

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068947.D
 Acq On : 15 Oct 2021 14:15
 Operator : JC/MD
 Sample : M4192-15
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:15:18 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)

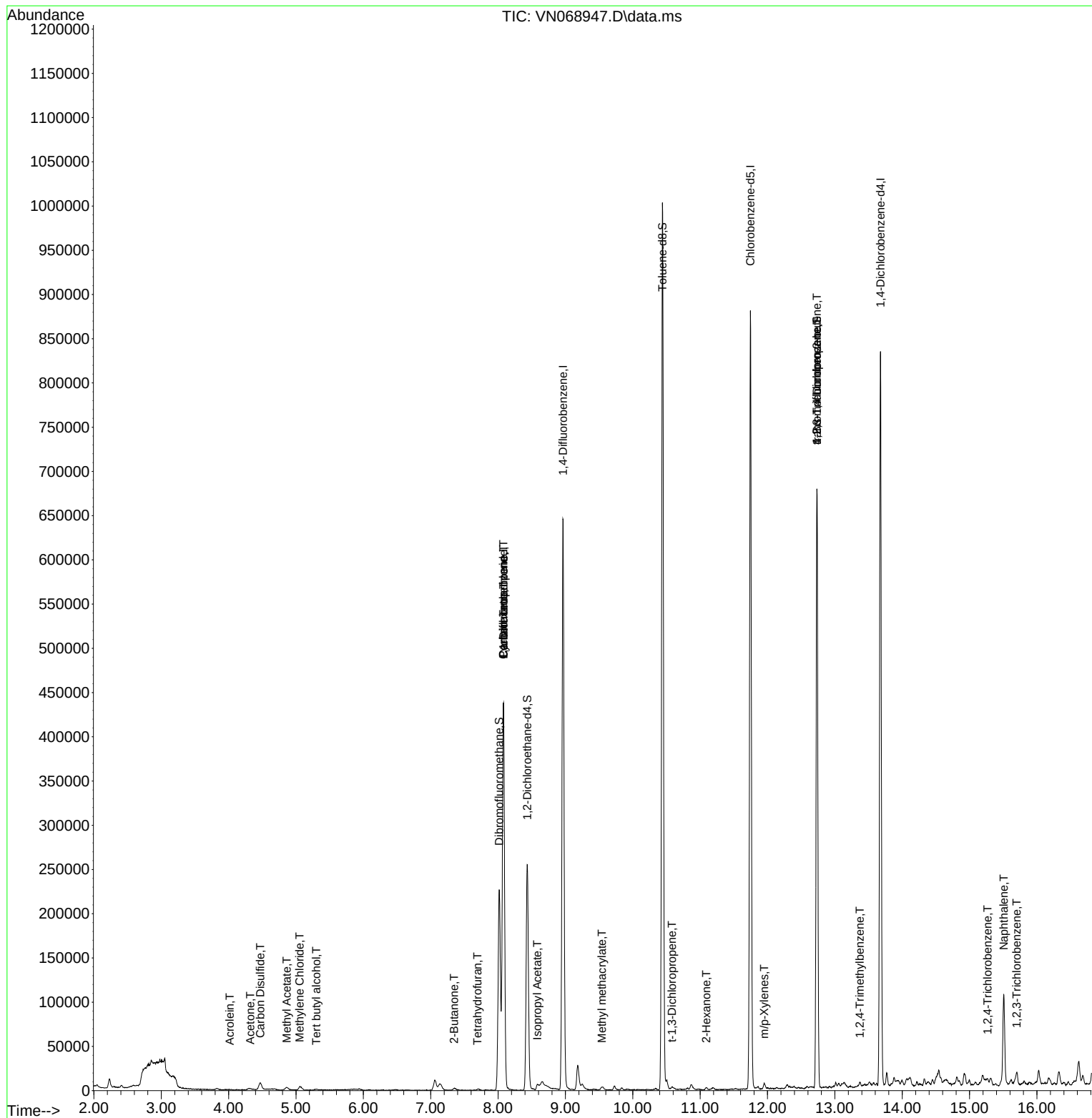
Internal Standards						
1) Pentafluorobenzene	8.080	168	332864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	574530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	510709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	219080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	213600	48.670	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.340%
35) Dibromofluoromethane	8.016	113	169009	50.561	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.120%
50) Toluene-d8	10.441	98	713300	53.333	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.660%
62) 4-Bromofluorobenzene	12.734	95	244949	48.543	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.302	59	671	0.837	ug/l #	72
13) Acrolein	4.017	56	140	0.395	ug/l #	71
16) Acetone	4.320	43	2888	1.763	ug/l #	83
17) Carbon Disulfide	4.468	76	18947	2.171	ug/l	100
18) Methyl Acetate	4.862	43	6873	1.106	ug/l	96
20) Methylene Chloride	5.055	84	3529	0.936	ug/l	86
25) 2-Butanone	7.348	43	3470	1.401	ug/l	95
29) Tetrahydrofuran	7.694	42	504	0.314	ug/l #	40
31) Cyclohexane	8.078	56	7613	1.116	ug/l #	1
36) 1,1-Dichloropropene	8.078	75	27751	5.655	ug/l #	49
38) Carbon Tetrachloride	8.080	117	34650	6.429	ug/l #	16
43) Isopropyl Acetate	8.582	43	4589	0.513	ug/l #	55
48) Methyl methacrylate	9.542	41	1146	0.273	ug/l #	43
53) t-1,3-Dichloropropene	10.580	75	1265	0.204	ug/l #	31
59) 2-Hexanone	11.092	43	1715	0.461	ug/l #	60
68) m/p-Xylenes	11.950	106	1714	0.252	ug/l #	72
76) 1,2,3-Trichloropropane	12.734	75	126724	27.186	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	126724	65.041	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.369	105	3406	0.233	ug/l	84
93) 1,2,4-Trichlorobenzene	15.268	180	1441	2.973	ug/l	100
95) Naphthalene	15.507	128	97288	12.651	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	1690	2.972	ug/l #	65

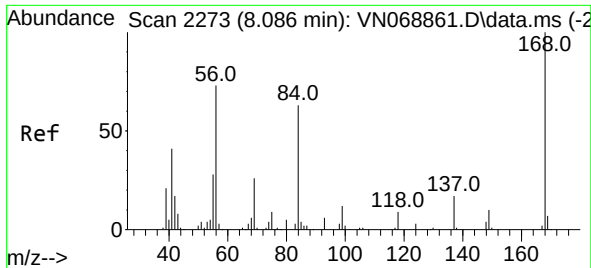
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
Data File : VN068947.D
Acq On : 15 Oct 2021 14:15
Operator : JC/MD
Sample : M4192-15
Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 18 02:15:18 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

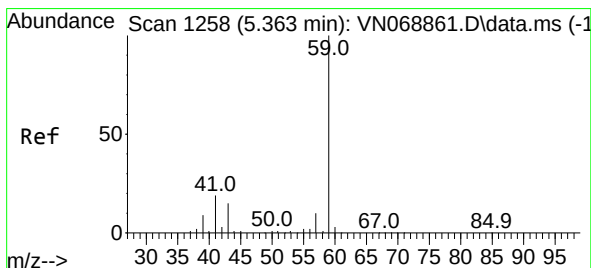
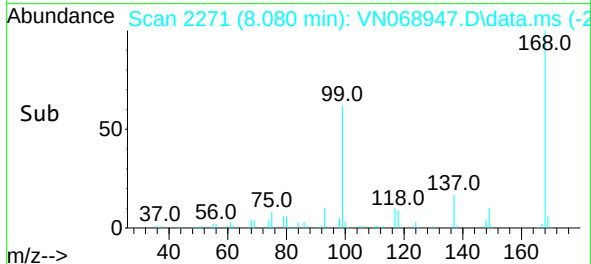
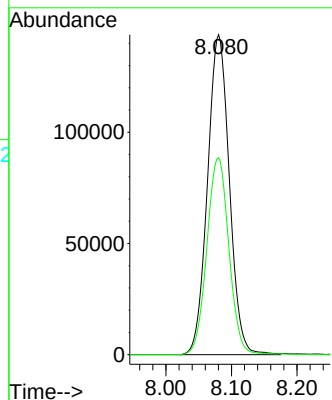
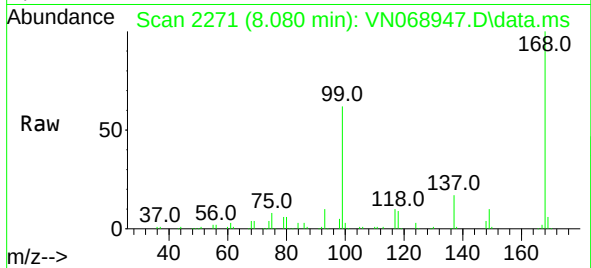




