

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068948.D
 Acq On : 15 Oct 2021 14:40
 Operator : JC/MD
 Sample : M4192-17
 Misc : 5.29g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:15:28 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

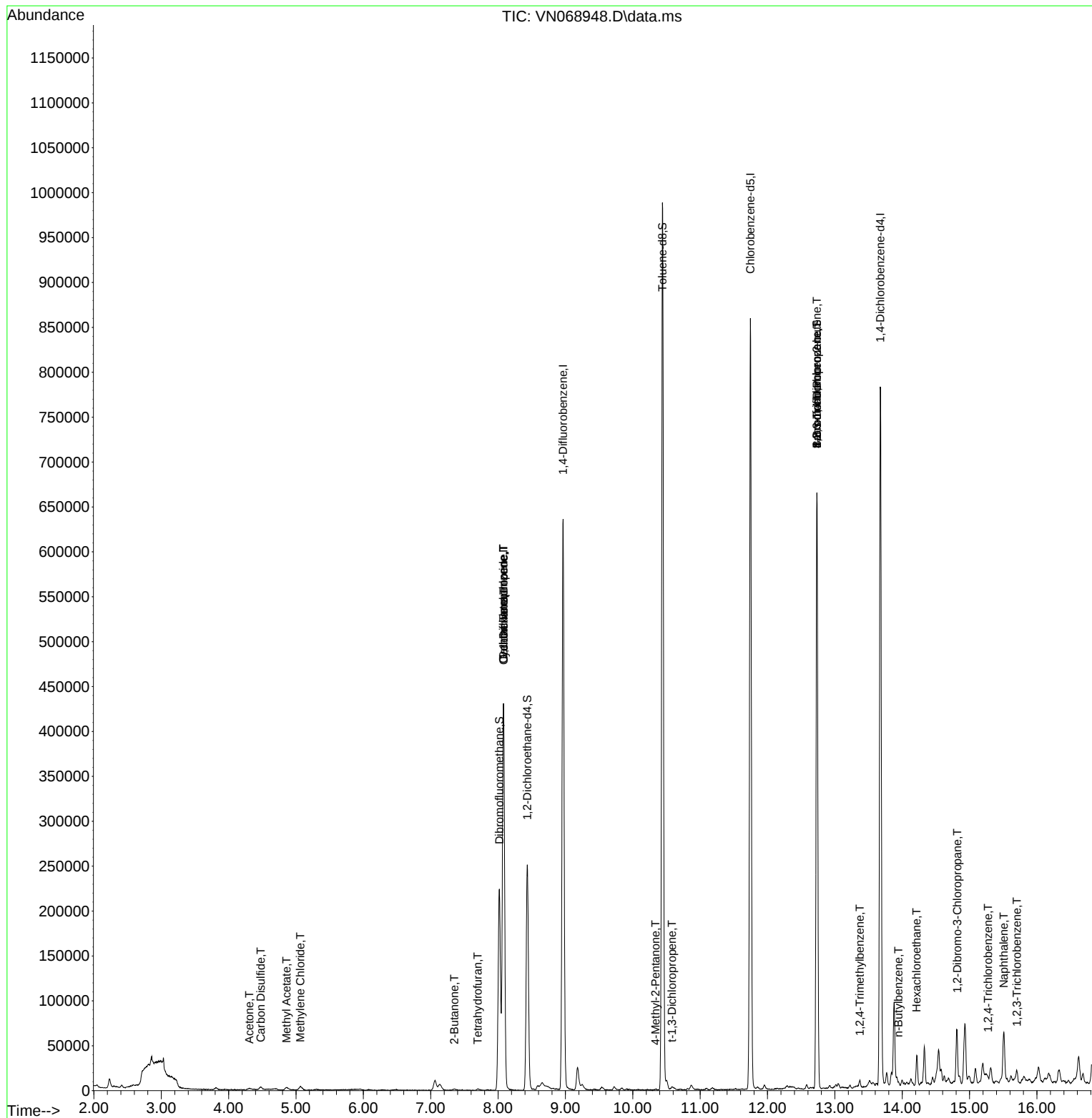
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.080	168	334992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	572278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	506143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	210947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	211425	47.869	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.740%
35) Dibromofluoromethane	8.019	113	167474	50.299	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.600%
50) Toluene-d8	10.441	98	707477	53.105	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.734	95	240565	47.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.720%
Target Compounds						
					Qvalue	
16) Acetone	4.310	43	1691	1.026	ug/l	99
17) Carbon Disulfide	4.479	76	6849	0.780	ug/l #	92
18) Methyl Acetate	4.859	43	7615	1.218	ug/l #	79
20) Methylene Chloride	5.063	84	2562	0.675	ug/l #	89
25) 2-Butanone	7.351	43	2121	0.851	ug/l	95
29) Tetrahydrofuran	7.697	42	421	0.260	ug/l #	75
31) Cyclohexane	8.083	56	7638	1.112	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	27528	5.632	ug/l #	49
38) Carbon Tetrachloride	8.078	117	34600	6.445	ug/l #	15
51) 4-Methyl-2-Pentanone	10.339	43	1051	0.203	ug/l #	36
53) t-1,3-Dichloropropene	10.583	75	1420	0.229	ug/l #	44
71) Bromoform	12.734	173	1239	0.413	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	124267	27.687	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	124267	66.238	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.369	105	4790	0.340	ug/l	95
89) n-Butylbenzene	13.943	91	3204	0.272	ug/l #	73
90) Hexachloroethane	14.214	117	2483	0.836	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.818	75	477	0.488	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.273	180	784	2.811	ug/l #	41
95) Naphthalene	15.507	128	56069	9.102	ug/l	98
96) 1,2,3-Trichlorobenzene	15.703	180	507	2.657	ug/l #	1

