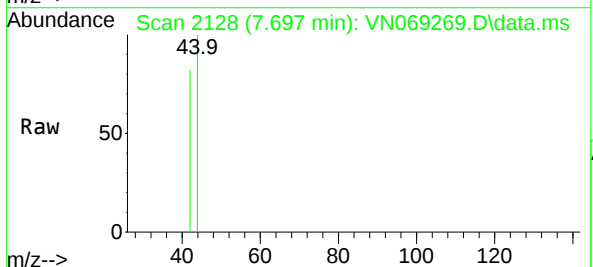
Instrument :
MSVOA_D
ClientSampled :

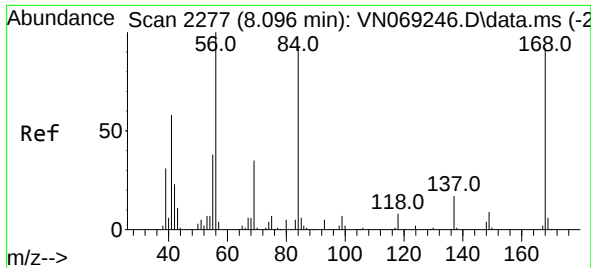
Tgt Ion: 77 Resp: 955
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.6#



#29
Tetrahydrofuran
Concen: 3.000 ug/l
RT: 7.697 min Scan# 2128
Delta R.T. 0.016 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 42 Resp: 115
Ion Ratio Lower Upper
42 100
72 0.0 35.4 53.2#
71 0.0 33.8 50.6#

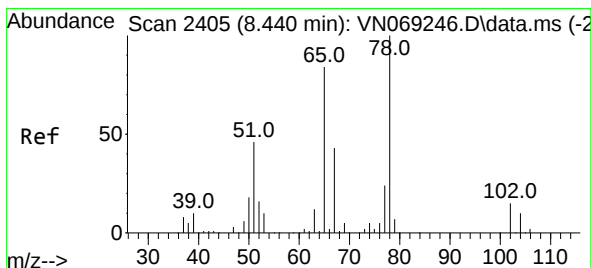
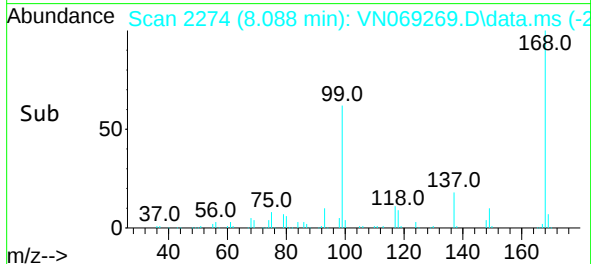
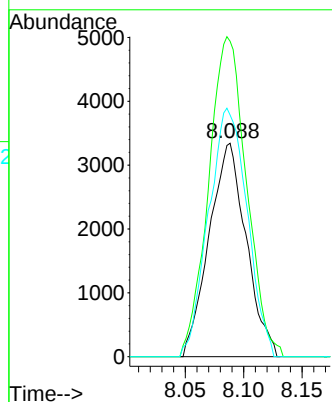
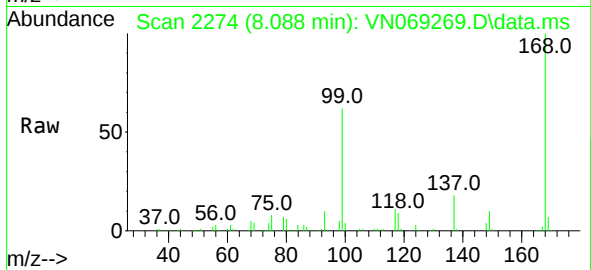




#31
Cyclohexane
Concen: 1.278 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

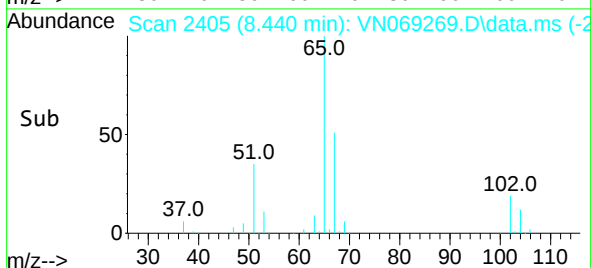
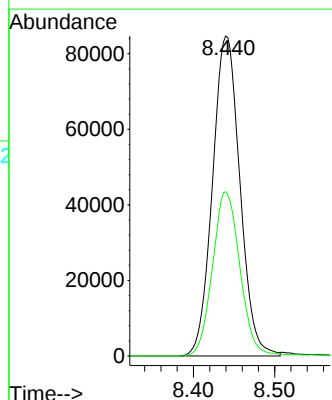
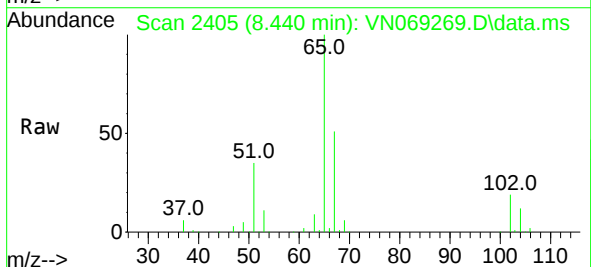
Instrument :
MSVOA_D
ClientSampleId :

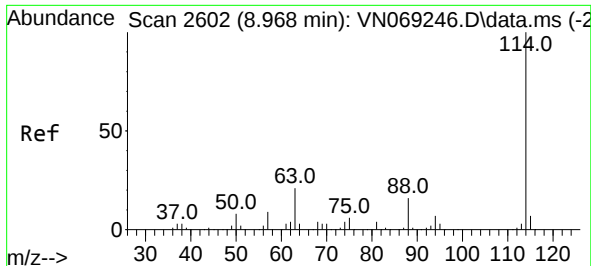
Tgt Ion: 56 Resp: 7359
Ion Ratio Lower Upper
56 100
69 147.7 26.9 40.3#
84 113.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 46.082 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 65 Resp: 198308
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8

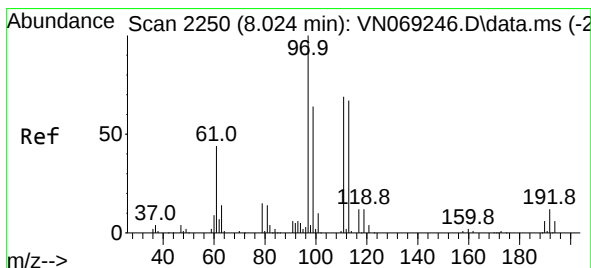
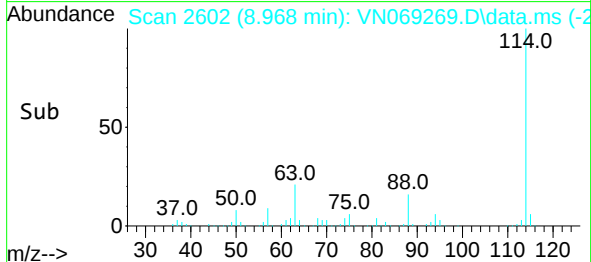
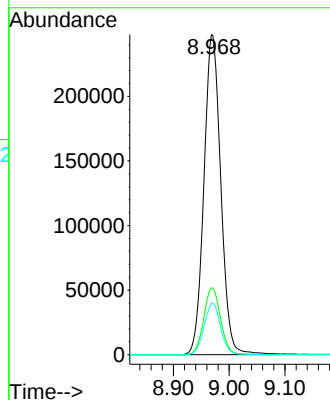
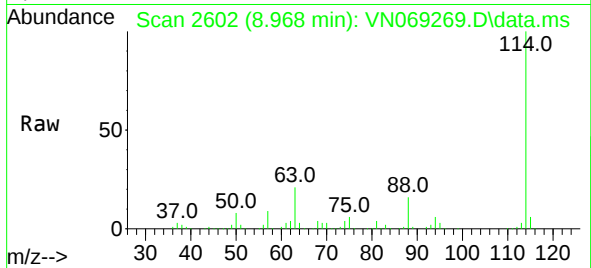