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

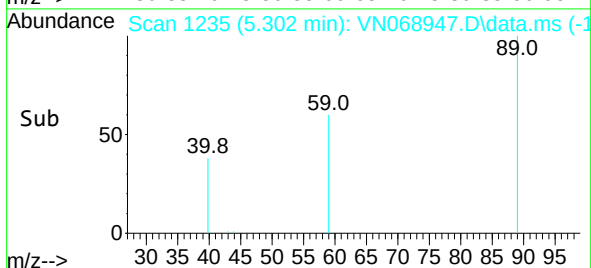
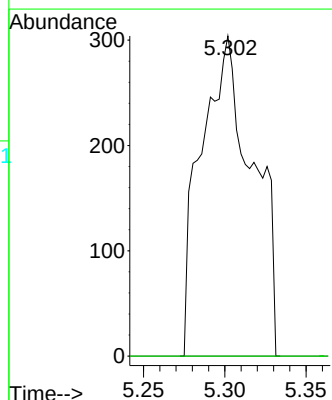
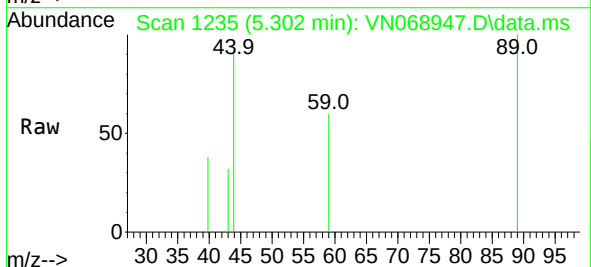
Instrument :
MSVOA_N
ClientSampled :

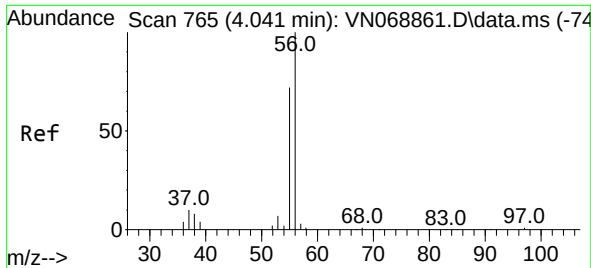
Tgt Ion:168 Resp: 332864
Ion Ratio Lower Upper
168 100
99 61.5 48.9 73.3



#11
Tert butyl alcohol
Concen: 0.837 ug/l
RT: 5.302 min Scan# 1235
Delta R.T. -0.062 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 59 Resp: 671
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

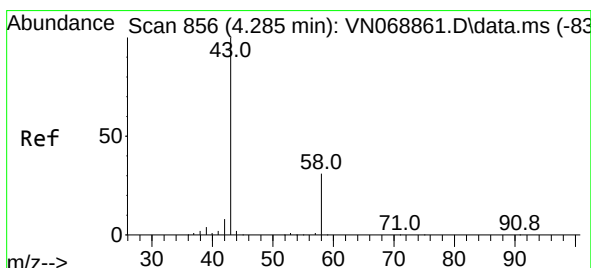
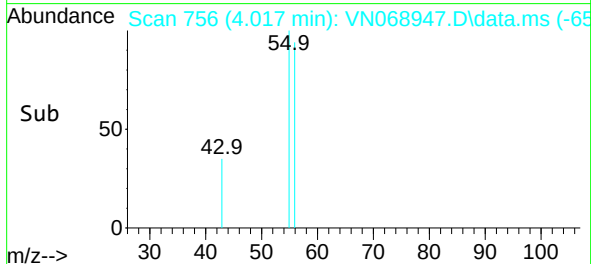
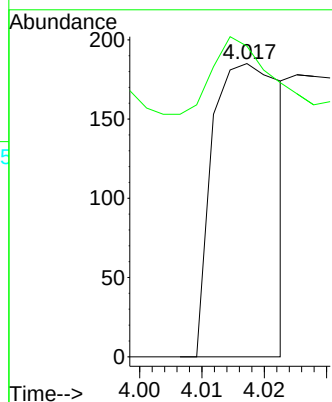
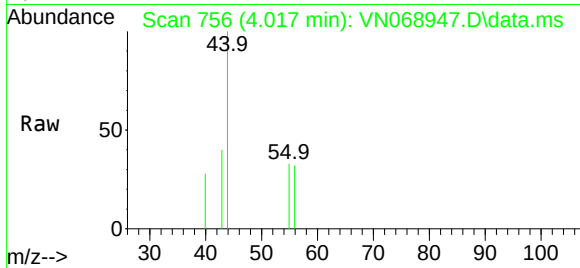




#13
Acrolein
Concen: 0.395 ug/l
RT: 4.017 min Scan# 756
Delta R.T. -0.024 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

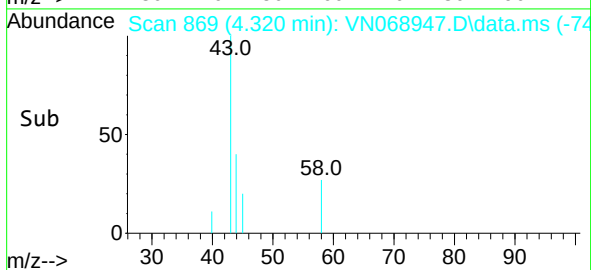
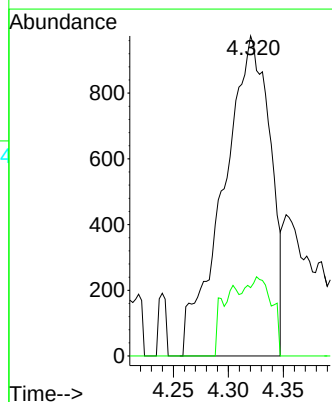
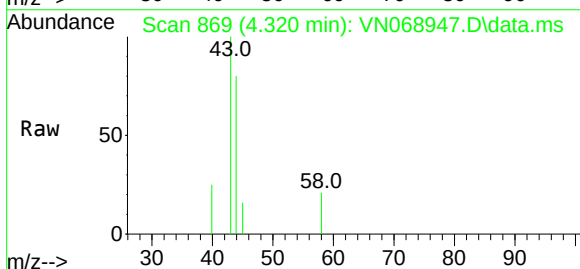
Instrument :
MSVOA_N
ClientSampled :

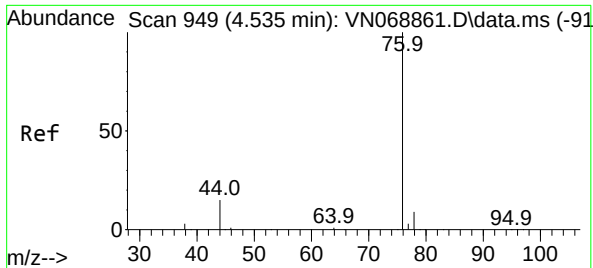
Tgt Ion: 56 Resp: 140
Ion Ratio Lower Upper
56 100
55 48.6 58.1 87.1#



#16
Acetone
Concen: 1.763 ug/l
RT: 4.320 min Scan# 869
Delta R.T. 0.035 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 43 Resp: 2888
Ion Ratio Lower Upper
43 100
58 21.4 24.5 36.7#

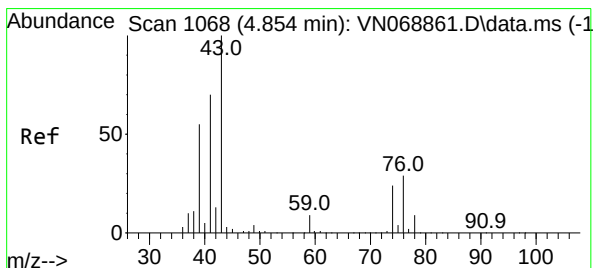
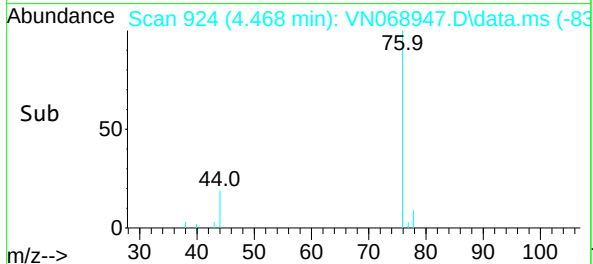
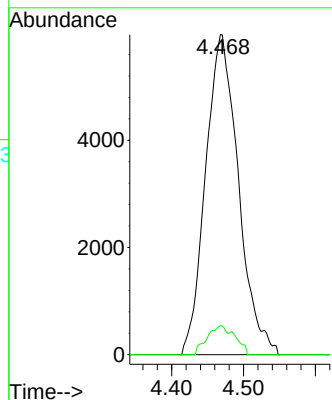
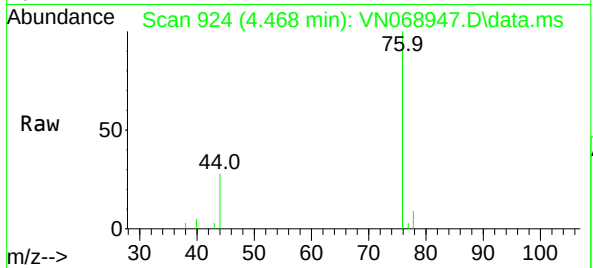




#17
Carbon Disulfide
Concen: 2.171 ug/l
RT: 4.468 min Scan# 924
Delta R.T. -0.067 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

