

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069211.D
 Acq On : 27 Oct 2021 12:00
 Operator : JC/MD
 Sample : VN1027MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 28 05:20:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

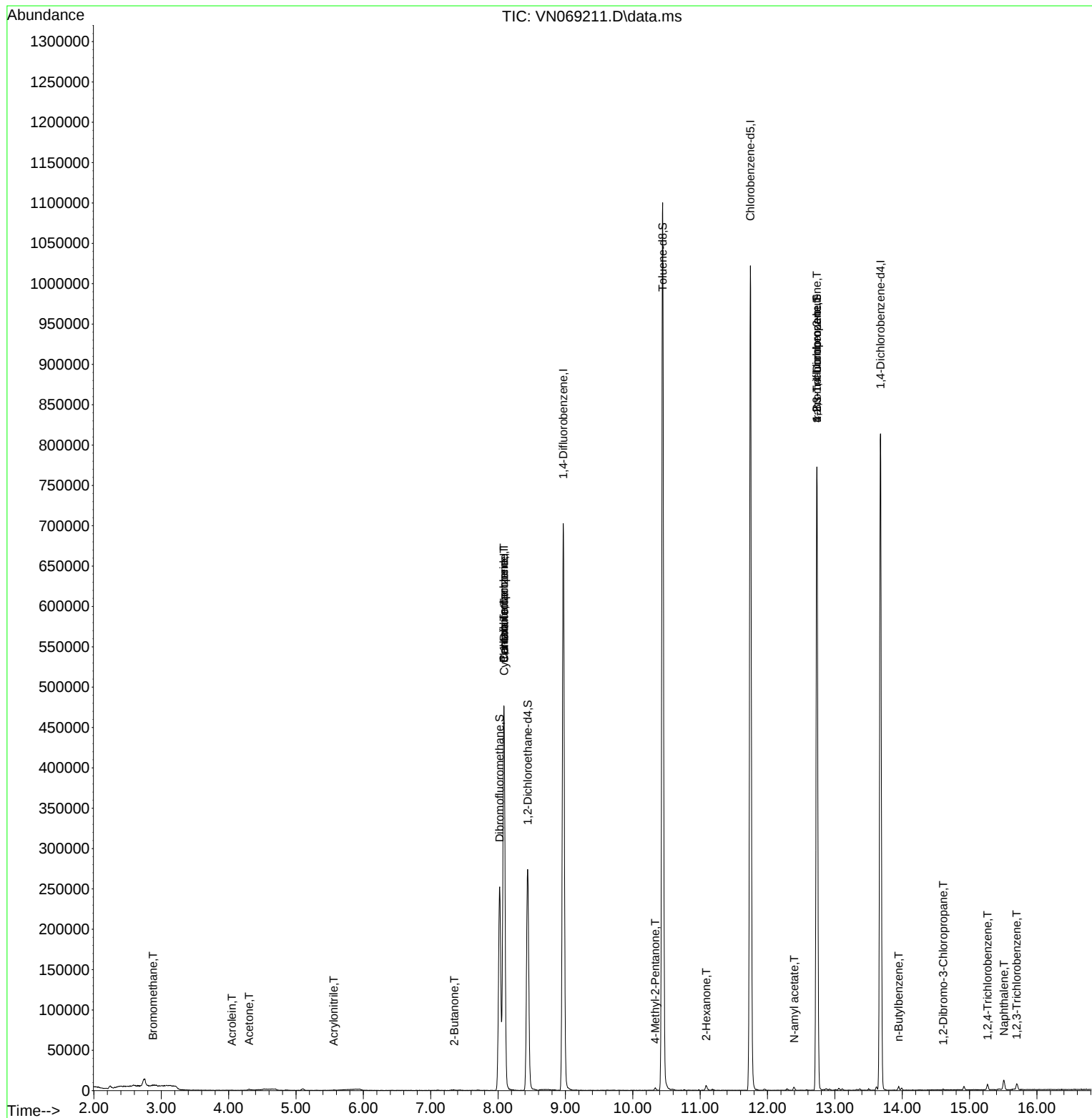
Internal Standards						
1) Pentafluorobenzene	8.088	168	357319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	630632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	602421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	216907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239040	50.739	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.480%		
35) Dibromofluoromethane	8.024	113	183156	49.919	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 99.840%		
50) Toluene-d8	10.443	98	778662	53.040	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 106.080%		
62) 4-Bromofluorobenzene	12.734	95	281667	50.853	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 101.700%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.877	94	1088	0.446	ug/l #	76
13) Acrolein	4.047	56	113	0.297	ug/l #	69
15) Acrylonitrile	5.559	53	420	0.218	ug/l #	18
16) Acetone	4.304	43	2262	1.287	ug/l #	84
25) 2-Butanone	7.351	43	787	0.296	ug/l #	48
31) Cyclohexane	8.091	56	8395	1.146	ug/l #	19
36) 1,1-Dichloropropene	8.086	75	29823	5.537	ug/l #	50
38) Carbon Tetrachloride	8.088	117	38327	6.479	ug/l #	16
51) 4-Methyl-2-Pentanone	10.336	43	2464	0.433	ug/l #	85
59) 2-Hexanone	11.089	43	5146	1.261	ug/l	98
74) N-amyl acetate	12.396	43	2471	0.361	ug/l #	92
76) 1,2,3-Trichloropropane	12.734	75	149379	32.367	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	149379	77.436	ug/l #	12
89) n-Butylbenzene	13.948	91	3134	0.259	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.608	75	263	0.261	ug/l	80
93) 1,2,4-Trichlorobenzene	15.268	180	2601	3.278	ug/l	98
95) Naphthalene	15.509	128	12028	4.915	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	3295	3.416	ug/l	98

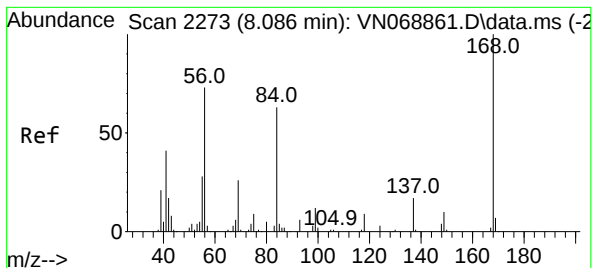
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069211.D

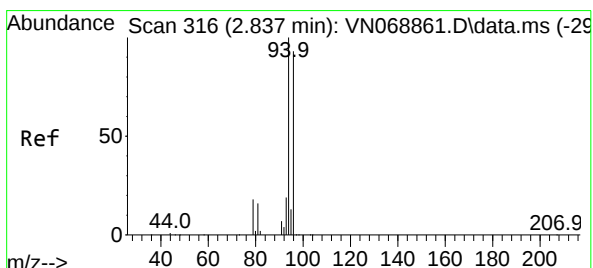
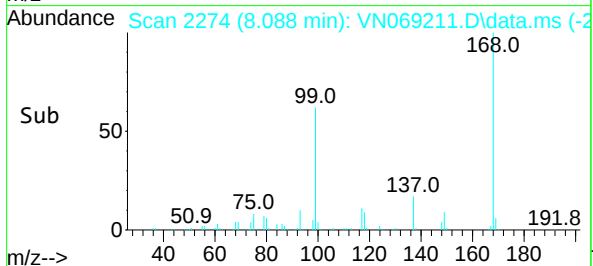
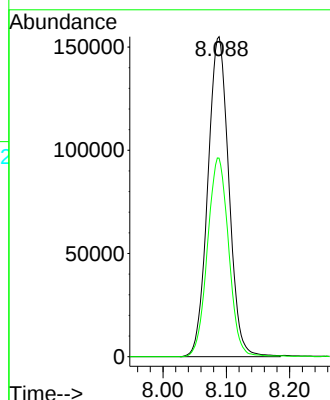
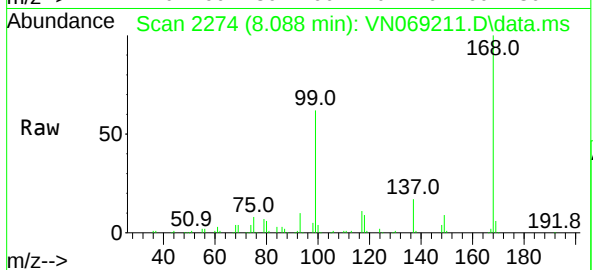
Acq: 27 Oct 2021 12:00