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

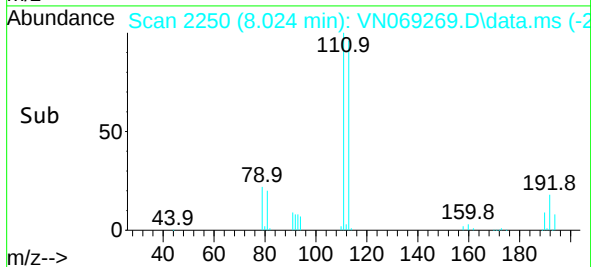
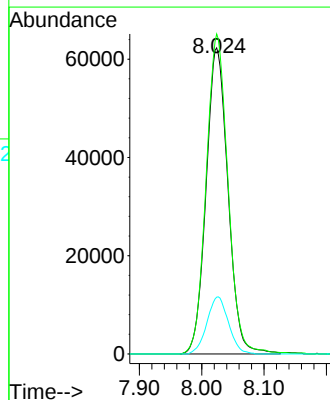
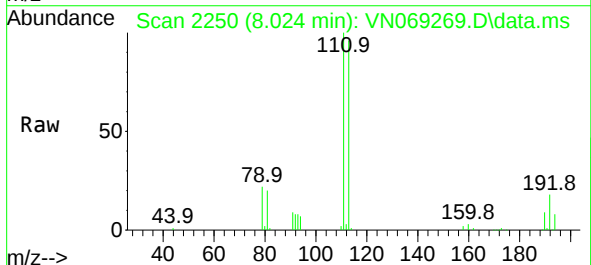
Instrument :
MSVOA_D
ClientSampleId :

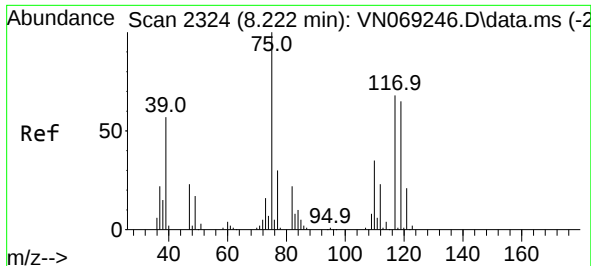
Tgt Ion:114 Resp: 521583
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.915 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

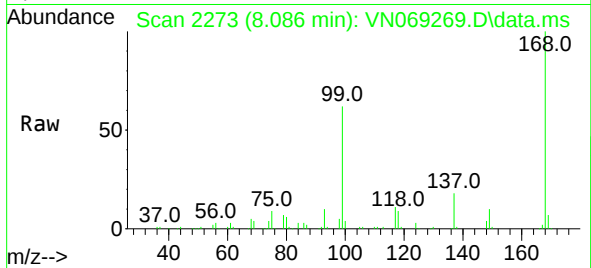
Tgt Ion:113 Resp: 152537
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 18.4 15.0 22.4



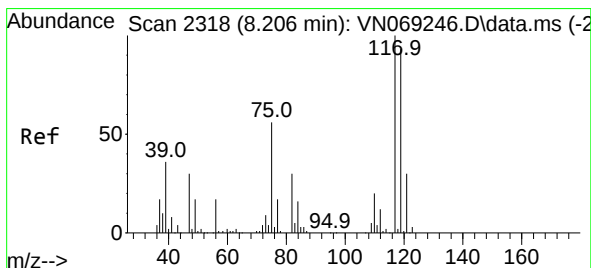
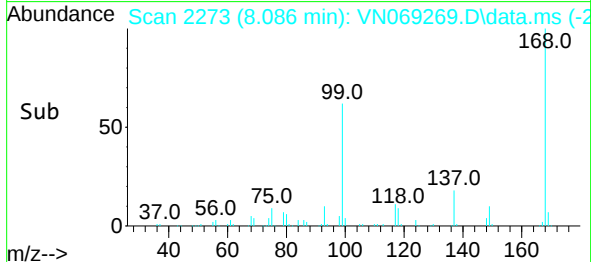
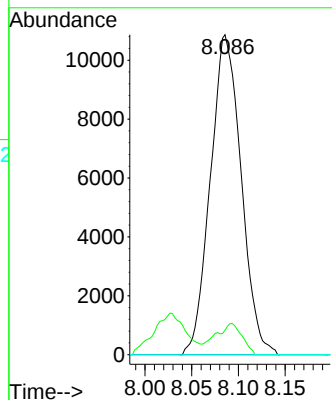


#36
1,1-Dichloropropene
Concen: 5.536 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Instrument :
MSVOA_D
ClientSampled :

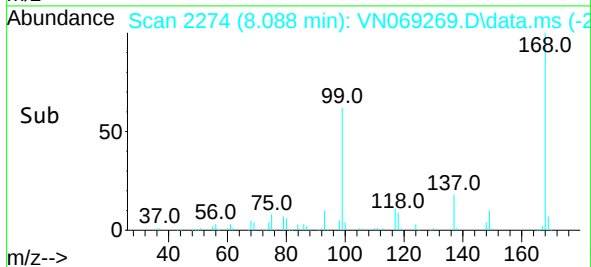
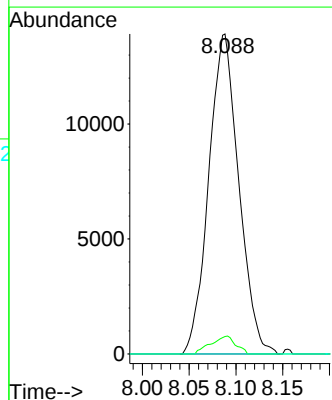
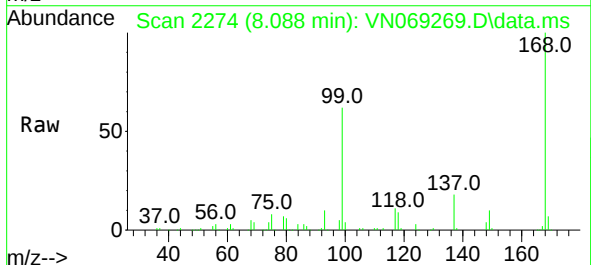


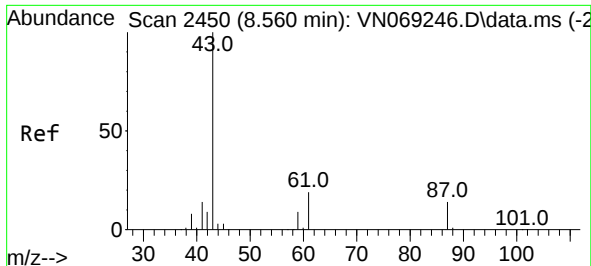
Tgt Ion: 75 Resp: 24893
Ion Ratio Lower Upper
75 100
110 8.5 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.968 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 117 Resp: 31104
Ion Ratio Lower Upper
117 100
119 5.4 76.9 115.3#
121 0.0 24.6 37.0#

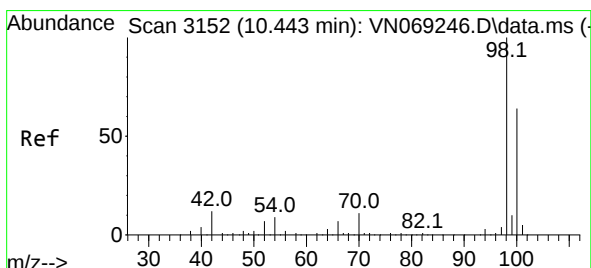
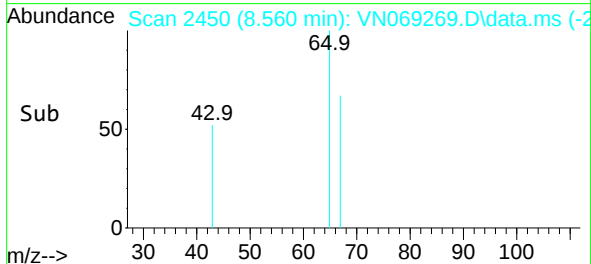
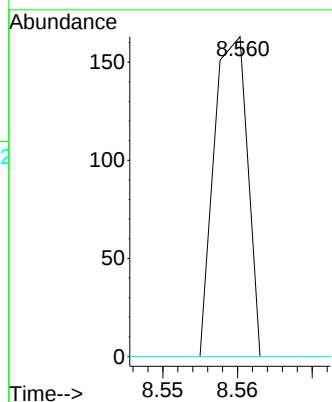
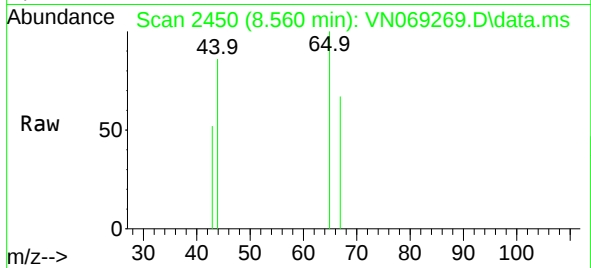