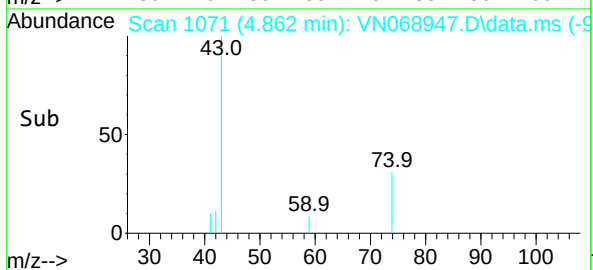
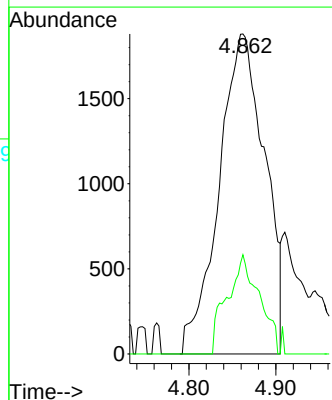
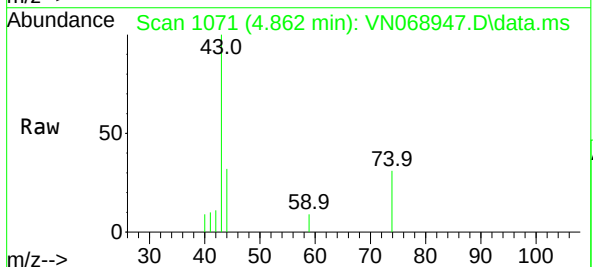
Instrument :
MSVOA_N
ClientSampled :

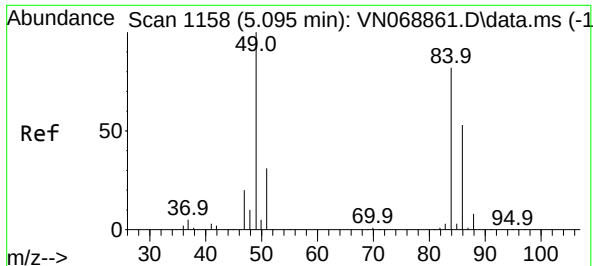
Tgt Ion: 76 Resp: 18947
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 1.106 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.008 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 43 Resp: 6873
Ion Ratio Lower Upper
43 100
74 21.8 18.9 28.3

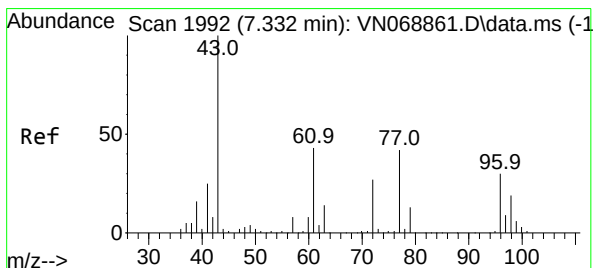
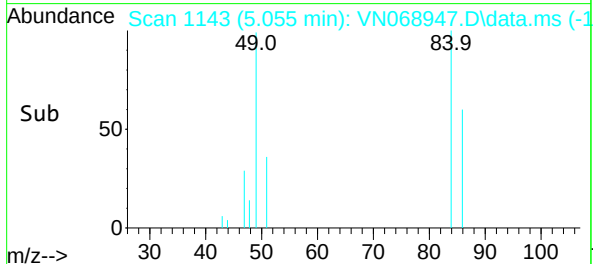
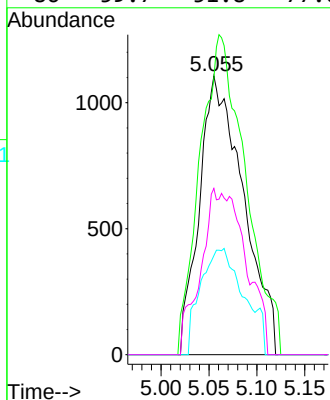
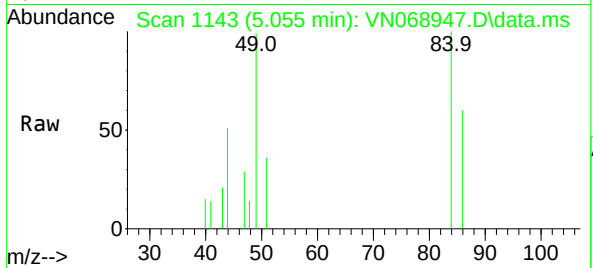




#20
Methylene Chloride
Concen: 0.936 ug/l
RT: 5.055 min Scan# 1143
Delta R.T. -0.040 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

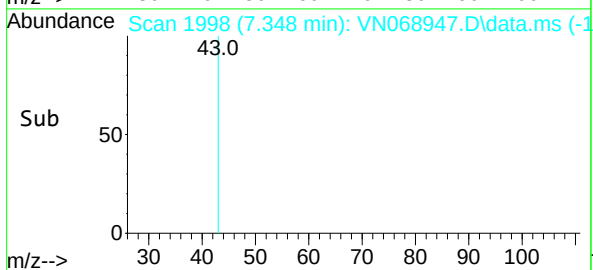
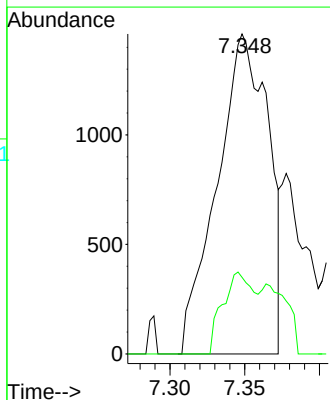
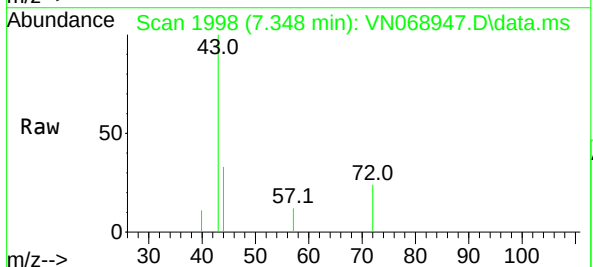
Instrument :
MSVOA_N
ClientSampled :

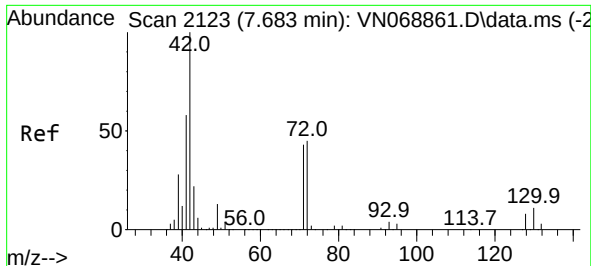
Tgt Ion:	84	Resp:	3529
Ion	Ratio	Lower	Upper
84	100		
49	99.2	97.6	146.4
51	35.5	30.3	45.5
86	59.7	51.8	77.6



#25
2-Butanone
Concen: 1.401 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.016 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion:	43	Resp:	3470
Ion	Ratio	Lower	Upper
43	100		
72	24.0	21.2	31.8





#29

Tetrahydrofuran

Concen: 0.314 ug/l

RT: 7.694 min Scan# 2127

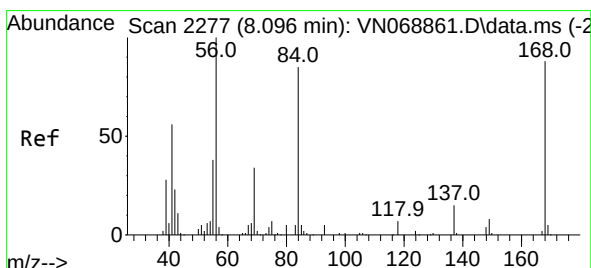
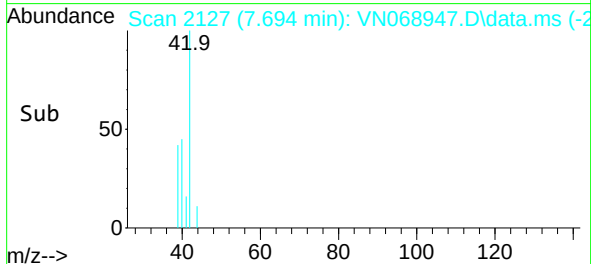
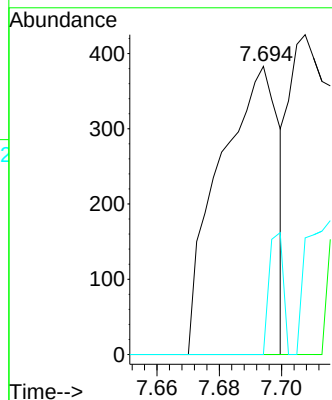
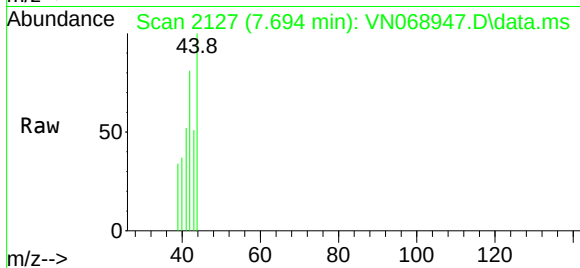
Delta R.T. 0.011 min