Tgt Ion:168 Resp: 357319

Ion Ratio Lower Upper

168 100

99 62.1 48.9 73.3



#5

Bromomethane

Concen: 0.446 ug/l

RT: 2.877 min Scan# 331

Delta R.T. 0.040 min

Lab File: VN069211.D

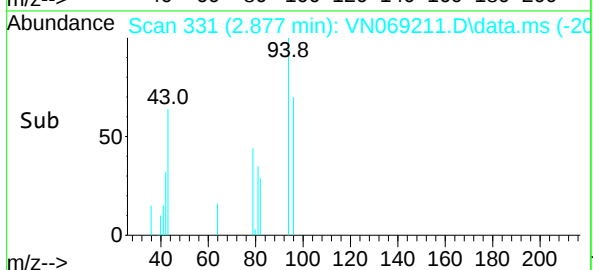
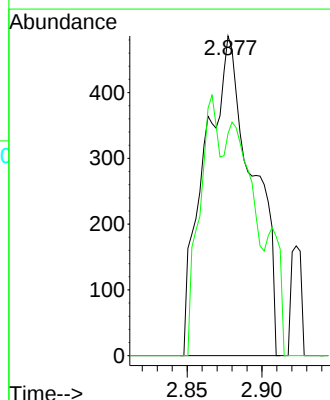
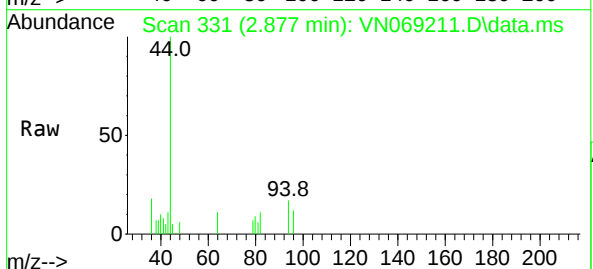
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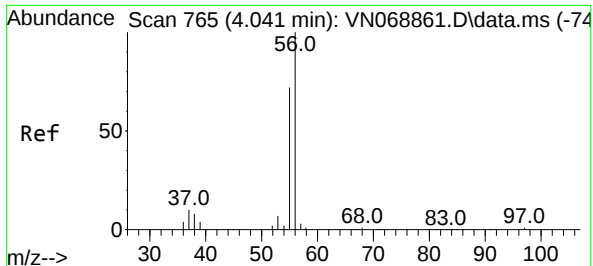
Tgt Ion: 94 Resp: 1088

Ion Ratio Lower Upper

94 100

96 69.5 74.2 111.4#

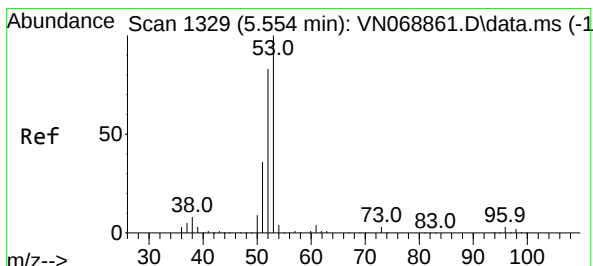
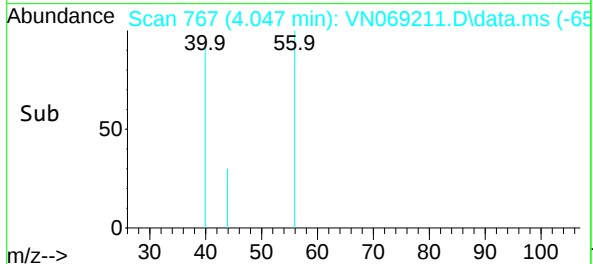
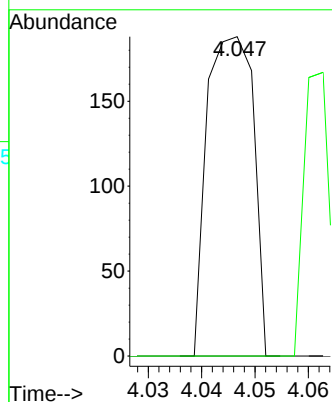
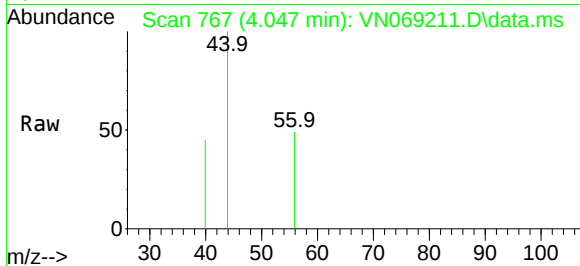




#13
Acrolein
Concen: 0.297 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.005 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

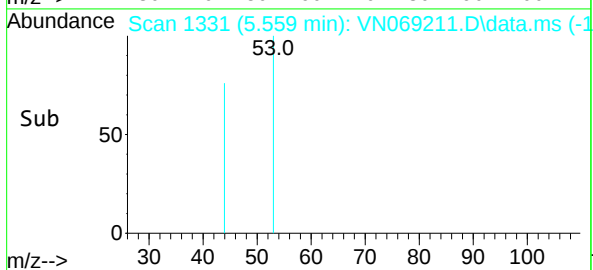
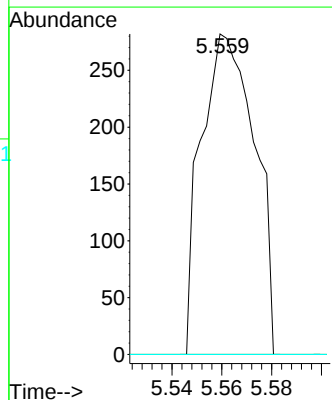
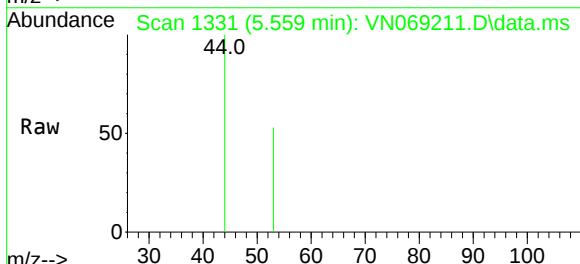
Instrument :
MSVOA_N
ClientSampled :

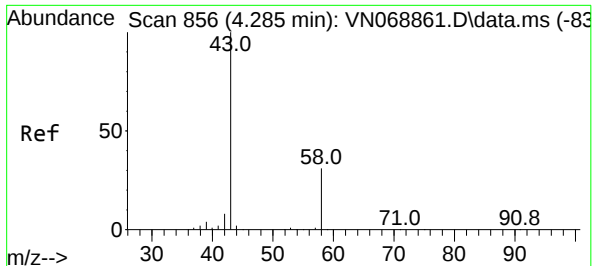
Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 46.9 58.1 87.1#



#15
Acrylonitrile
Concen: 0.218 ug/l
RT: 5.559 min Scan# 1331
Delta R.T. 0.005 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 53 Resp: 420
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.9 43.3#