#43
Isopropyl Acetate
Concen: 0.464 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

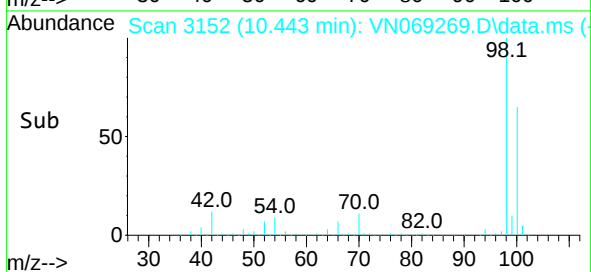
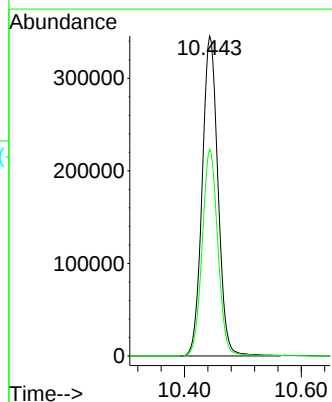
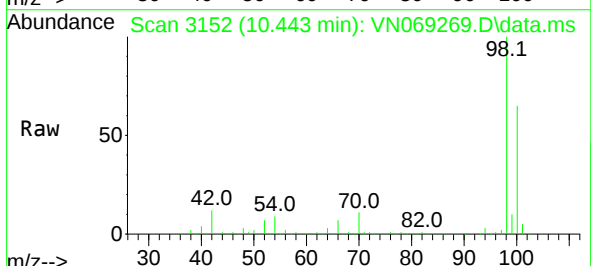
Instrument :
MSVOA_D
ClientSampled :

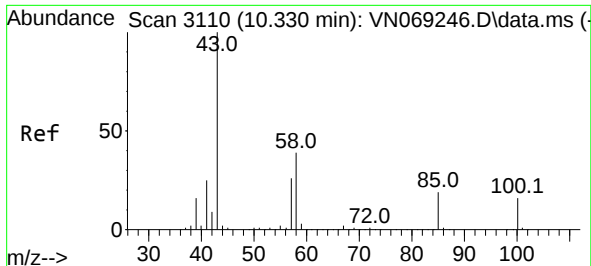
Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 49.853 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 98 Resp: 648089
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3

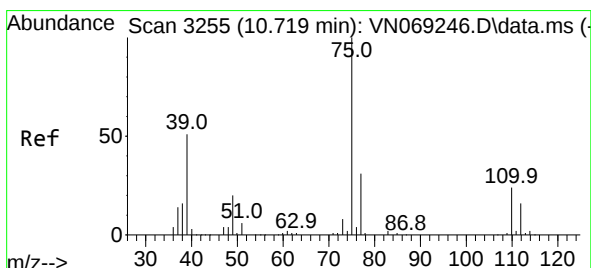
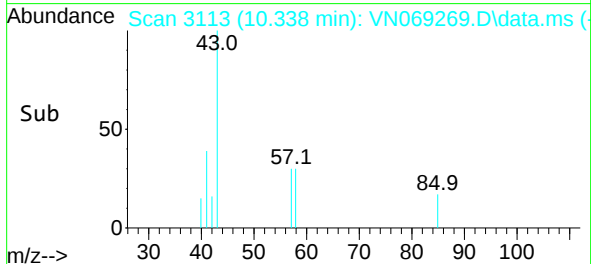
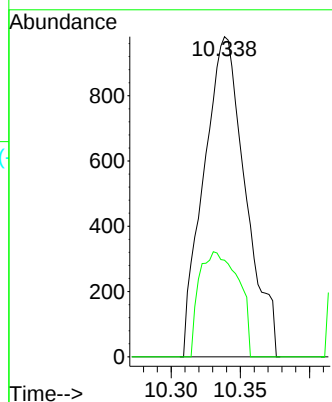
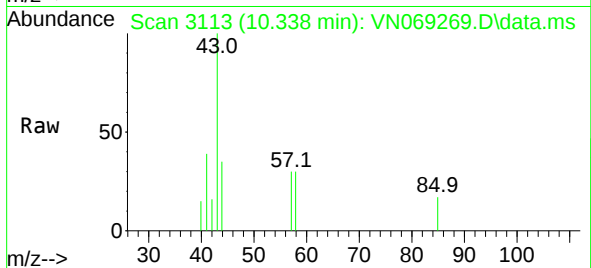




#51
4-Methyl-2-Pentanone
Concen: 6.746 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

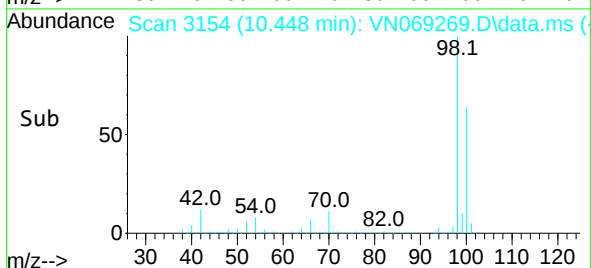
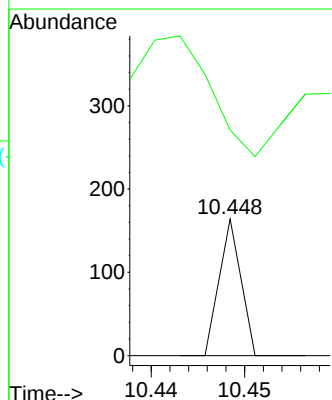
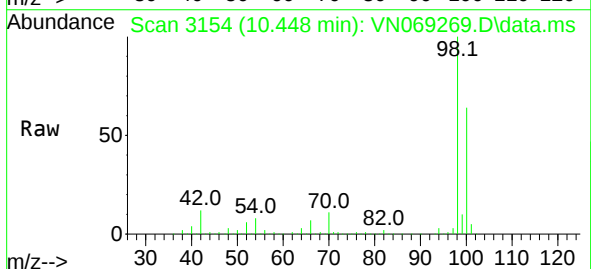
Instrument :
MSVOA_D
ClientSampled :

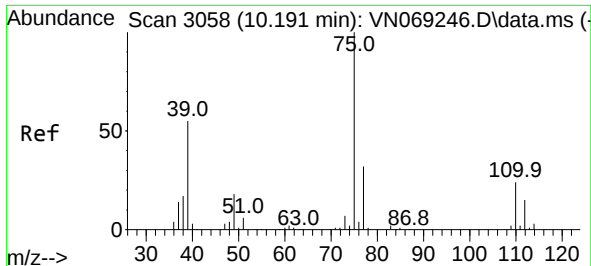
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 30.8 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 1.943 ug/l
RT: 10.448 min Scan# 3154
Delta R.T. -0.271 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

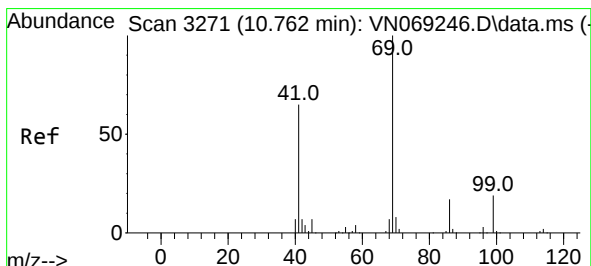
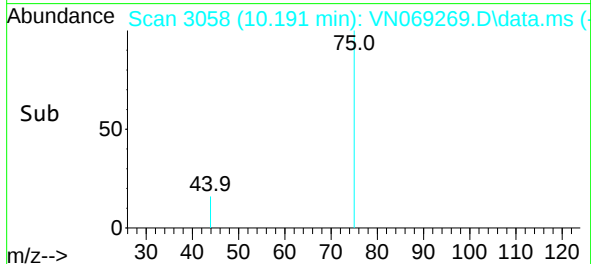
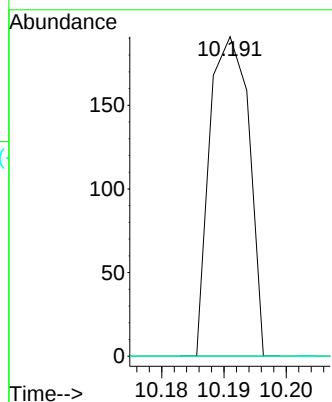
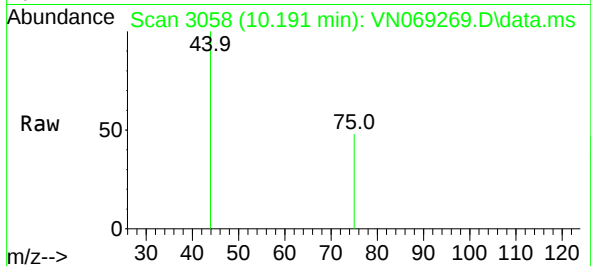