Lab File: VN068947.D

Acq: 15 Oct 2021 14:15

Tgt Ion: 42	Resp:	504
Ion	Ratio	Lower Upper
42	100	
72	0.0	35.4 53.2#
71	10.1	33.8 50.6#

Instrument :
MSVOA_N
ClientSampleId :



#31

Cyclohexane

Concen: 1.116 ug/l

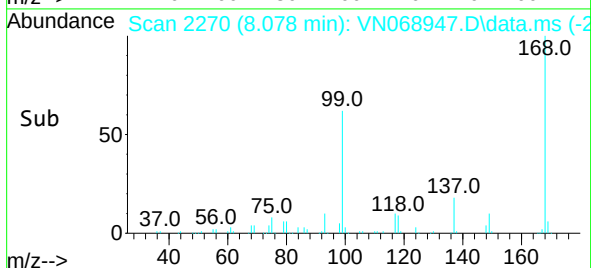
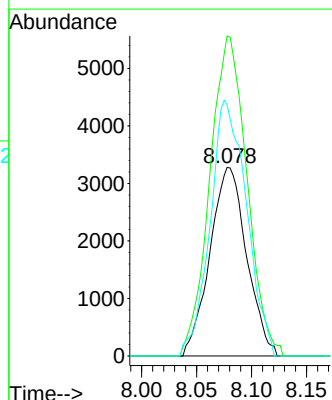
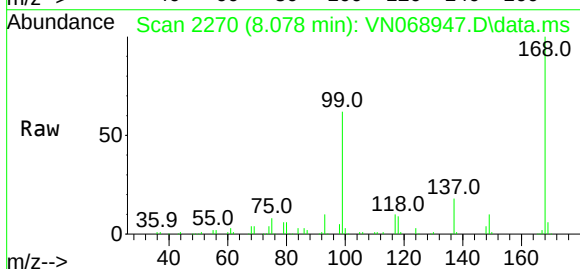
RT: 8.078 min Scan# 2270

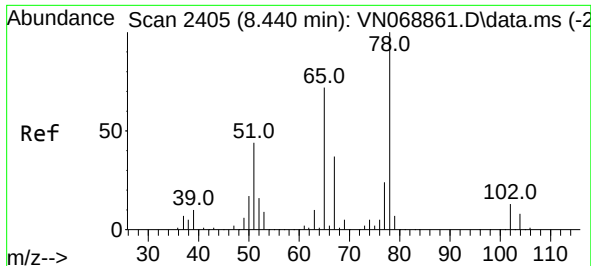
Delta R.T. -0.018 min

Lab File: VN068947.D

Acq: 15 Oct 2021 14:15

Tgt Ion: 56	Resp:	7613
Ion	Ratio	Lower Upper
56	100	
69	169.7	26.9 40.3#
84	133.2	67.6 101.4#



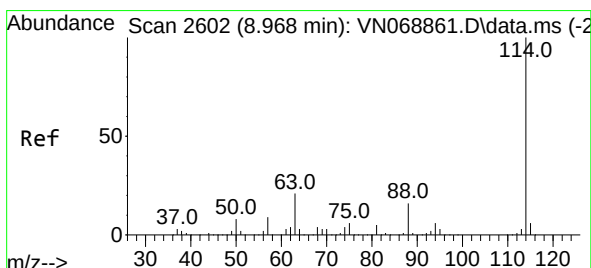
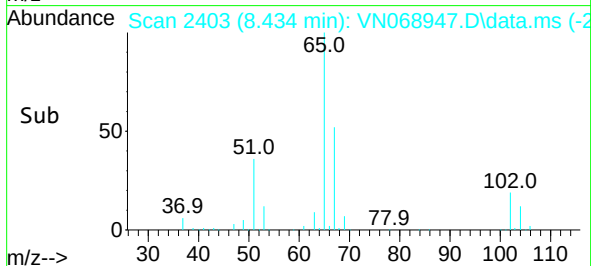
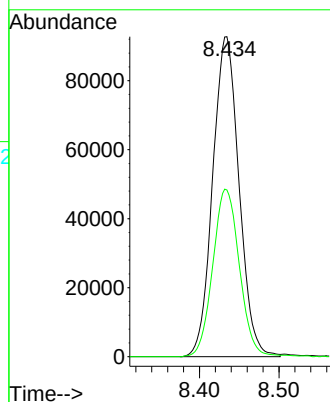
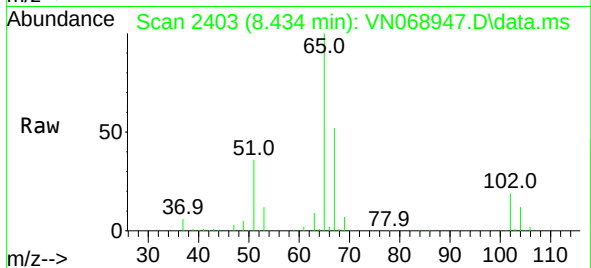


#33

1,2-Dichloroethane-d4
Concen: 48.670 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Instrument :
MSVOA_N
ClientSampleId :

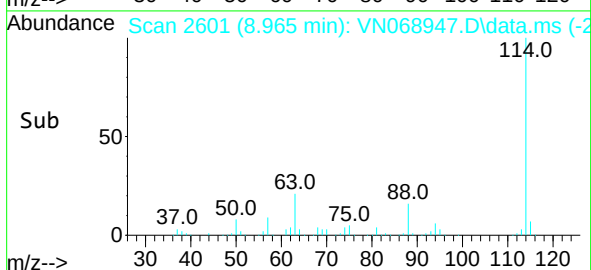
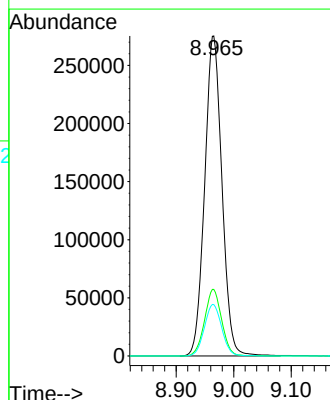
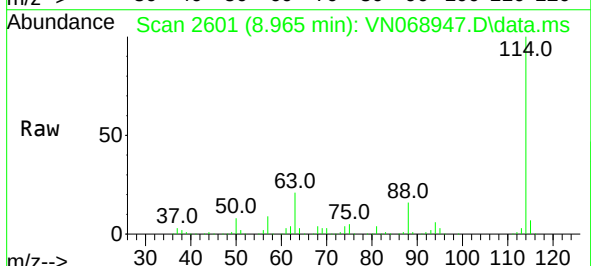
Tgt Ion: 65 Resp: 213600
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.8

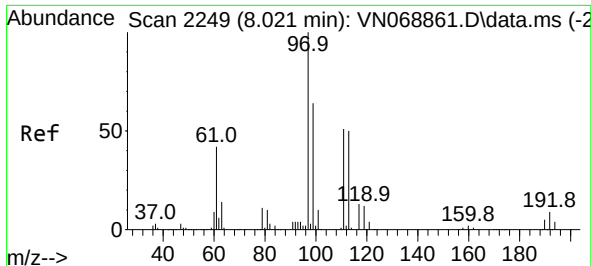


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 114 Resp: 574530
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.1 0.0 32.0

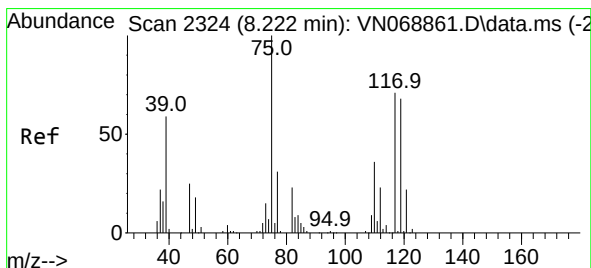
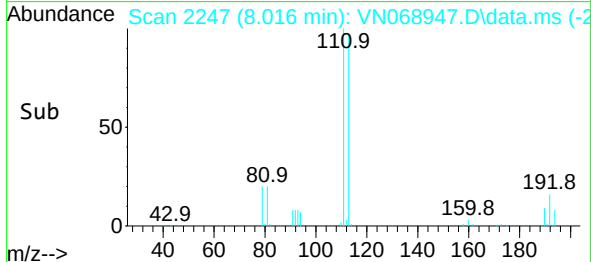
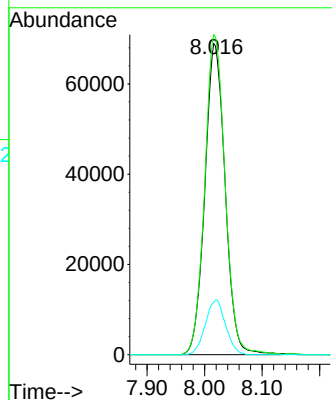
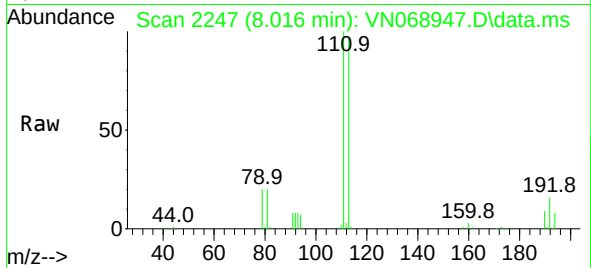