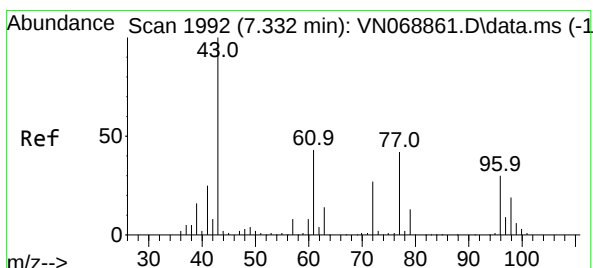
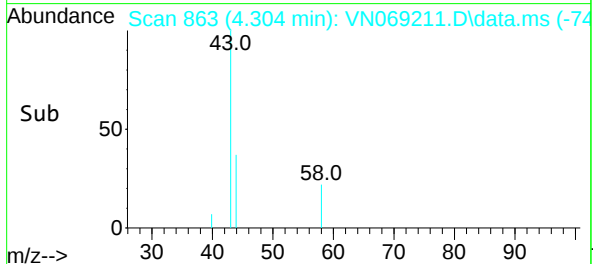
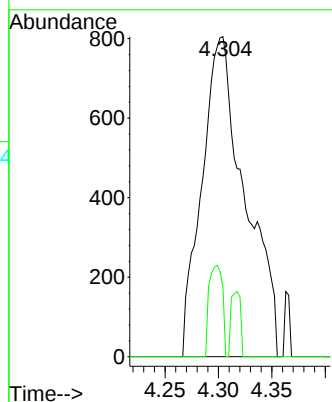
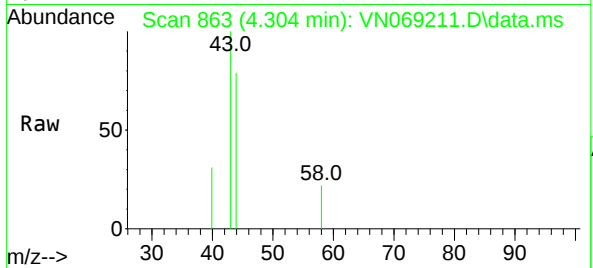




#16
Acetone
Concen: 1.287 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

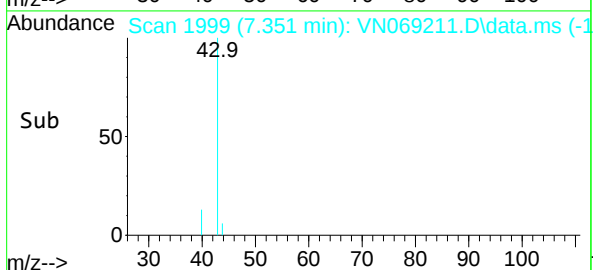
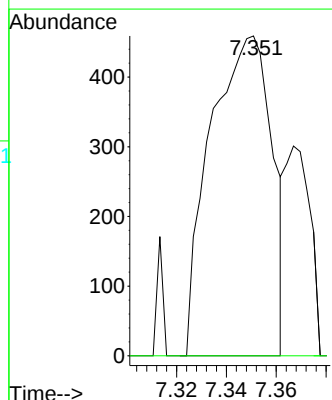
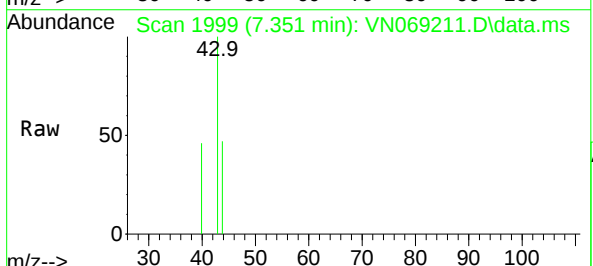
Instrument :
MSVOA_N
ClientSampled :

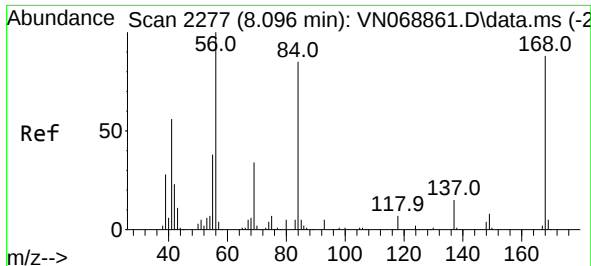
Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 21.6 24.5 36.7#



#25
2-Butanone
Concen: 0.296 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.019 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
72 0.0 21.2 31.8#

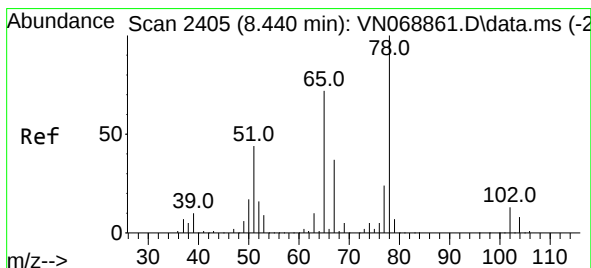
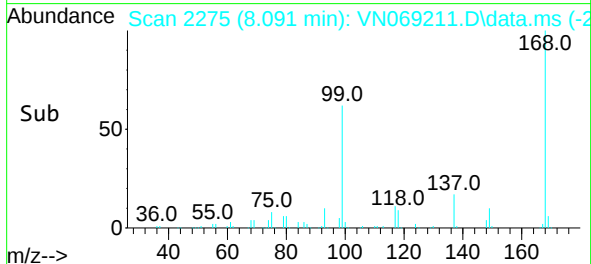
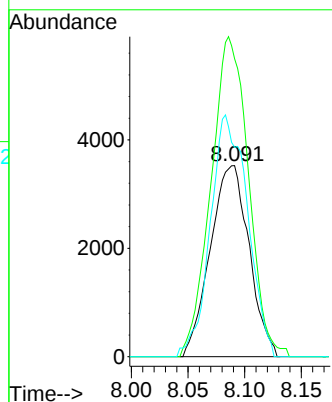
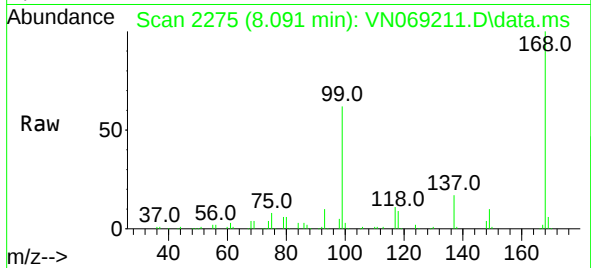




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.005 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

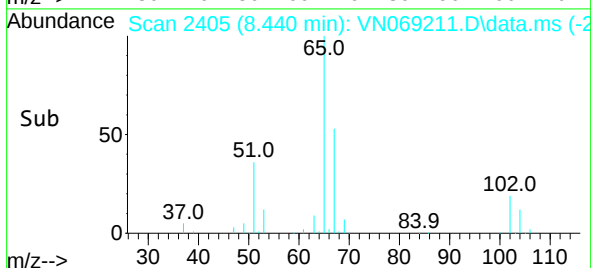
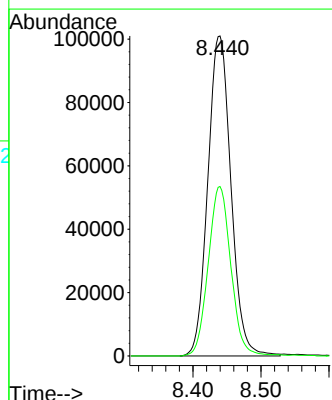
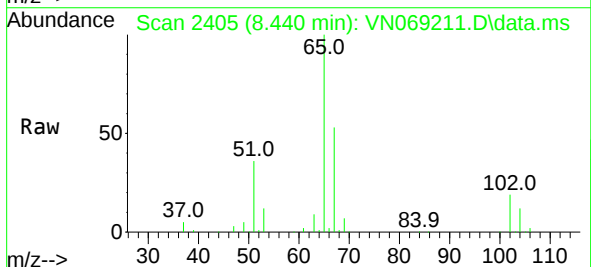
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 8395
Ion Ratio Lower Upper
56 100
69 155.9 26.9 40.3#
84 109.5 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.739 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 65 Resp: 239040
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