#54
 cis-1,3-Dichloropropene
 Concen: 1.541 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN069269.D
 Acq: 29 Oct 2021 00:27

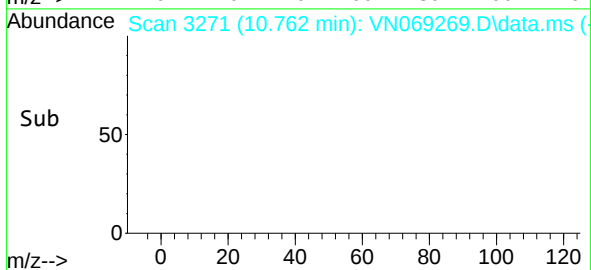
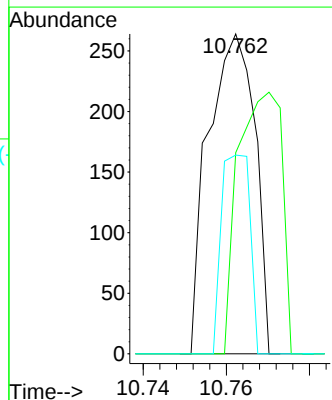
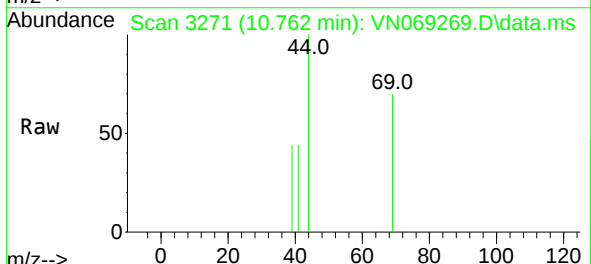
Instrument :
 MSVOA_D
 ClientSampled :

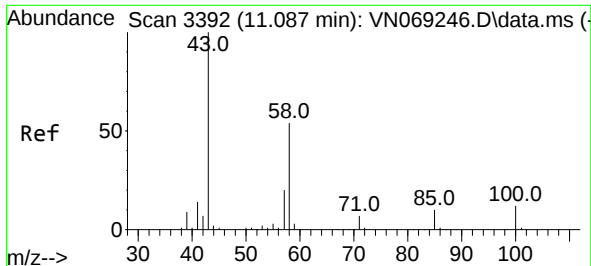
Tgt Ion: 75	Resp:	83
Ion	Ratio	Lower Upper
75	100	
77	0.0	25.6 38.4#
39	0.0	42.9 64.3#



#56
 Ethyl methacrylate
 Concen: 1.714 ug/l
 RT: 10.762 min Scan# 3271
 Delta R.T. 0.000 min
 Lab File: VN069269.D
 Acq: 29 Oct 2021 00:27

Tgt Ion: 69	Resp:	206
Ion	Ratio	Lower Upper
69	100	
41	76.7	53.3 79.9
39	37.9	33.3 49.9

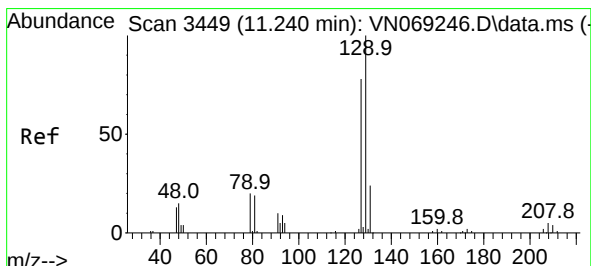
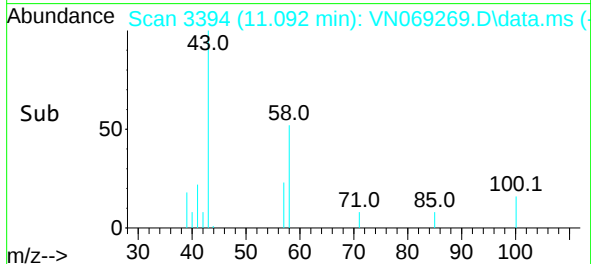
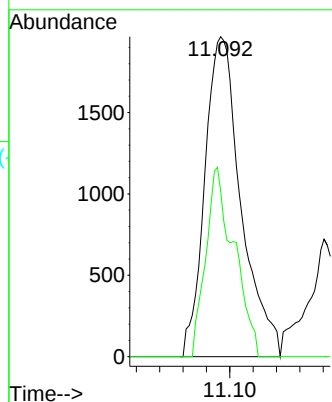
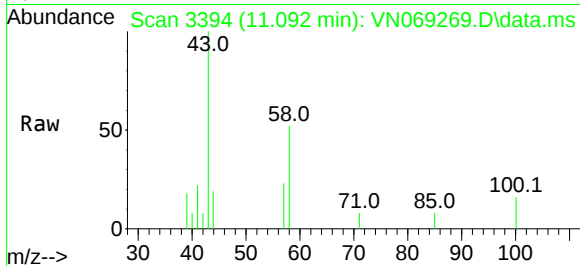




#59
2-Hexanone
Concen: 8.920 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

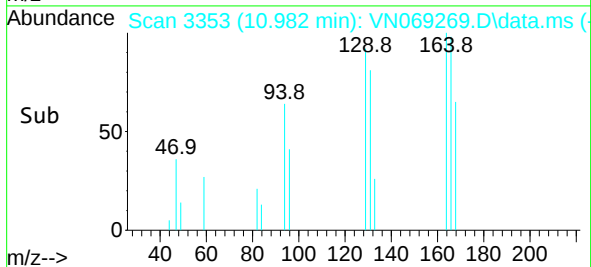
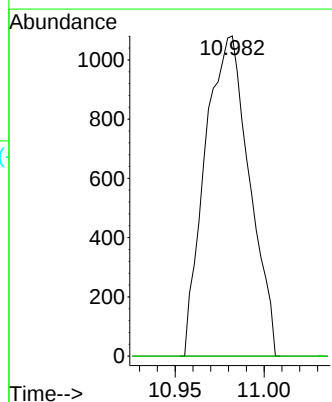
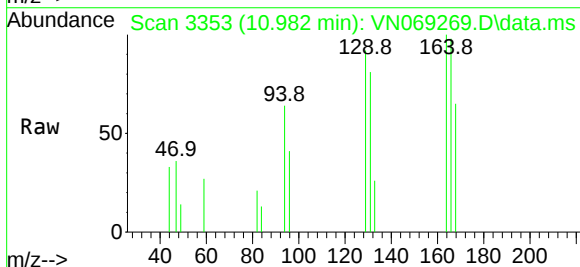
Instrument :
MSVOA_D
ClientSampled :

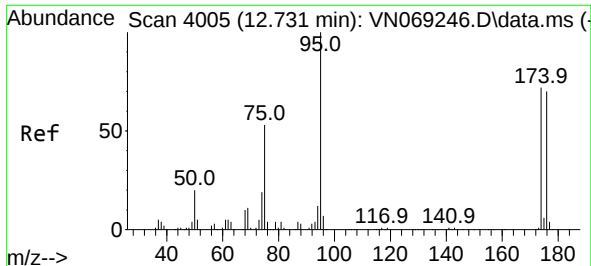
Tgt Ion: 43 Resp: 4226
Ion Ratio Lower Upper
43 100
58 46.1 26.9 80.7



#60
Dibromochloromethane
Concen: 2.418 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 129 Resp: 1870
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#