#35
Dibromofluoromethane
Concen: 50.561 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

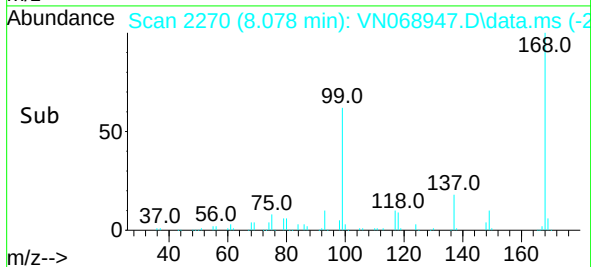
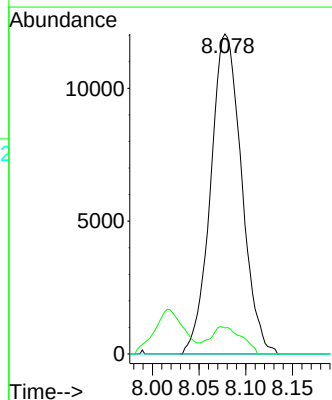
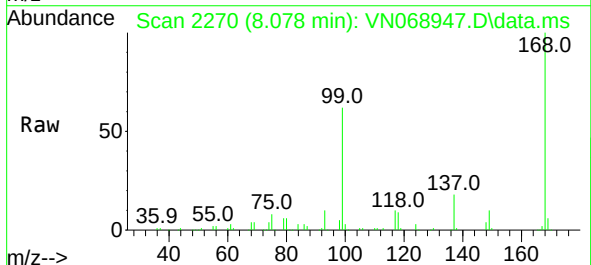
Instrument :
MSVOA_N
ClientSampled :

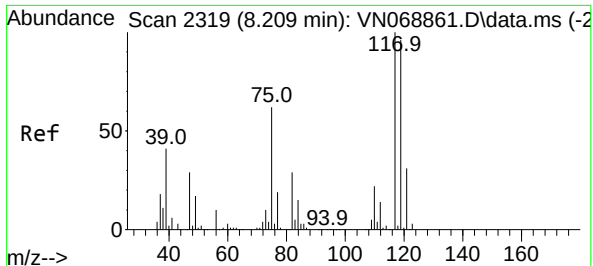
Tgt Ion:113 Resp: 169009
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 17.5 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.655 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.145 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

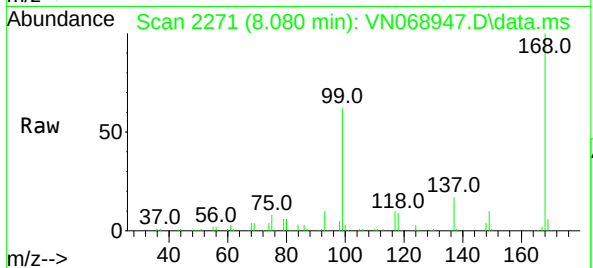
Tgt Ion: 75 Resp: 27751
Ion Ratio Lower Upper
75 100
110 8.8 17.9 53.8#
77 0.0 24.7 37.1#



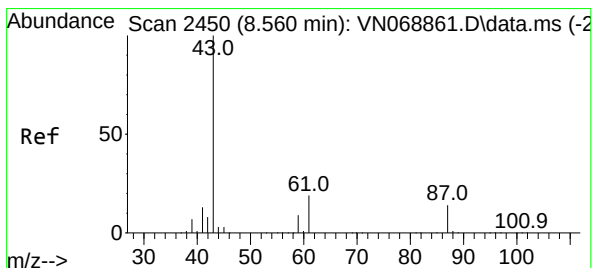
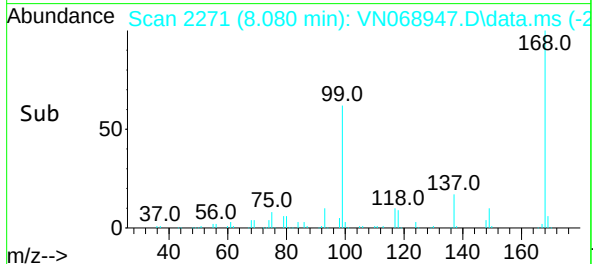
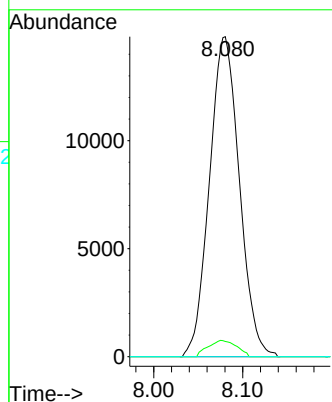


#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Instrument :
MSVOA_N
ClientSampled :

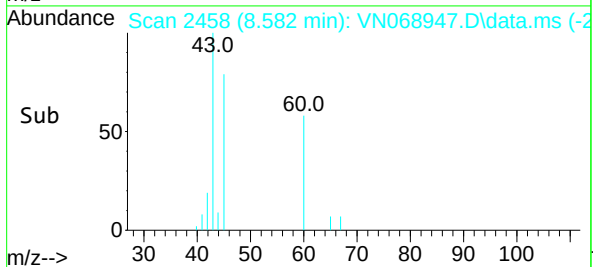
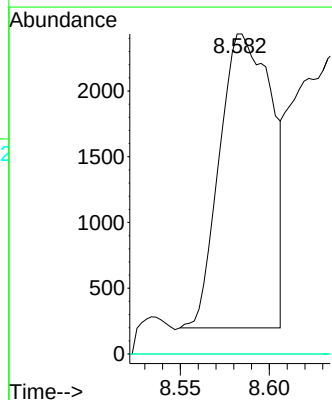
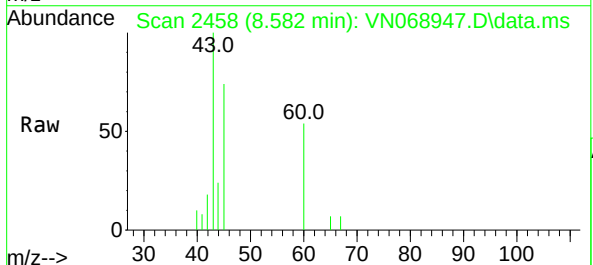


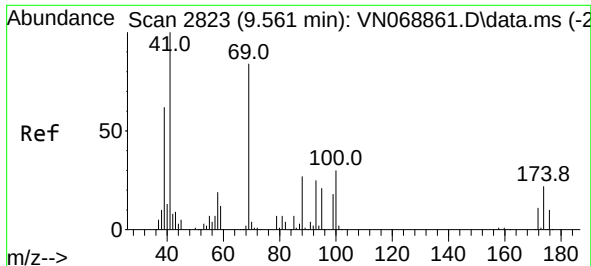
Tgt Ion:117 Resp: 34650
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.513 ug/l
RT: 8.582 min Scan# 2458
Delta R.T. 0.022 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

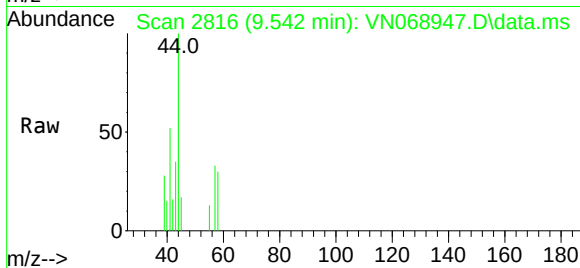
Tgt Ion: 43 Resp: 4589
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



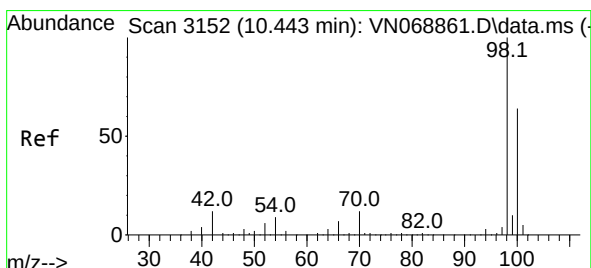
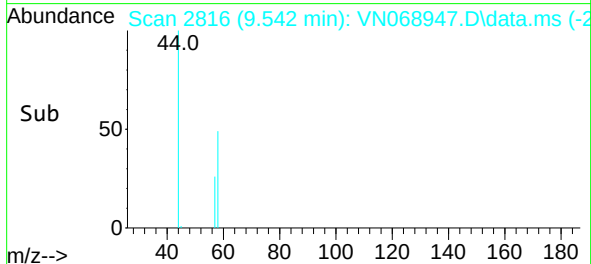
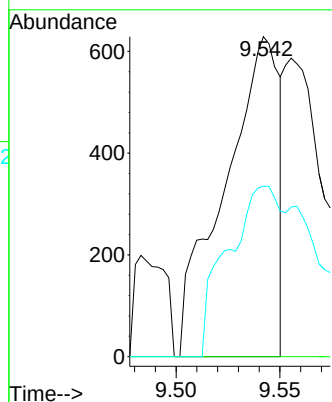


#48
Methyl methacrylate
Concen: 0.273 ug/l
RT: 9.542 min Scan# 2816
Delta R.T. -0.019 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Instrument :
MSVOA_N
ClientSampled :