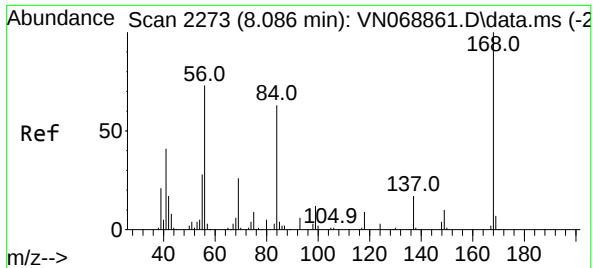
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 13 05:44:40 2021
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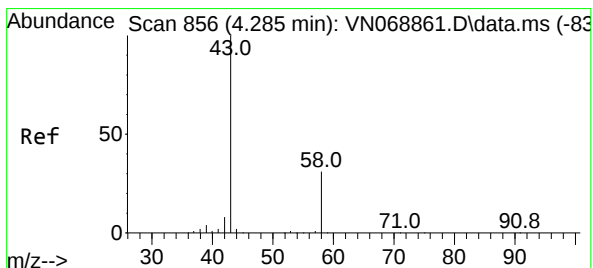
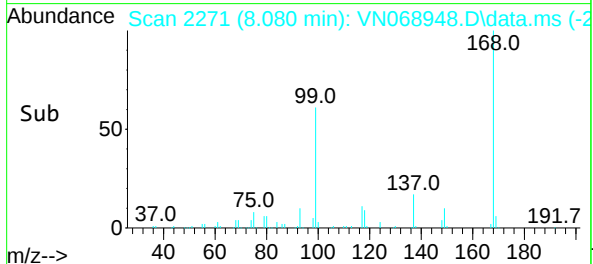
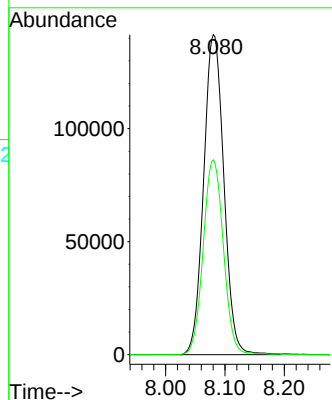
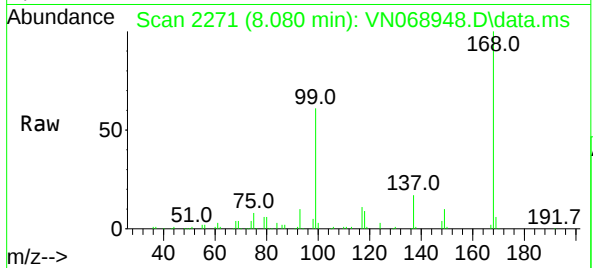