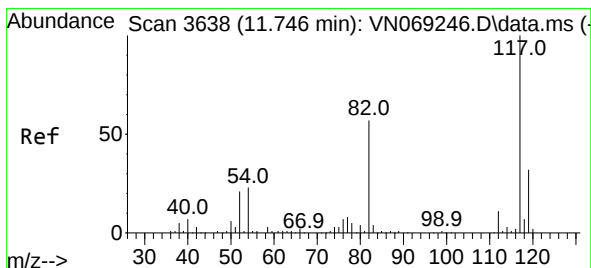
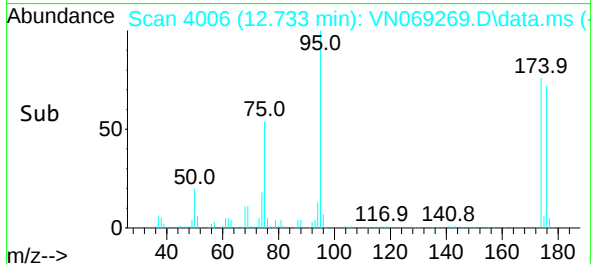
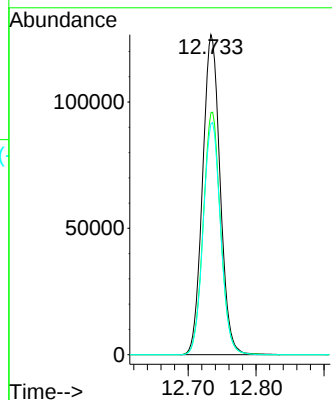
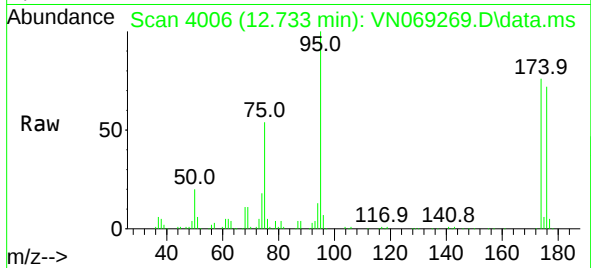




#62
4-Bromofluorobenzene
Concen: 46.329 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

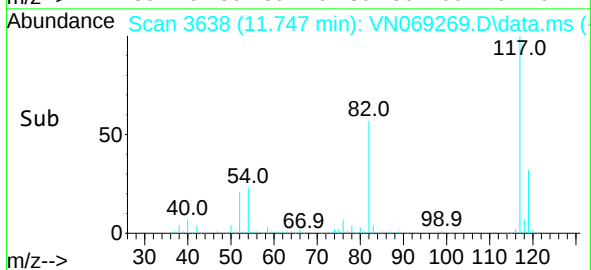
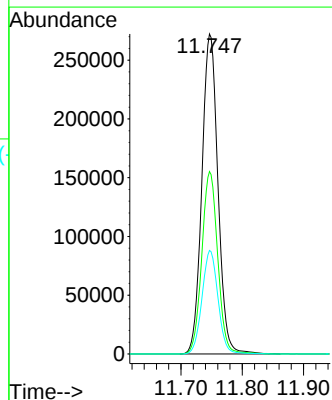
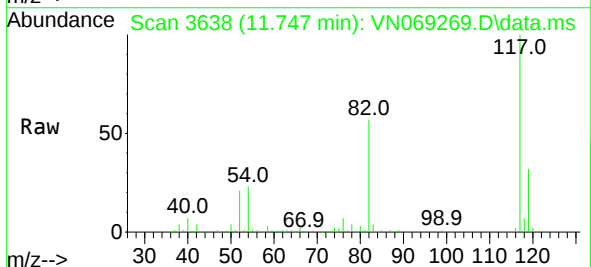
Instrument :
MSVOA_D
ClientSampleId :

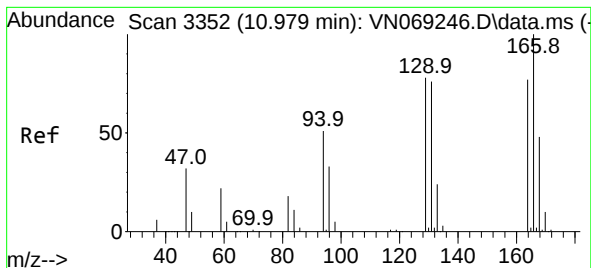
Tgt Ion: 95 Resp: 227269
Ion Ratio Lower Upper
95 100
174 74.8 0.0 144.8
176 72.3 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 117 Resp: 496416
Ion Ratio Lower Upper
117 100
82 57.0 46.4 69.6
119 32.3 26.0 39.0





#64

Tetrachloroethene

Concen: 0.643 ug/l

RT: 10.982 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

Tgt Ion:164 Resp: 2039

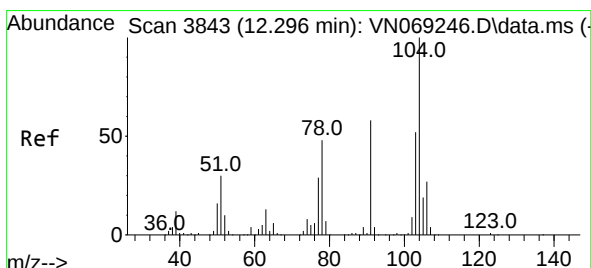
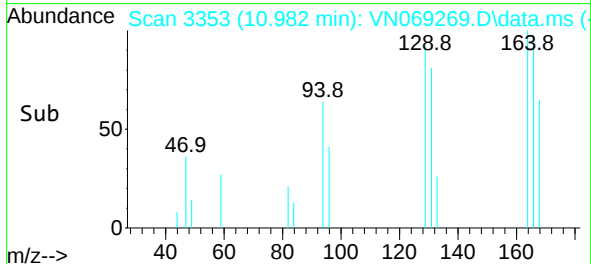
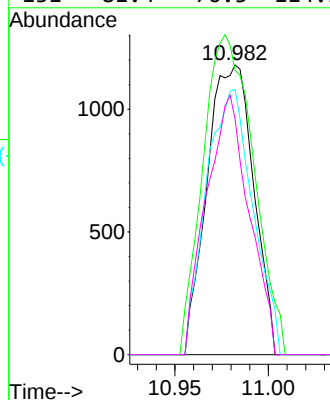
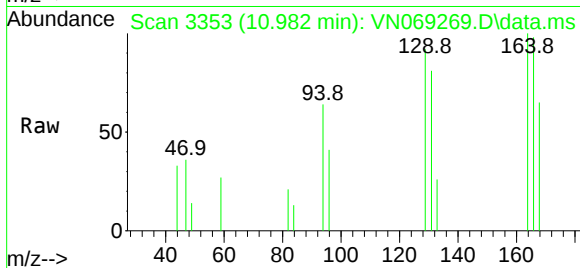
Ion Ratio Lower Upper

164 100

166 98.1 99.8 149.8#

129 91.5 79.2 118.8

131 81.4 76.3 114.5



#70

Styrene

Concen: 1.537 ug/l

RT: 12.296 min Scan# 3843

Delta R.T. 0.000 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

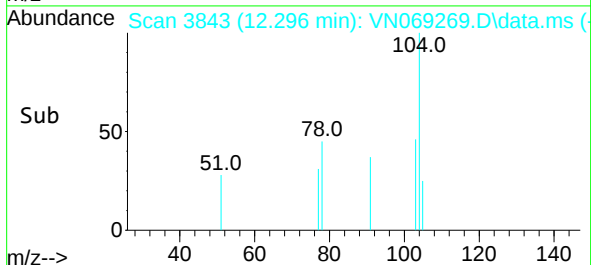
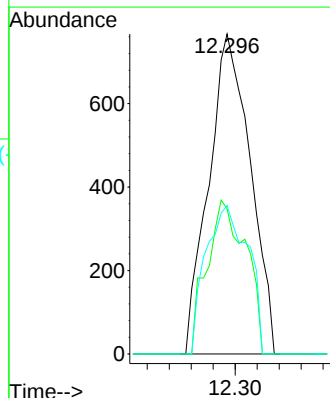
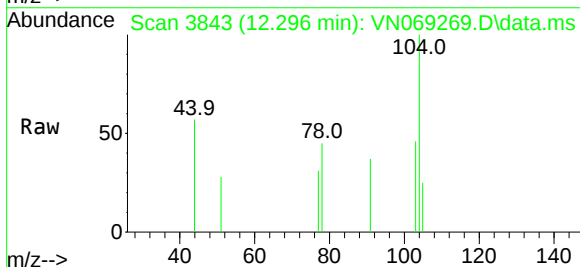
Tgt Ion:104 Resp: 1005