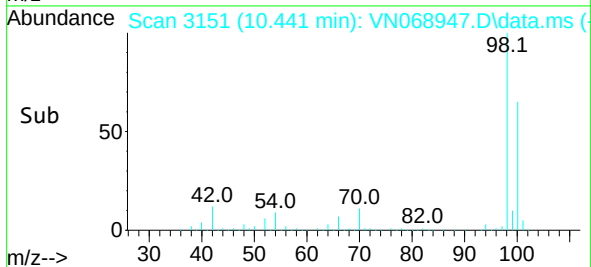
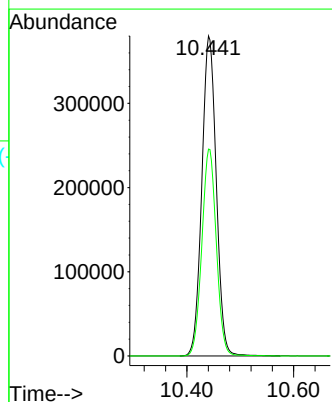
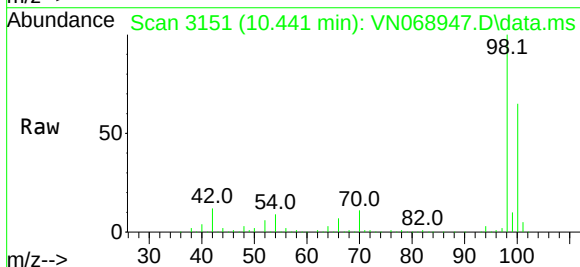


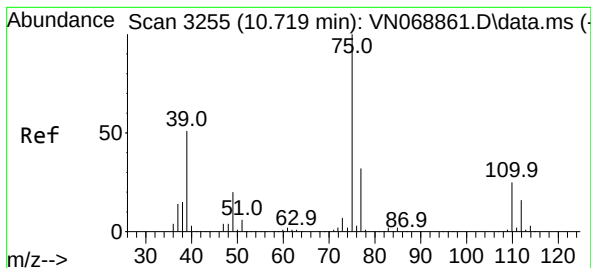
Tgt Ion: 41 Resp: 1146
Ion Ratio Lower Upper
41 100
69 0.0 66.4 99.6#
39 54.2 50.2 75.2



#50
Toluene-d8
Concen: 53.333 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 98 Resp: 713300
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

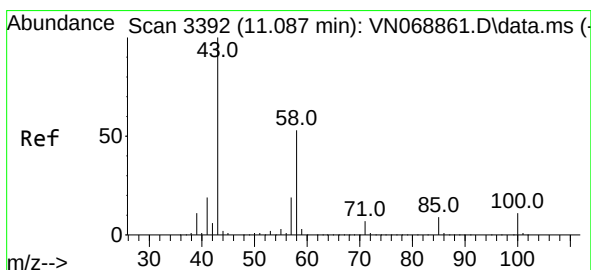
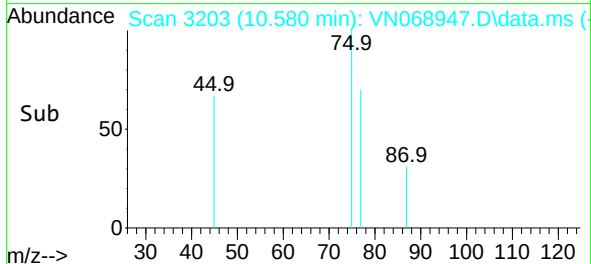
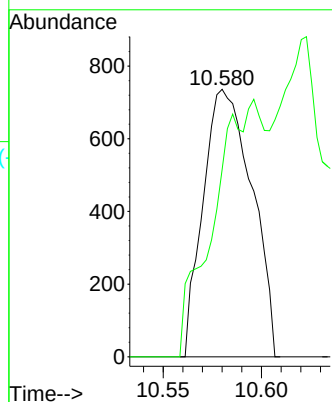
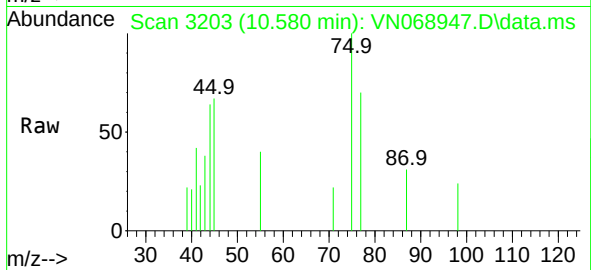




#53
t-1,3-Dichloropropene
Concen: 0.204 ug/l
RT: 10.580 min Scan# 3203
Delta R.T. -0.139 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

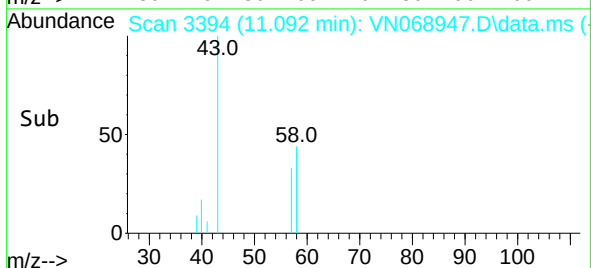
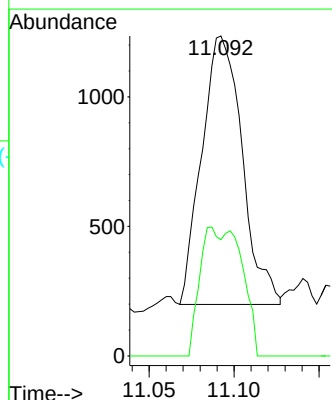
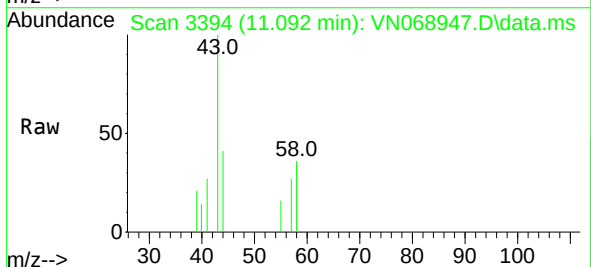
Instrument :
MSVOA_N
ClientSampled :

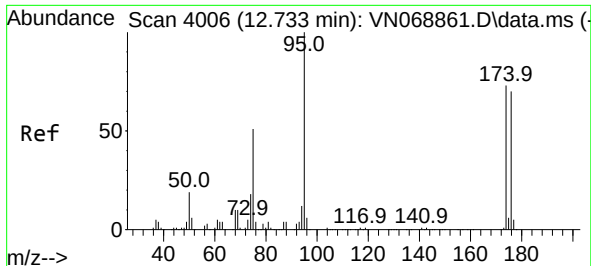
Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
77 70.0 25.4 38.2#



#59
2-Hexanone
Concen: 0.461 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.006 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 43 Resp: 1715
Ion Ratio Lower Upper
43 100
58 25.5 26.9 80.7#

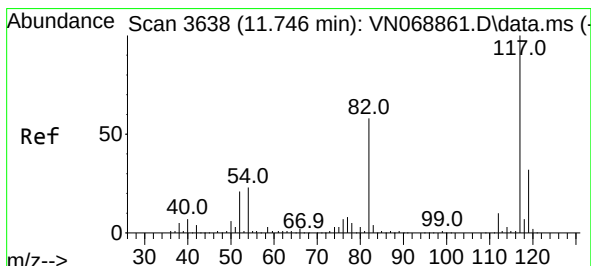
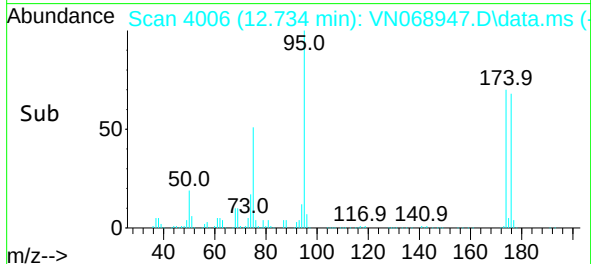
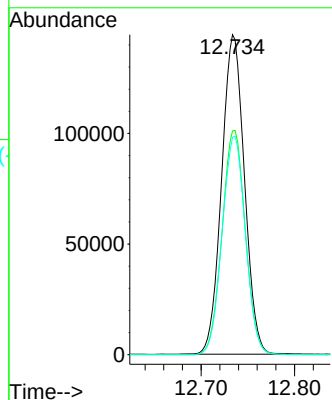
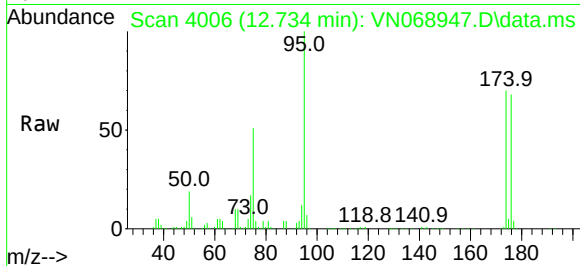




#62
4-Bromofluorobenzene
Concen: 48.543 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