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.006 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

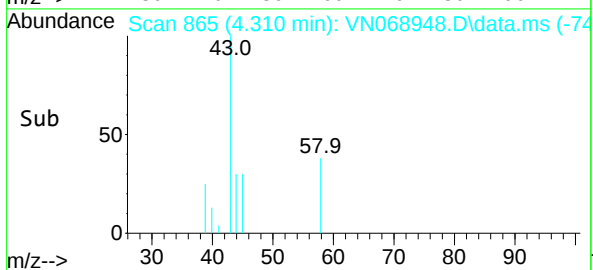
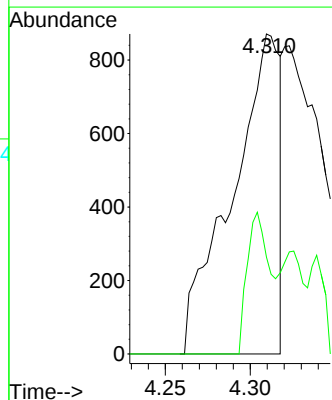
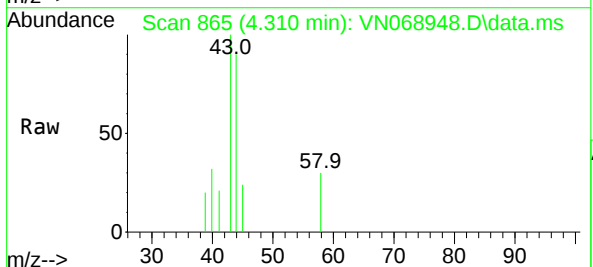
Instrument :
MSVOA_N
ClientSampled :

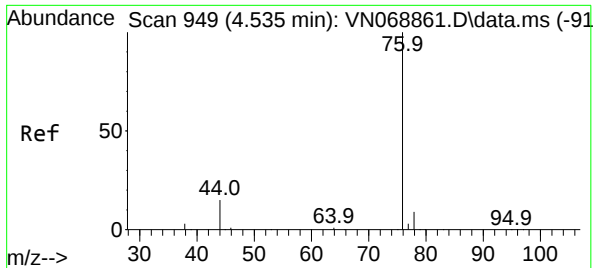
Tgt Ion:168 Resp: 334992
Ion Ratio Lower Upper
168 100
99 60.9 48.9 73.3



#16
Acetone
Concen: 1.026 ug/l
RT: 4.310 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
58 30.3 24.5 36.7

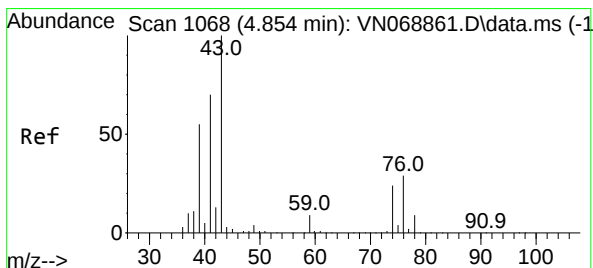
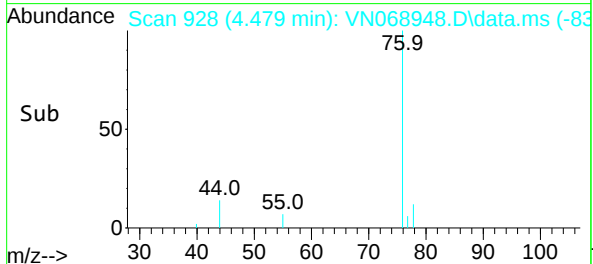
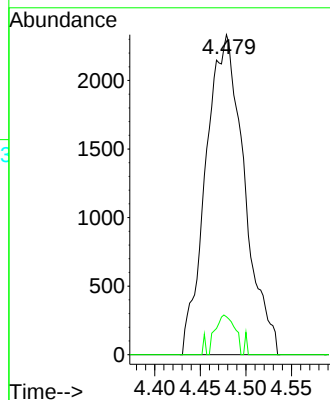
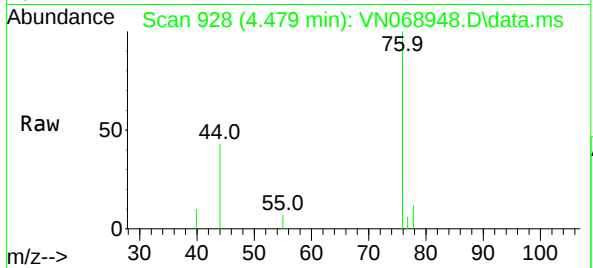