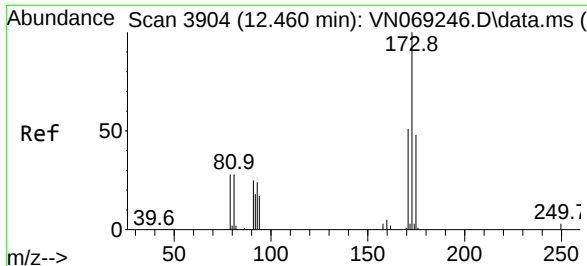
Ion Ratio Lower Upper

104 100

78 45.2 42.2 63.4

103 47.1 44.4 66.6

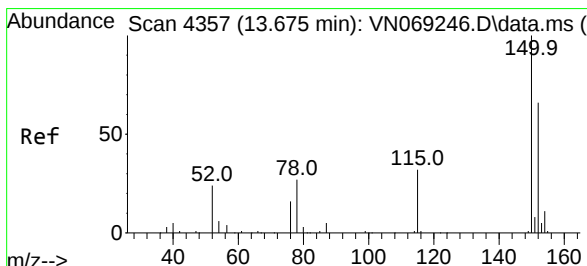
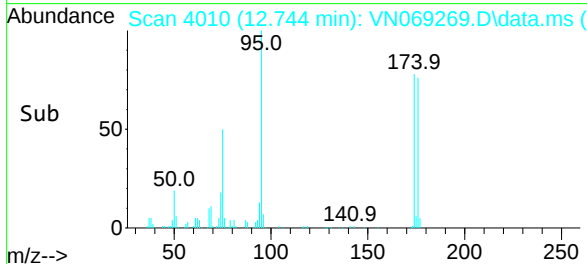
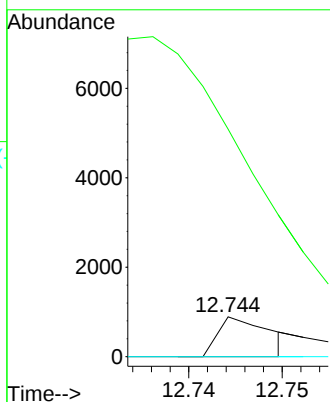
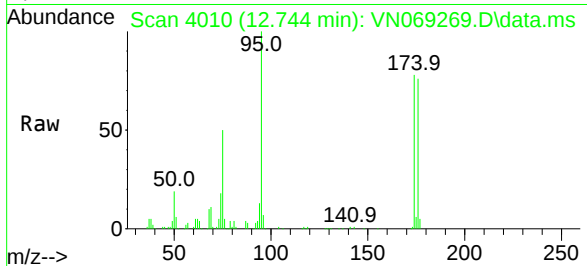




#71
Bromoform
Concen: 2.979 ug/l
RT: 12.744 min Scan# 4010
Delta R.T. 0.284 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

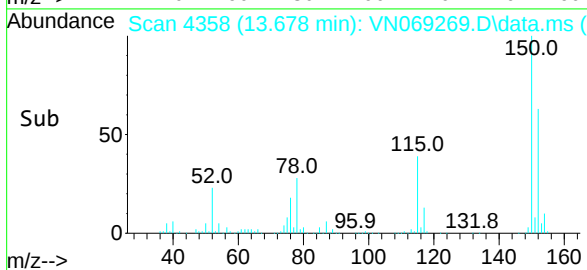
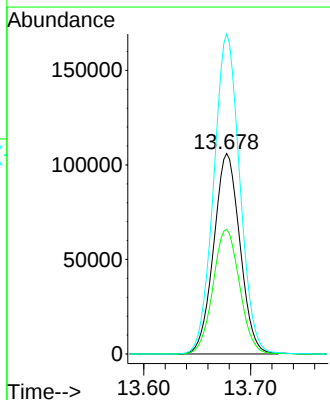
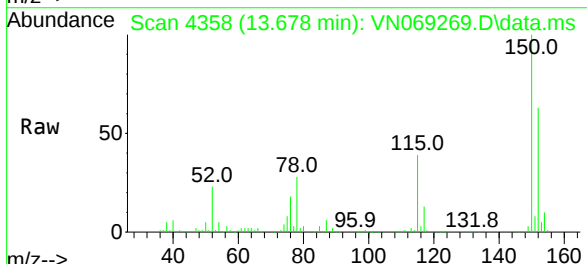
Instrument :
MSVOA_D
ClientSampleId :

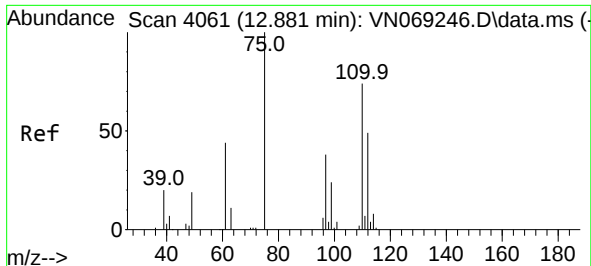
Tgt Ion:173 Resp: 345
Ion Ratio Lower Upper
173 100
175 3277.1 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion:152 Resp: 180882
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 159.0 0.0 351.0

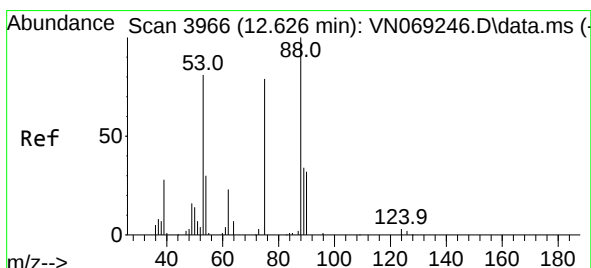
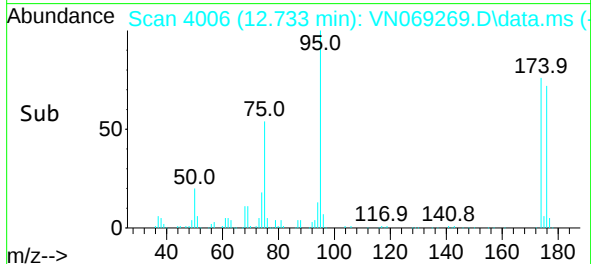
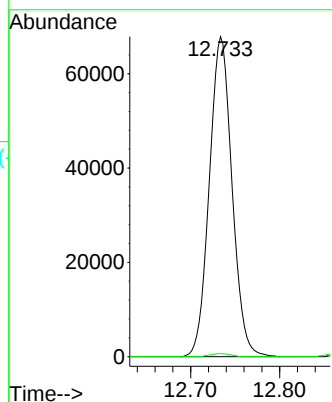
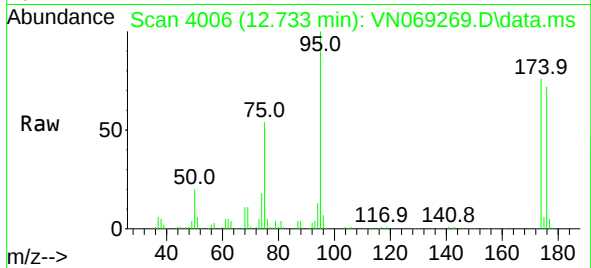




#76
1,2,3-Trichloropropane
Concen: 25.249 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

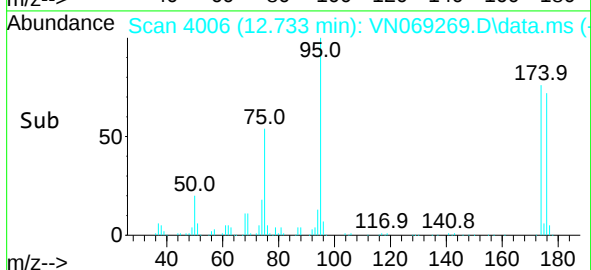
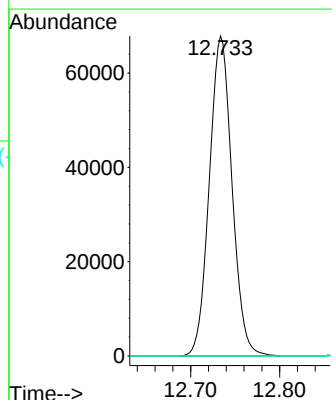
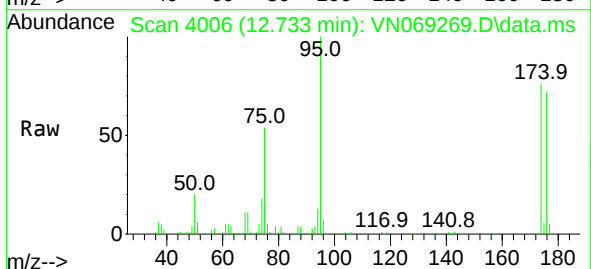
Instrument :
MSVOA_D
ClientSampled :