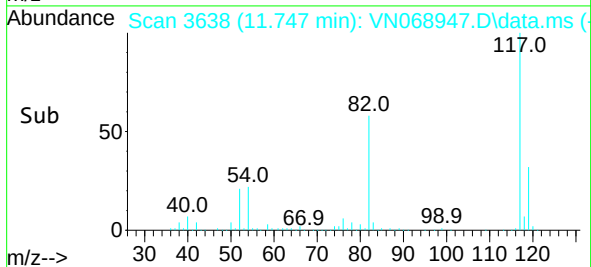
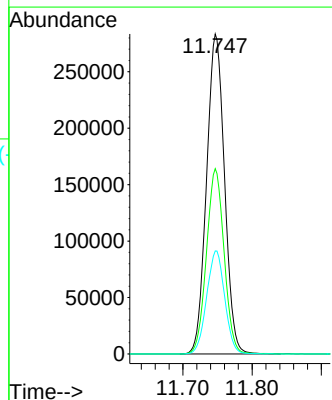
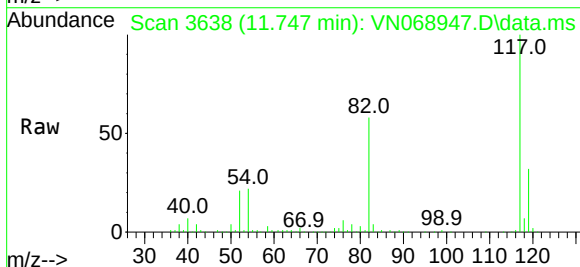
Instrument :
MSVOA_N
ClientSampleId :

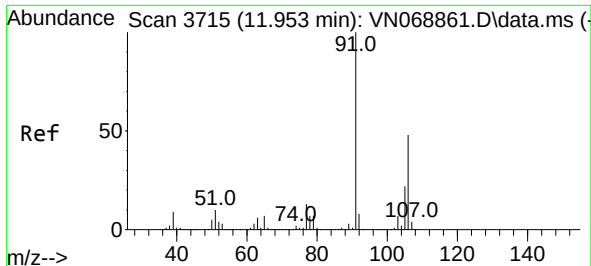
Tgt Ion: 95 Resp: 244949
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.8
176 69.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 117 Resp: 510709
Ion Ratio Lower Upper
117 100
82 57.9 46.4 69.6
119 32.2 26.0 39.0

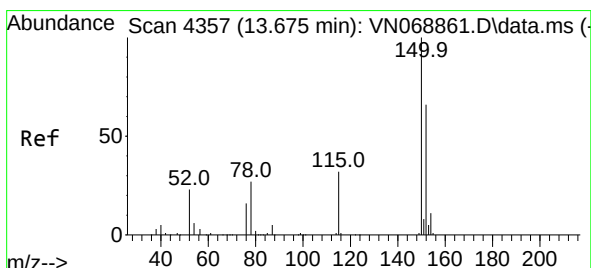
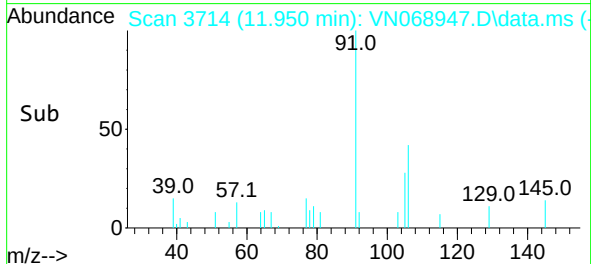
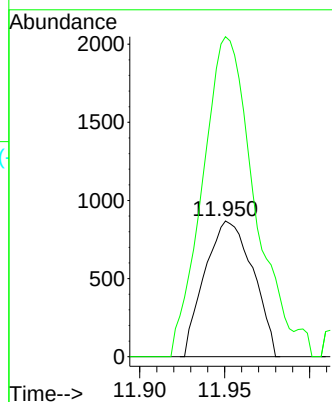
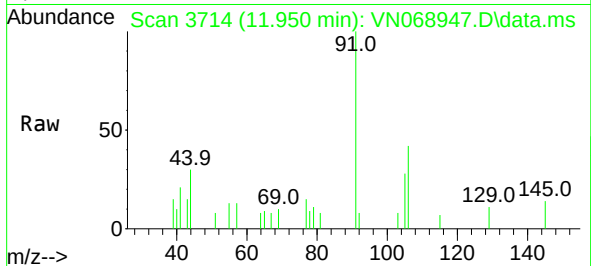




#68
m/p-Xylenes
Concen: 0.252 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

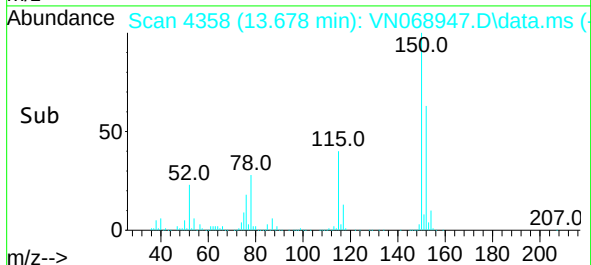
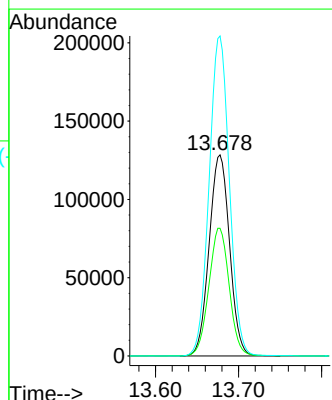
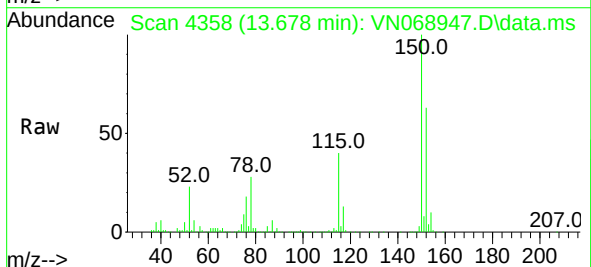
Instrument :
MSVOA_N
ClientSampleId :

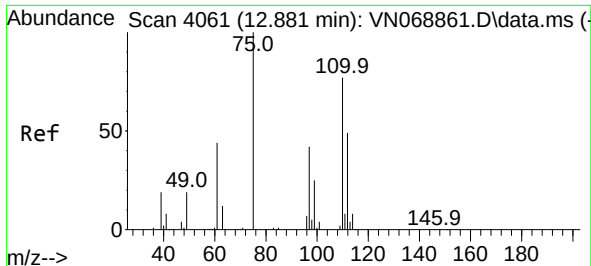
Tgt Ion:106 Resp: 1714
Ion Ratio Lower Upper
106 100
91 251.5 166.8 250.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion:152 Resp: 219080
Ion Ratio Lower Upper
152 100
115 63.5 31.4 94.3
150 157.7 0.0 351.0

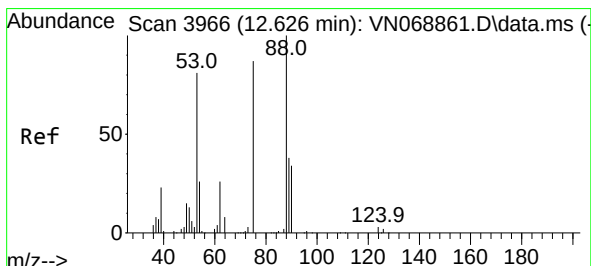
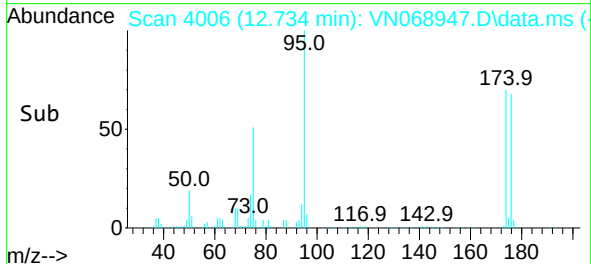
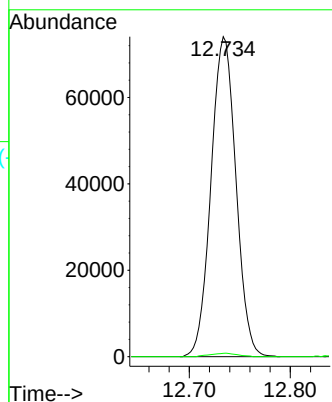
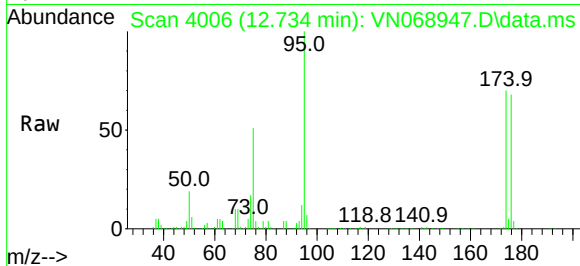




#76
1,2,3-Trichloropropane
Concen: 27.186 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