#17
Carbon Disulfide
Concen: 0.780 ug/l
RT: 4.479 min Scan# 928
Delta R.T. -0.056 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

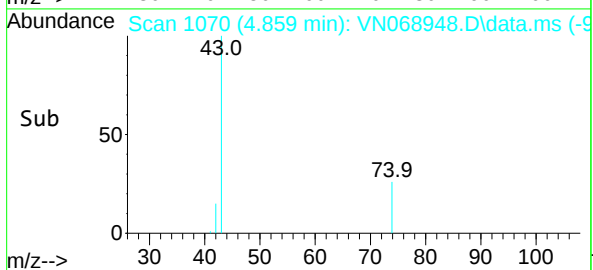
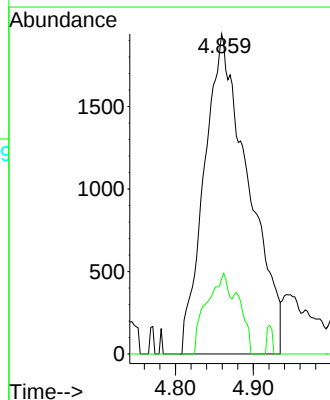
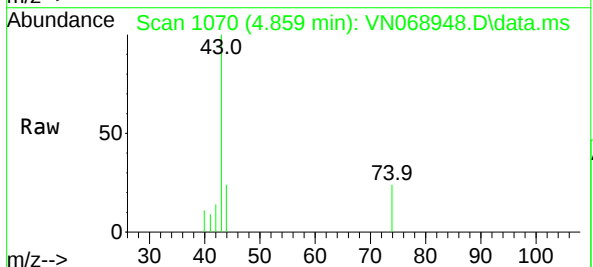
Instrument :
MSVOA_N
ClientSampled :

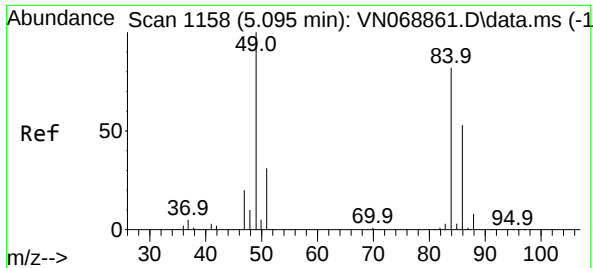
Tgt Ion: 76 Resp: 6849
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#



#18
Methyl Acetate
Concen: 1.218 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

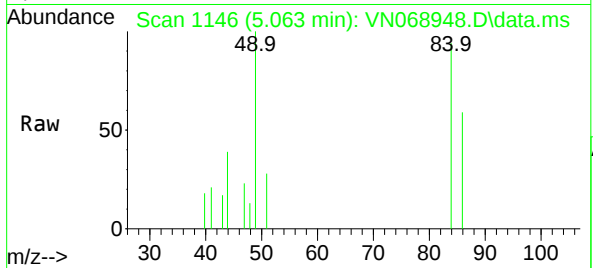
Tgt Ion: 43 Resp: 7615
Ion Ratio Lower Upper
43 100
74 13.3 18.9 28.3#