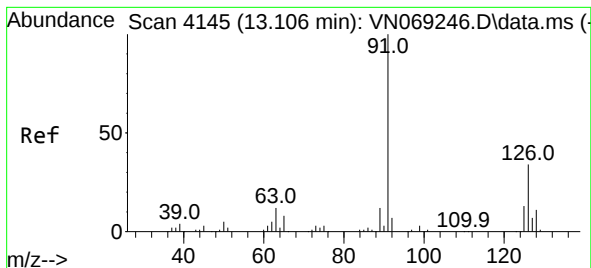
Tgt Ion: 75 Resp: 120120
Ion Ratio Lower Upper
75 100
77 0.9 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.276 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 75 Resp: 120120
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#

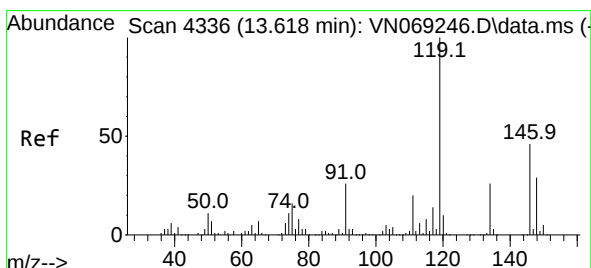
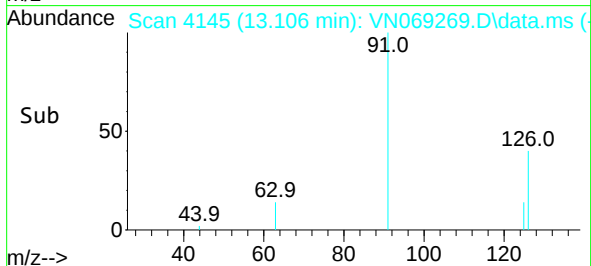
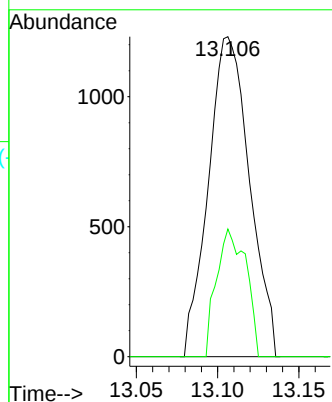
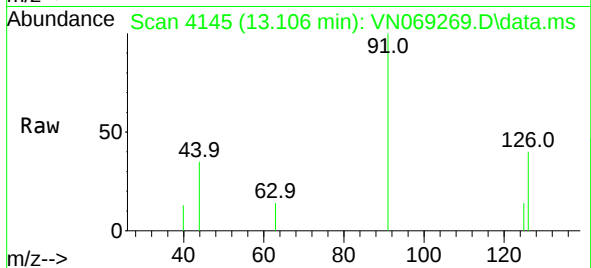




#82
4-Chlorotoluene
Concen: 0.203 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

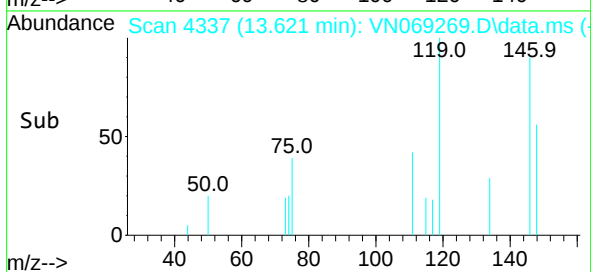
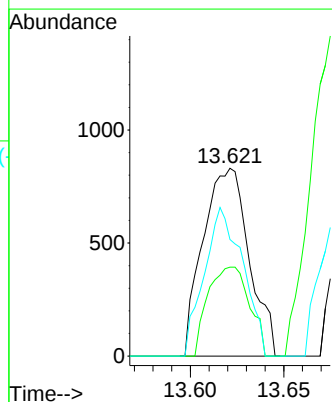
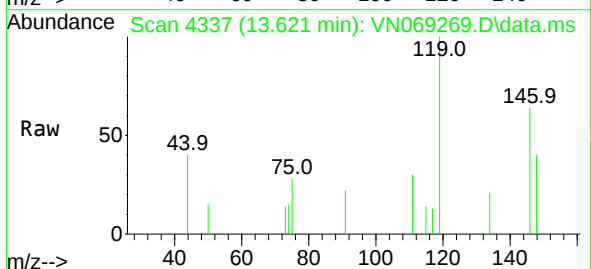
Instrument :
MSVOA_D
ClientSampled :

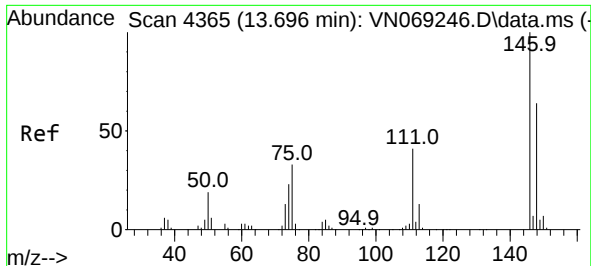
Tgt Ion: 91 Resp: 2172
Ion Ratio Lower Upper
91 100
126 28.5 16.3 48.8



#87
1,3-Dichlorobenzene
Concen: 0.228 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 146 Resp: 1425
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 66.4 32.0 96.2

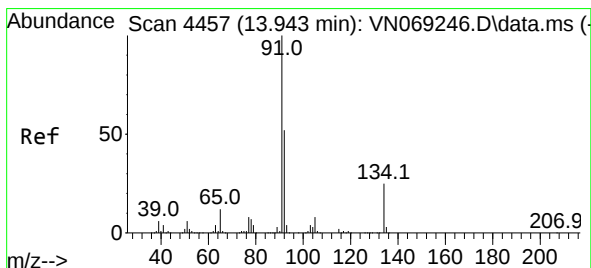
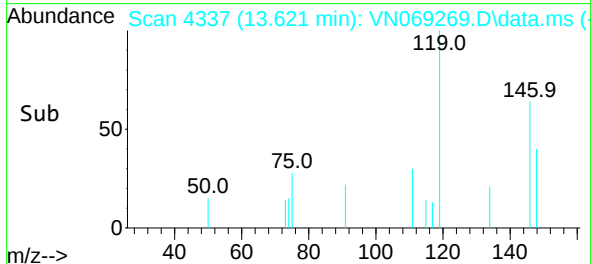
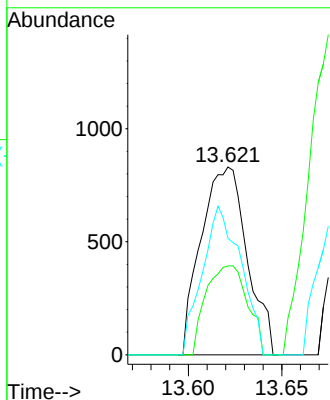
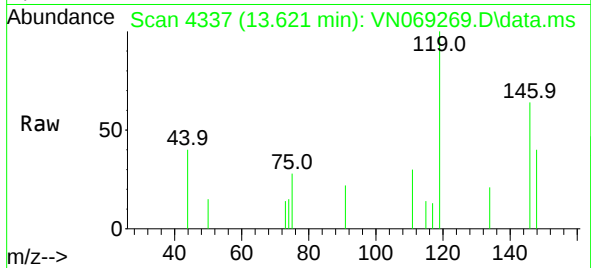




#88
1,4-Dichlorobenzene
Concen: 0.309 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. -0.075 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

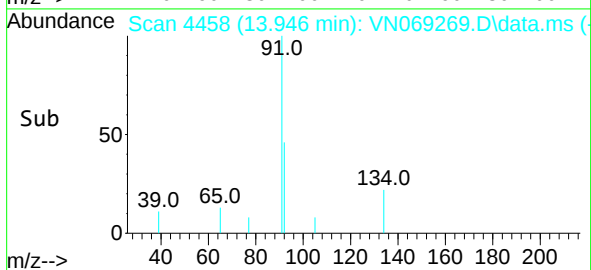
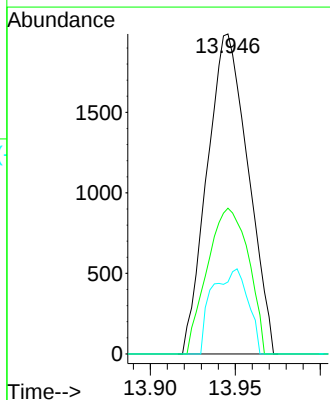
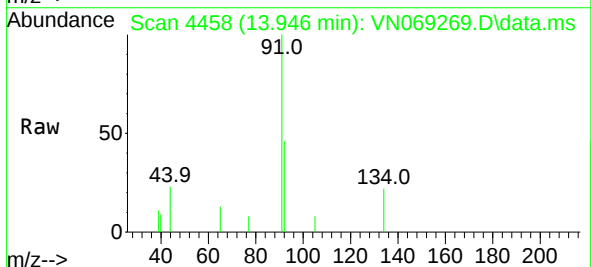
Instrument :
MSVOA_D
ClientSampleId :