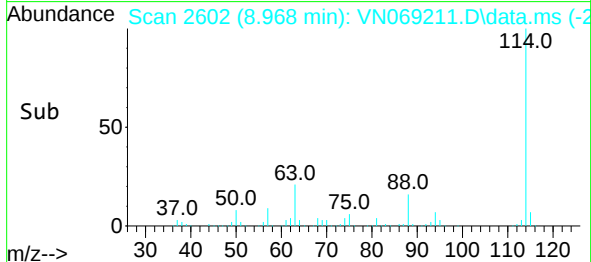
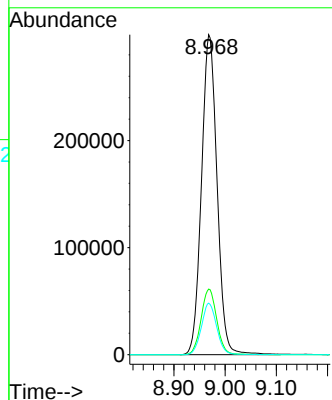
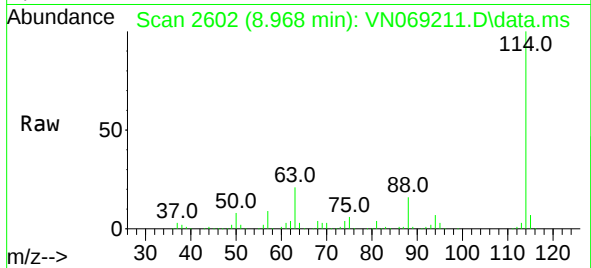




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

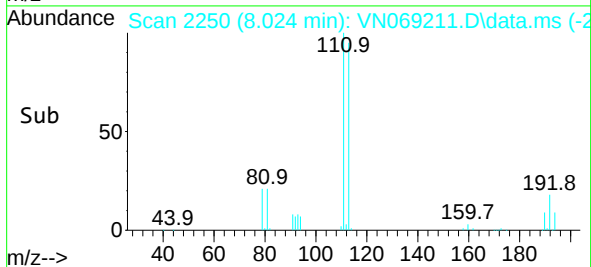
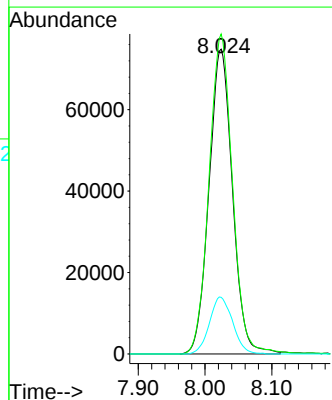
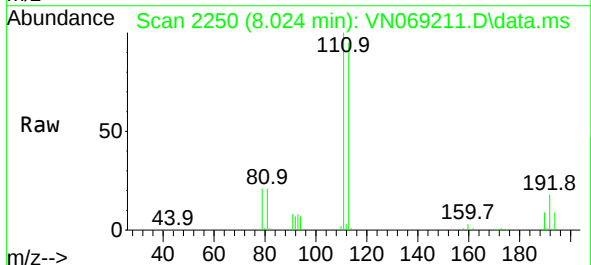
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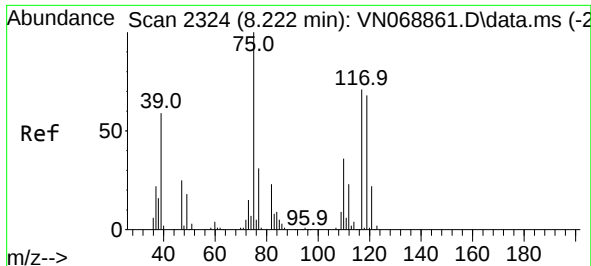
Tgt Ion:114 Resp: 630632
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.919 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion:113 Resp: 183156
Ion Ratio Lower Upper
113 100
111 104.7 83.2 124.8
192 18.5 15.0 22.4

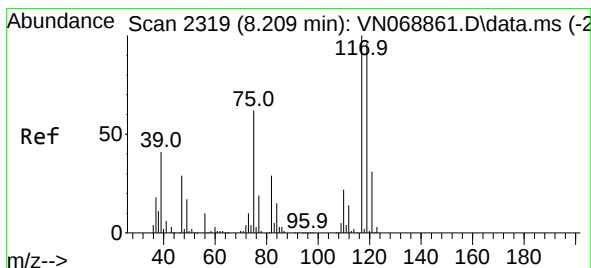
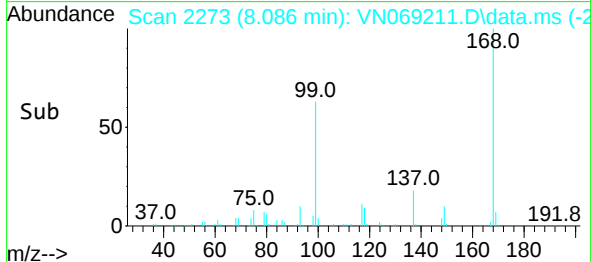
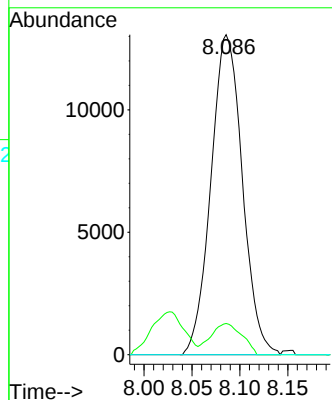
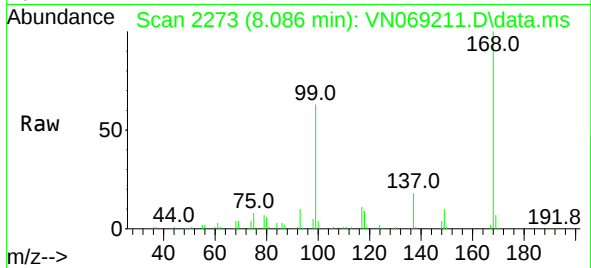




#36
 1,1-Dichloropropene
 Concen: 5.537 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.137 min
 Lab File: VN069211.D
 Acq: 27 Oct 2021 12:00

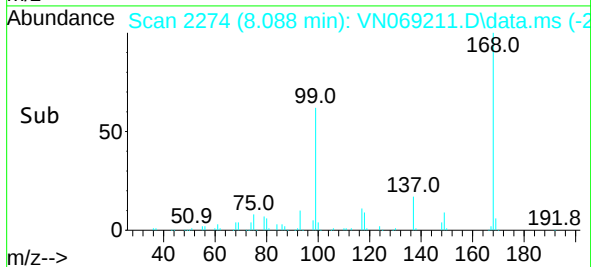
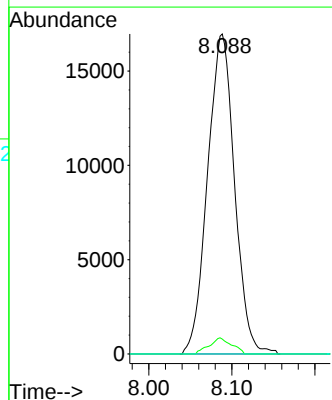
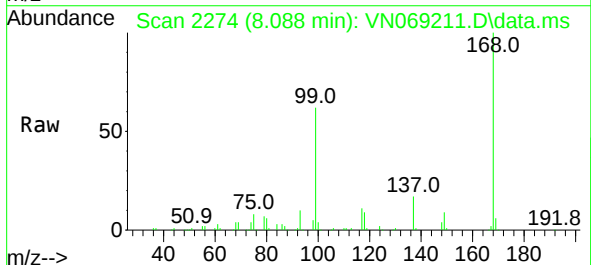
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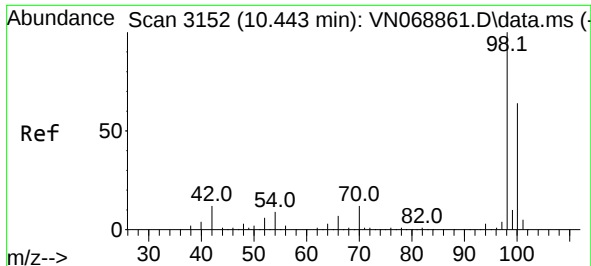
Tgt Ion: 75 Resp: 29823
 Ion Ratio Lower Upper
 75 100
 110 9.7 17.9 53.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.479 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.121 min
 Lab File: VN069211.D
 Acq: 27 Oct 2021 12:00