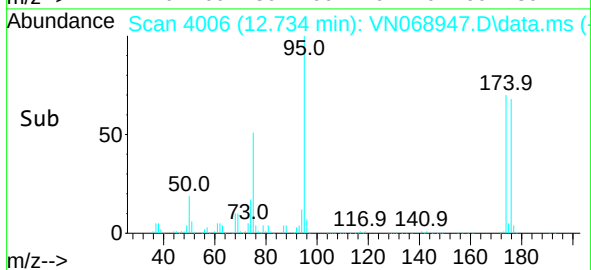
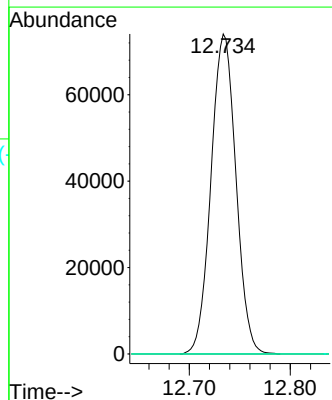
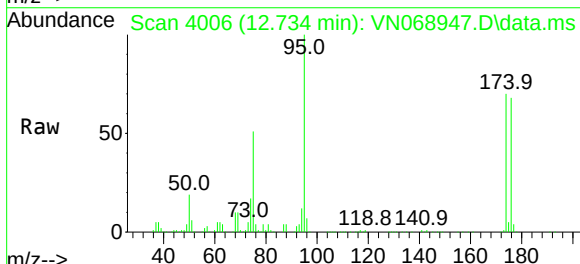
Instrument :
MSVOA_N
ClientSampled :

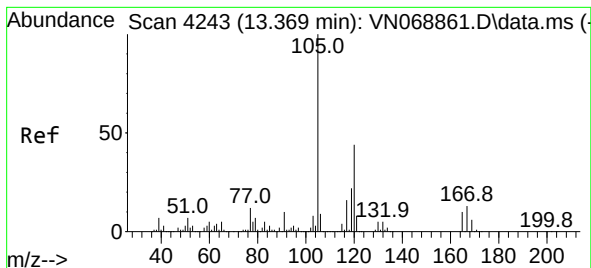
Tgt Ion: 75 Resp: 126724
Ion Ratio Lower Upper
75 100
77 1.2 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.041 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion: 75 Resp: 126724
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.233 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN068947.D

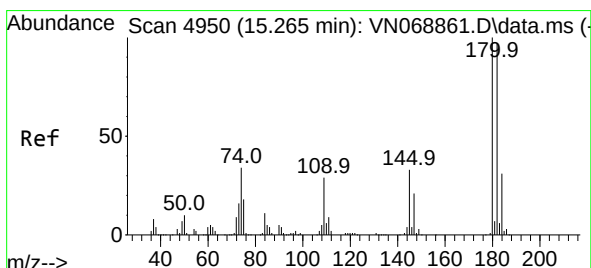
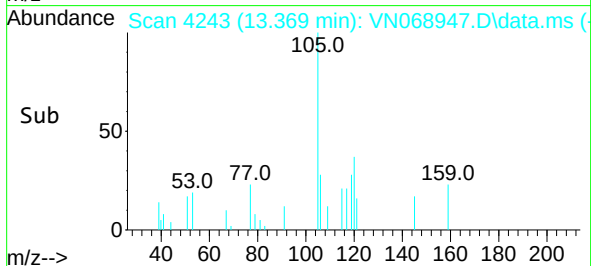
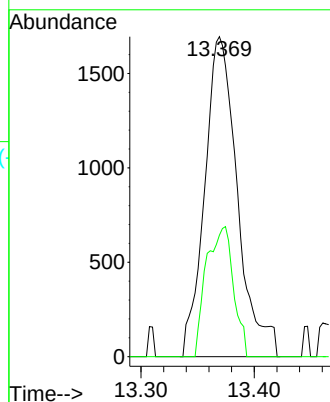
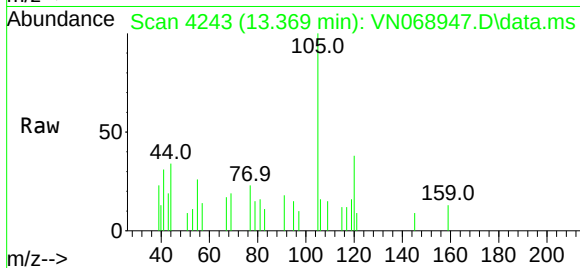
Acq: 15 Oct 2021 14:15

Tgt Ion:105 Resp: 3406

Ion Ratio Lower Upper

105 100

120 33.5 21.9 65.5



#93

1,2,4-Trichlorobenzene

Concen: 2.973 ug/l

RT: 15.268 min Scan# 4951

Delta R.T. 0.003 min

Lab File: VN068947.D

Acq: 15 Oct 2021 14:15

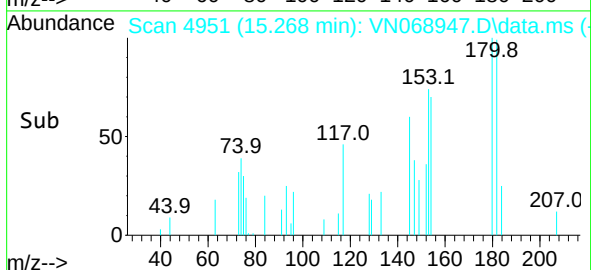
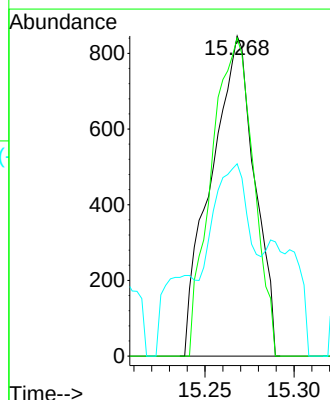
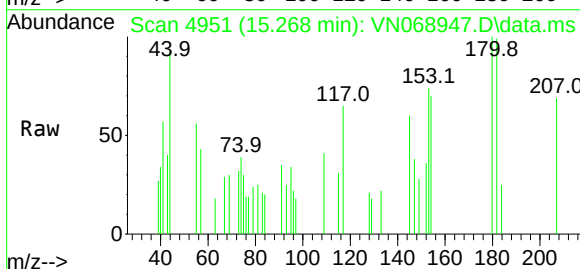
Tgt Ion:180 Resp: 1441

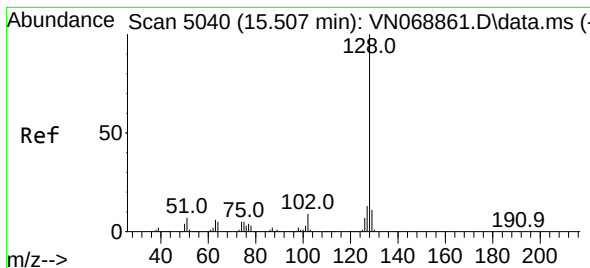
Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 33.4 16.4 49.2

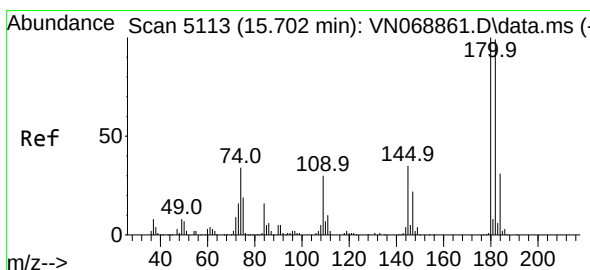
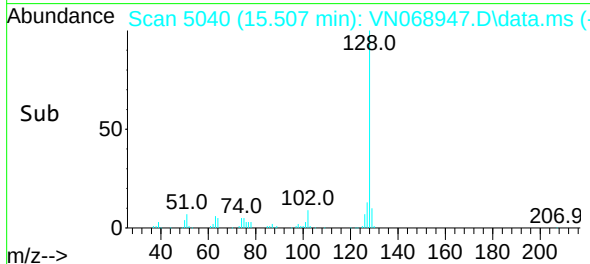
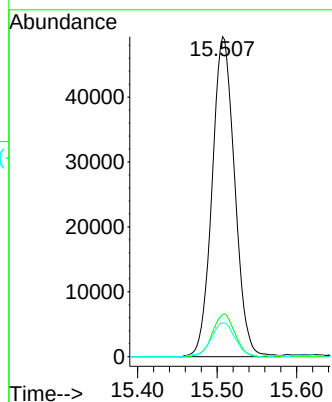
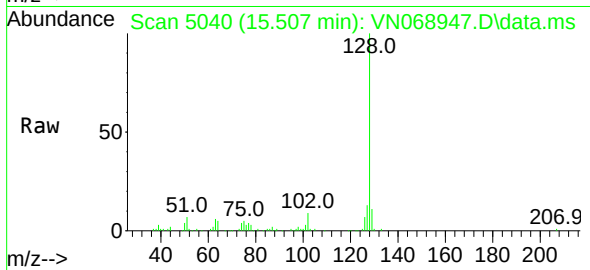




#95
Naphthalene
Concen: 12.651 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	97288
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.3	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 2.972 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN068947.D
Acq: 15 Oct 2021 14:15

Tgt Ion:	180	Resp:	1690
Ion Ratio	Lower	Upper	
180	100		
182	124.4	48.1	144.3
145	64.9	17.4	52.2#