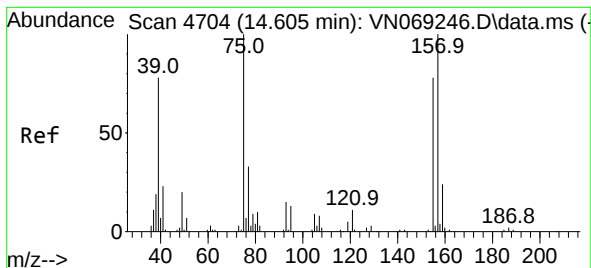
Tgt Ion:146 Resp: 1425
Ion Ratio Lower Upper
146 100
111 42.6 20.6 61.8
148 66.4 32.1 96.5



#89
n-Butylbenzene
Concen: 0.323 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion: 91 Resp: 3327
Ion Ratio Lower Upper
91 100
92 45.9 26.0 78.0
134 23.1 12.5 37.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.754 ug/l

RT: 14.611 min Scan# 4706

Delta R.T. 0.006 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

Tgt Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

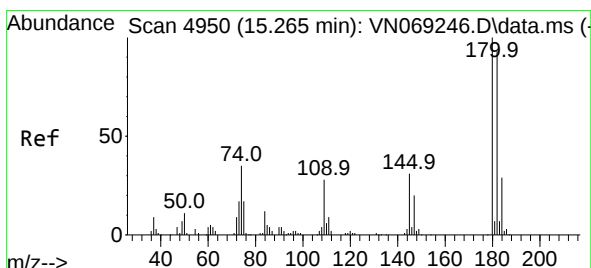
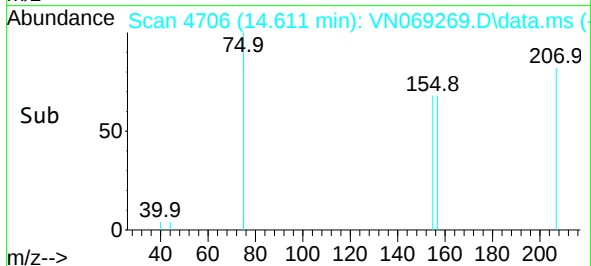
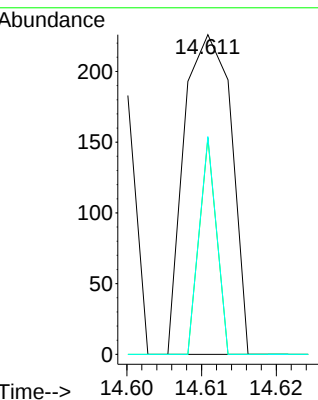
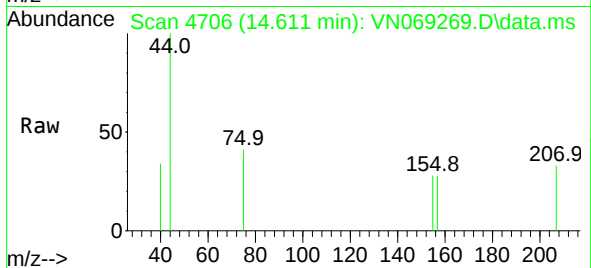
155 25.3 38.8 116.4#

157 25.3 50.2 150.6#

Instrument :

MSVOA_D

ClientSampled :



#93

1,2,4-Trichlorobenzene

Concen: 3.325 ug/l

RT: 15.268 min Scan# 4951

Delta R.T. 0.003 min

Lab File: VN069269.D

Acq: 29 Oct 2021 00:27

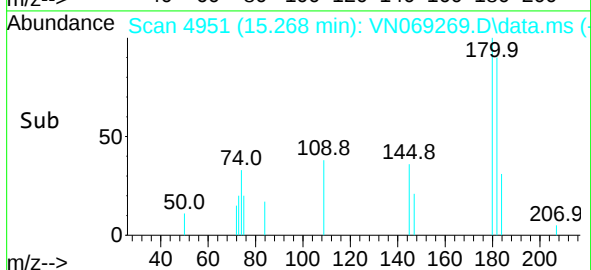
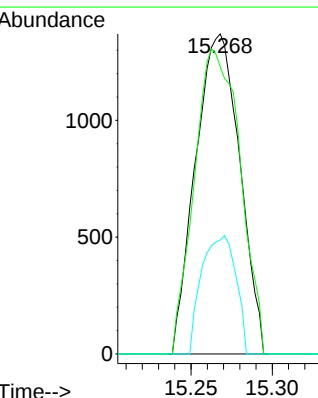
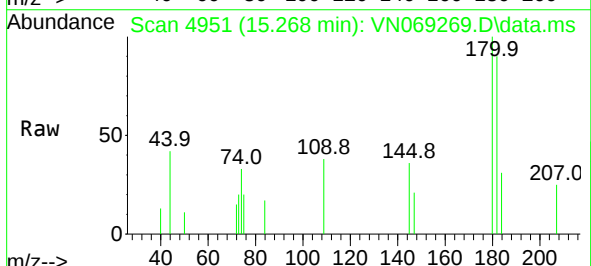
Tgt Ion:180 Resp: 2591

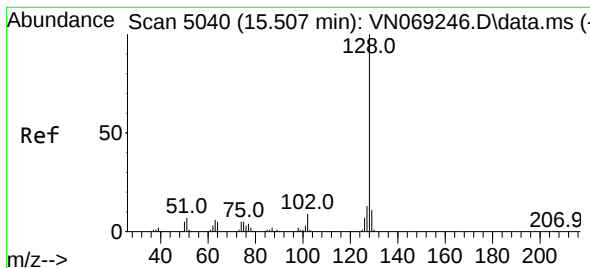
Ion Ratio Lower Upper

180 100

182 98.7 47.9 143.7

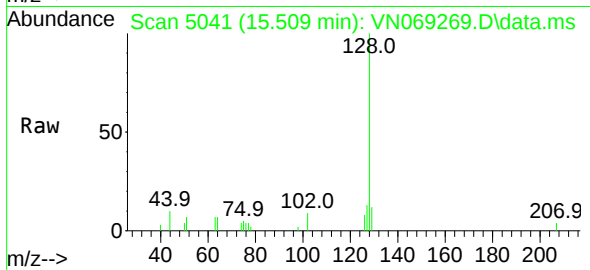
145 28.5 16.4 49.2



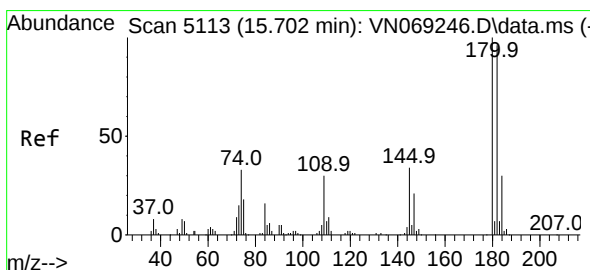
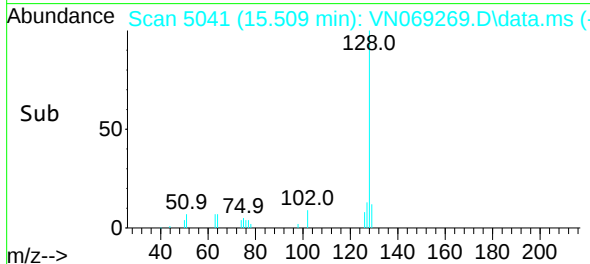
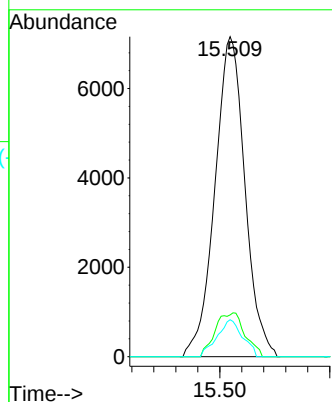


#95
Naphthalene
Concen: 4.709 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 13565
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 9.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.267 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069269.D
Acq: 29 Oct 2021 00:27

Tgt Ion:180 Resp: 3182
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.3
145 33.3 17.4 52.2