Tgt Ion: 117 Resp: 38327
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.9 115.3#
 121 0.0 24.6 37.0#

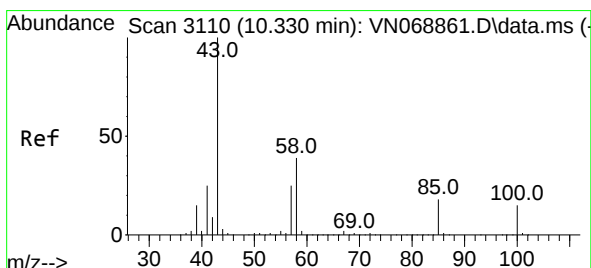
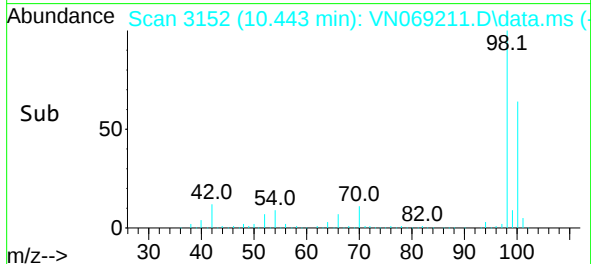
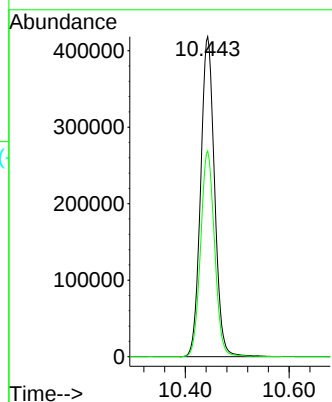
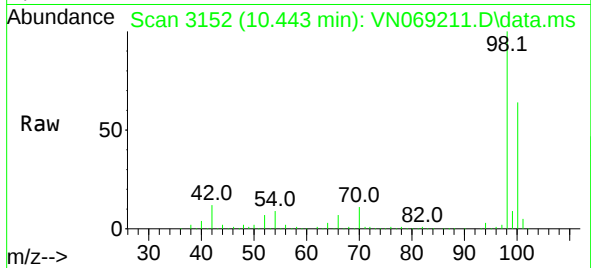




#50
Toluene-d8
Concen: 53.040 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

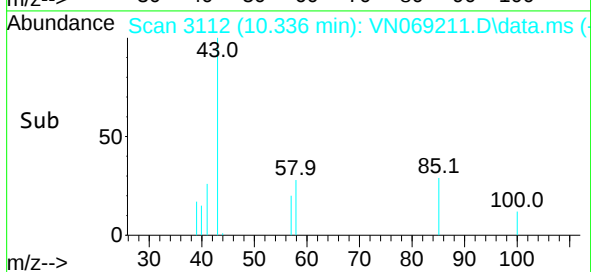
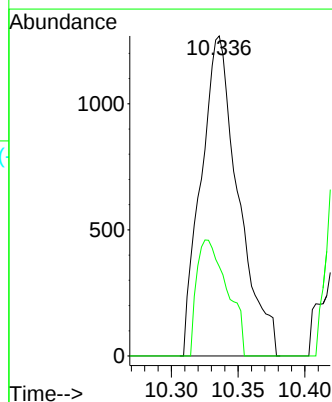
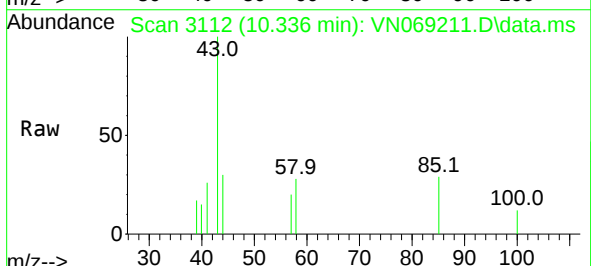
Instrument :
MSVOA_N
ClientSampled :

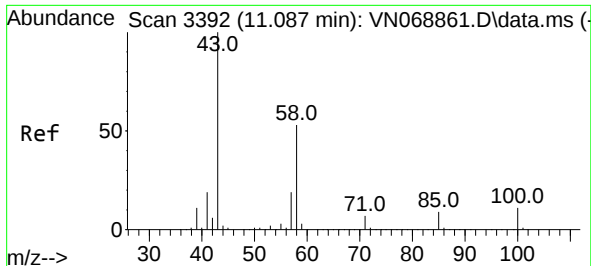
Tgt Ion: 98 Resp: 778662
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.433 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.005 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 43 Resp: 2464
Ion Ratio Lower Upper
43 100
58 29.6 31.0 46.4#

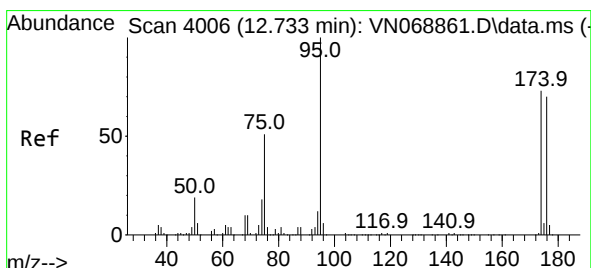
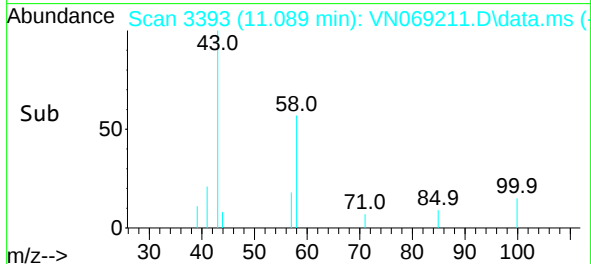
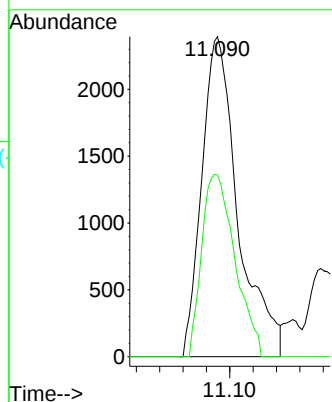
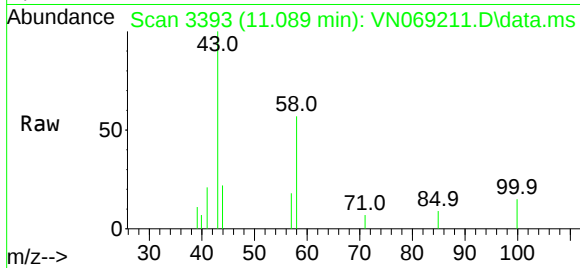




#59
2-Hexanone
Concen: 1.261 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

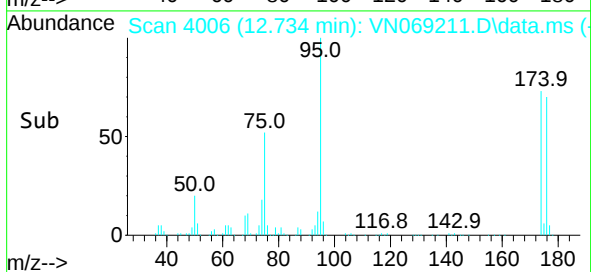
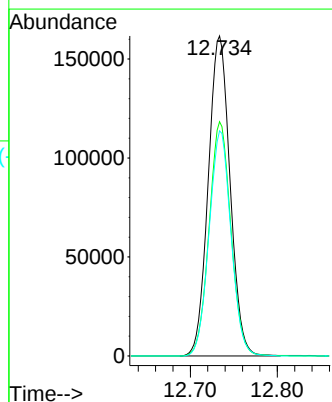
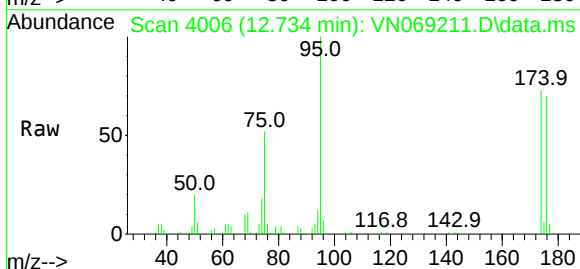
Instrument :
MSVOA_N
ClientSampleId :

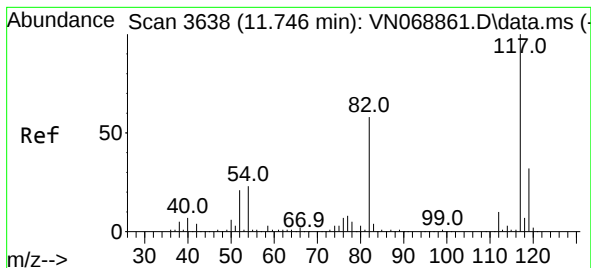
Tgt Ion: 43 Resp: 5146
Ion Ratio Lower Upper
43 100
58 52.2 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 50.853 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 95 Resp: 281667
Ion Ratio Lower Upper
95 100
174 73.3 0.0 144.8
176 70.5 0.0 140.0

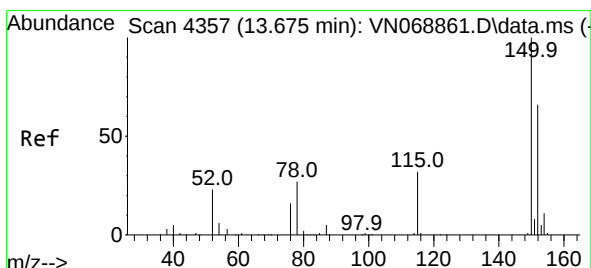
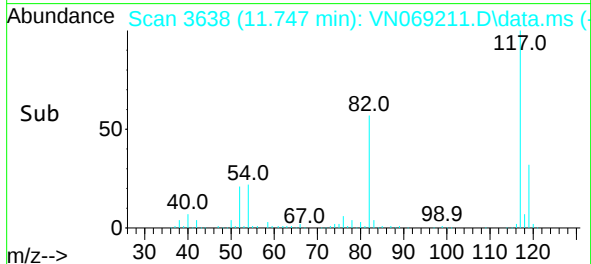
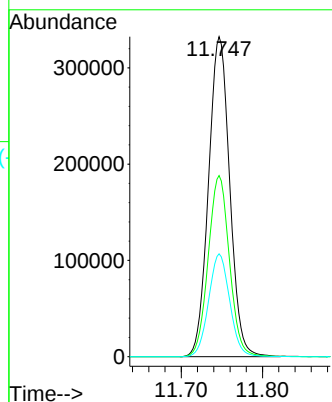
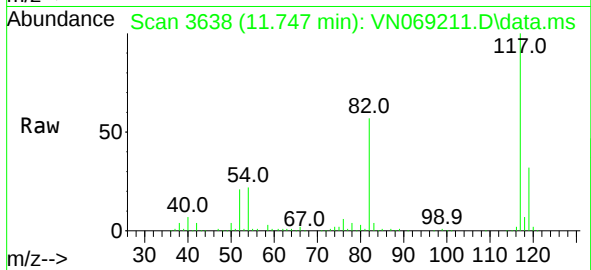




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

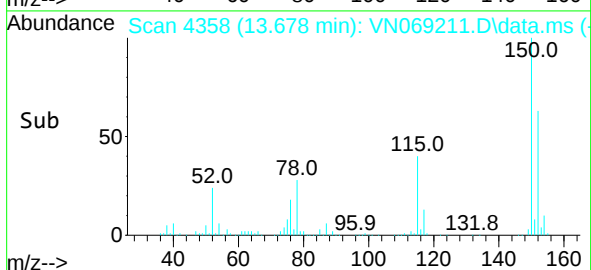
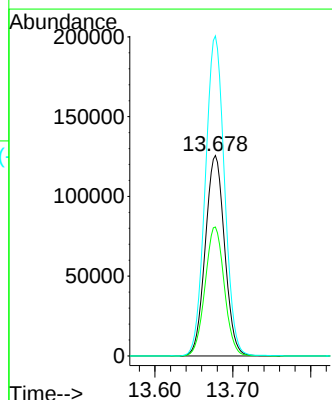
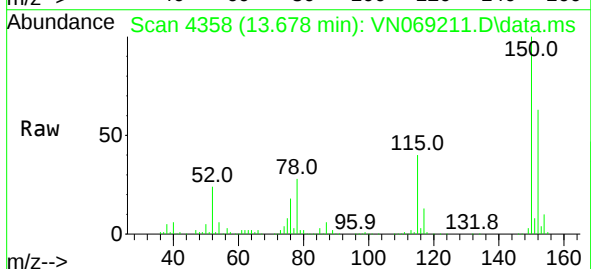
Instrument :
MSVOA_N
ClientSampleId :

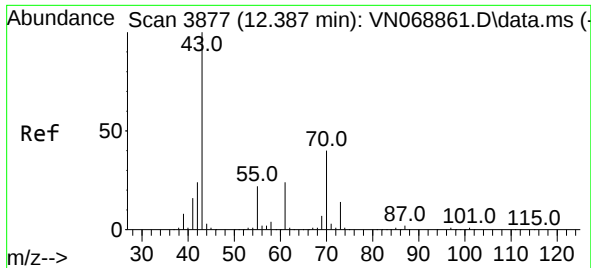
Tgt Ion:117 Resp: 602421
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion:152 Resp: 216907
Ion Ratio Lower Upper
152 100
115 64.0 31.4 94.3
150 158.6 0.0 351.0



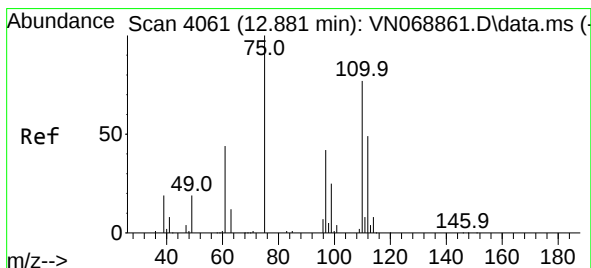
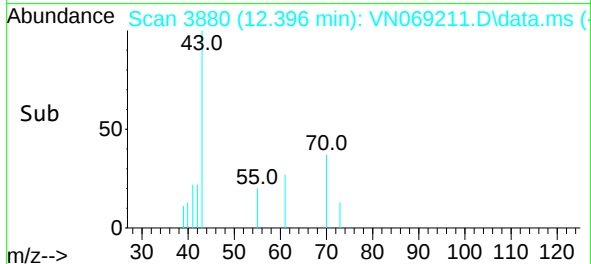
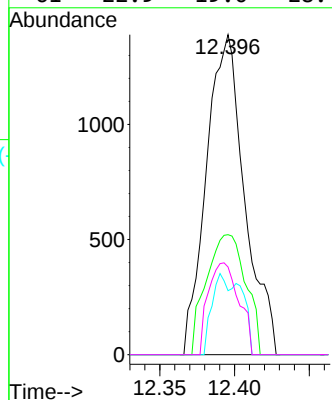
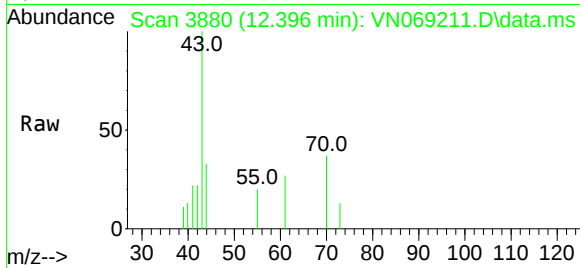


#74
N-amy1 acetate
Concen: 0.361 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.008 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 2471

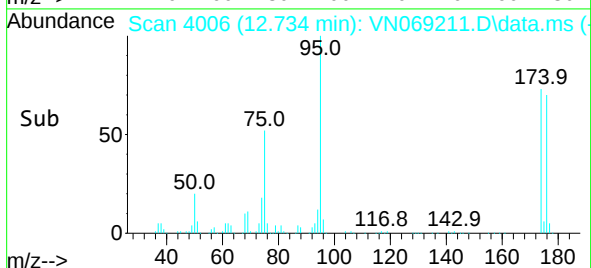
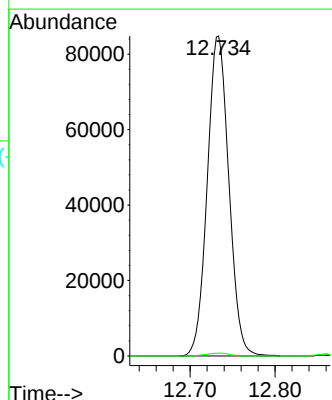
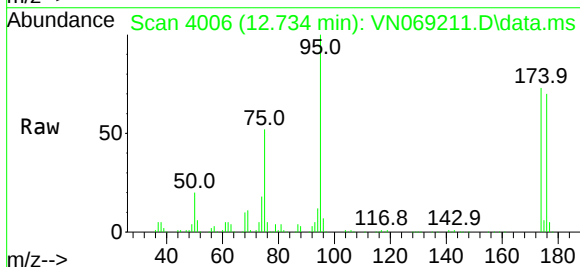
Ion	Ratio	Lower	Upper
43	100		
70	38.7	32.2	48.2
55	10.6	18.0	27.0#
61	22.9	19.0	28.4

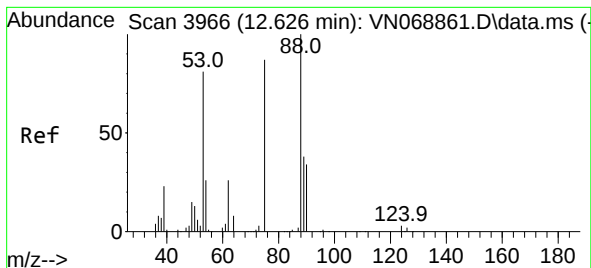


#76
1,2,3-Trichloropropane
Concen: 32.367 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 75 Resp: 149379

Ion	Ratio	Lower	Upper
75	100		
77	0.9	96.2	288.4#

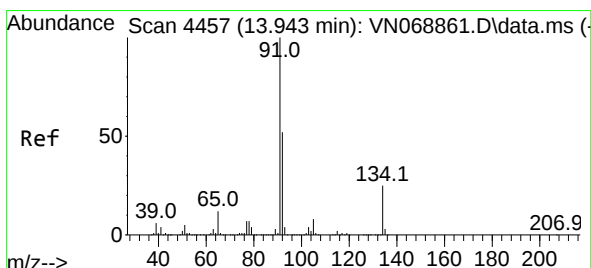
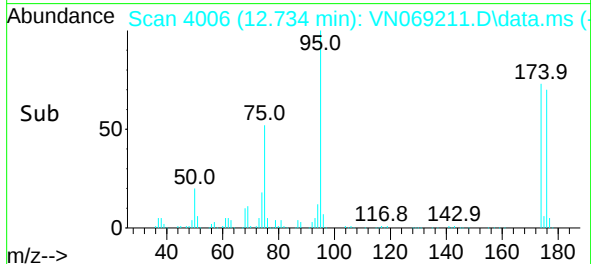
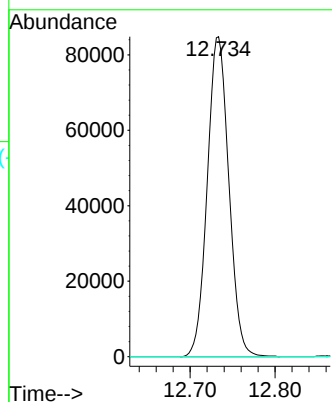
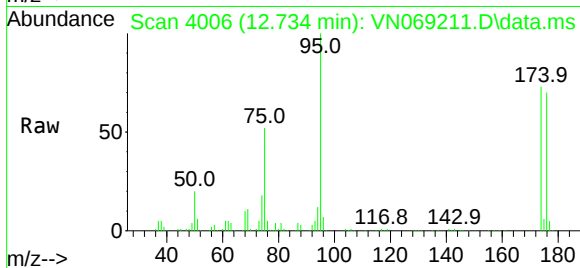




#81
trans-1,4-Dichloro-2-butene
Concen: 77.436 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

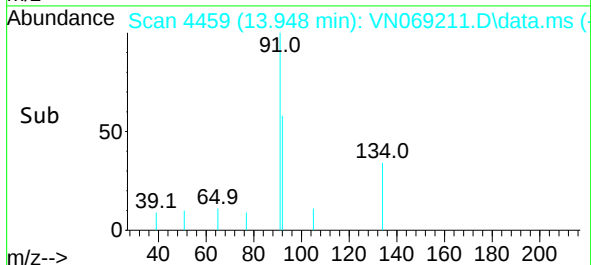
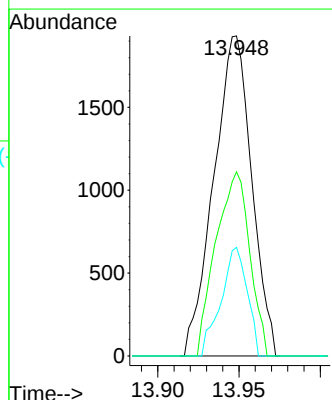
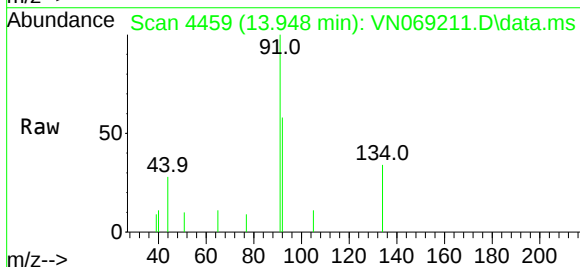
Instrument :
MSVOA_N
ClientSampleId :

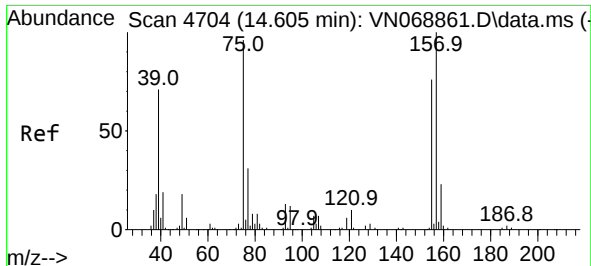
Tgt Ion: 75 Resp: 149379
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.259 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.005 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion: 91 Resp: 3134
Ion Ratio Lower Upper
91 100
92 51.2 26.0 78.0
134 23.4 12.5 37.5

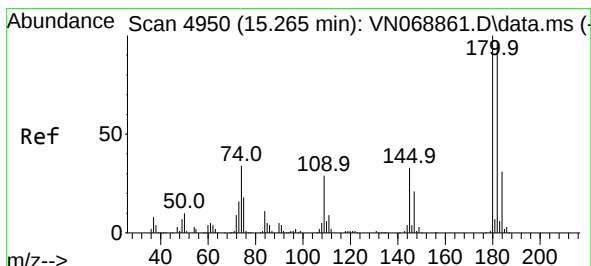
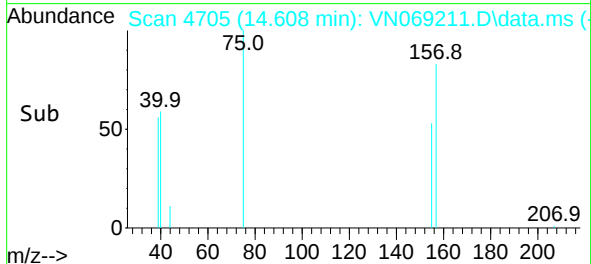
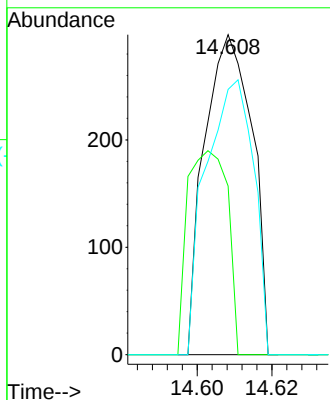
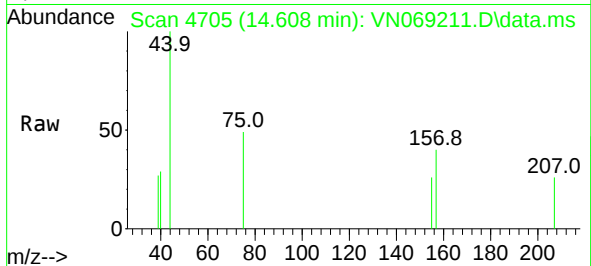




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.261 ug/l
 RT: 14.608 min Scan# 4705
 Delta R.T. 0.003 min
 Lab File: VN069211.D
 Acq: 27 Oct 2021 12:00

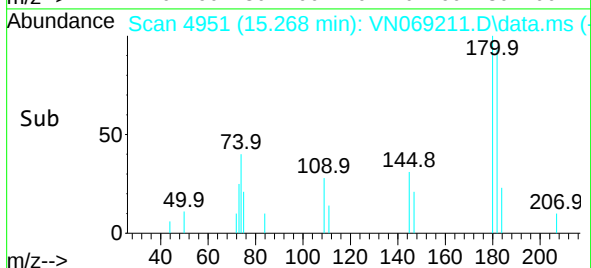
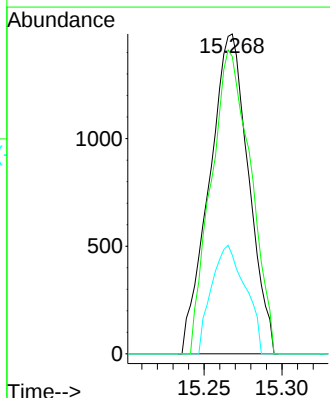
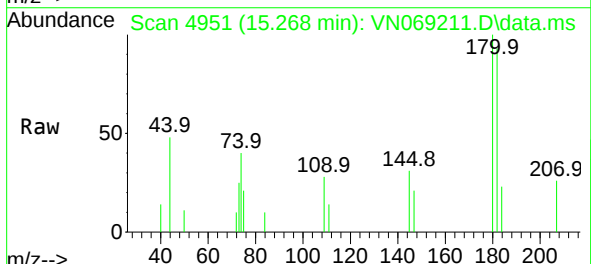
Instrument :
 MSVOA_N
 ClientSampleId :

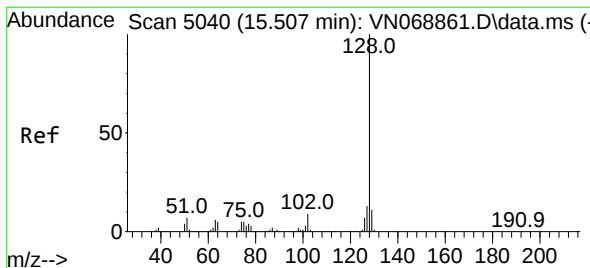
Tgt Ion: 75 Resp: 263
 Ion Ratio Lower Upper
 75 100
 155 53.6 38.8 116.4
 157 86.3 50.2 150.6



#93
 1,2,4-Trichlorobenzene
 Concen: 3.278 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN069211.D
 Acq: 27 Oct 2021 12:00

Tgt Ion: 180 Resp: 2601
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.7
 145 29.2 16.4 49.2

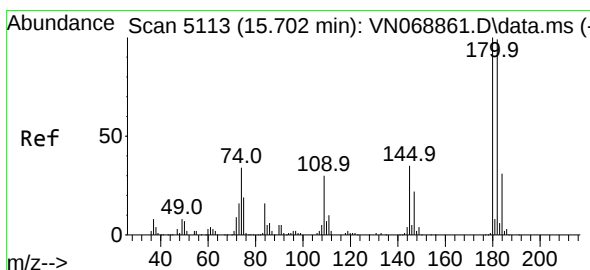
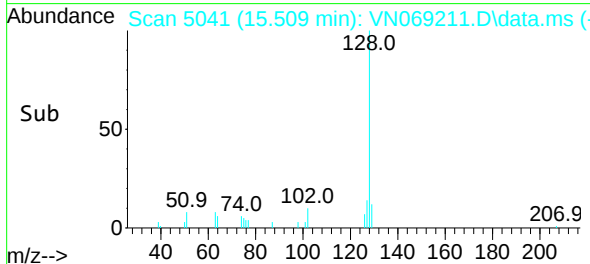
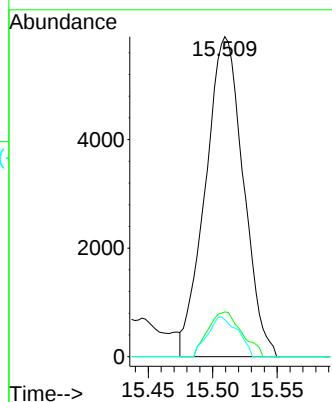
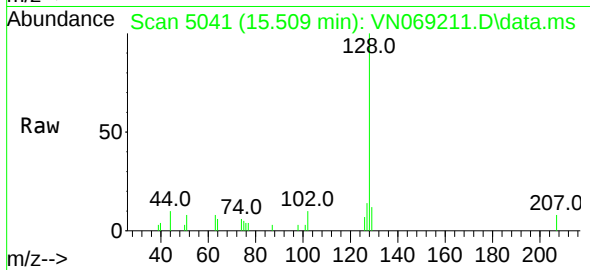




#95
Naphthalene
Concen: 4.915 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 12028
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 9.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.416 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069211.D
Acq: 27 Oct 2021 12:00

Tgt Ion:180 Resp: 3295
Ion Ratio Lower Upper
180 100
182 93.3 48.1 144.3
145 34.8 17.4 52.2