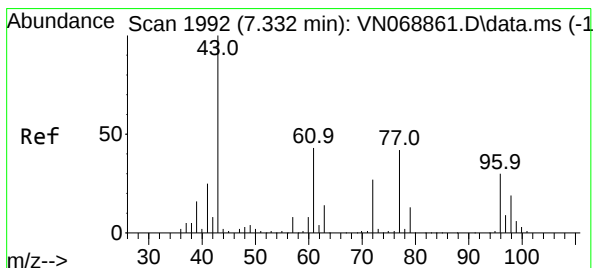
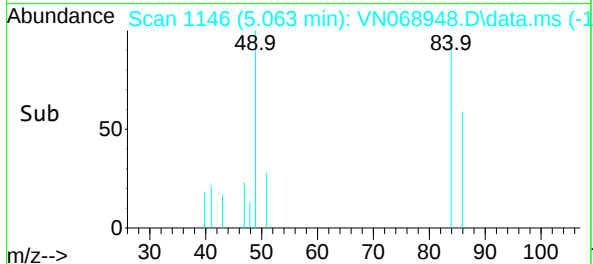
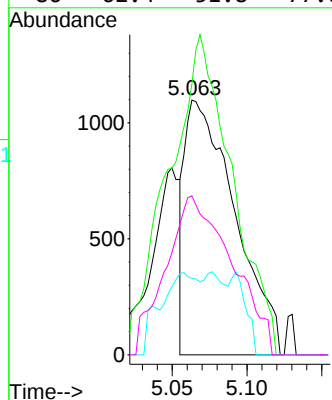


#20
Methylene Chloride
Concen: 0.675 ug/l
RT: 5.063 min Scan# 1146
Delta R.T. -0.032 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Instrument :
MSVOA_N
ClientSampled :

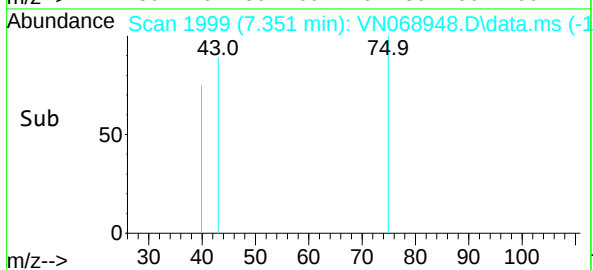
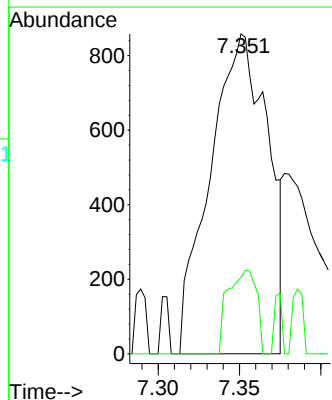
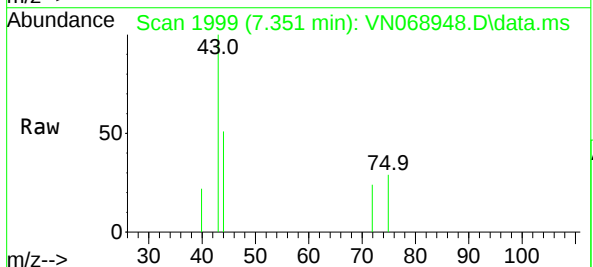


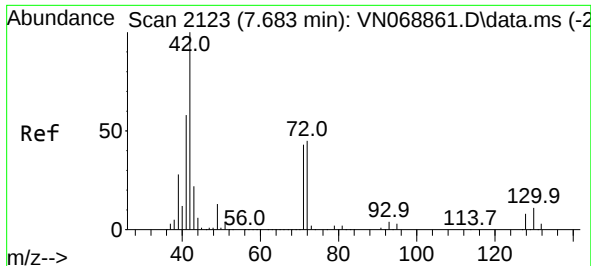
Tgt Ion:	84	Resp:	2562
Ion	Ratio	Lower	Upper
84	100		
49	106.4	97.6	146.4
51	30.1	30.3	45.5#
86	62.4	51.8	77.6



#25
2-Butanone
Concen: 0.851 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.019 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion:	43	Resp:	2121
Ion	Ratio	Lower	Upper
43	100		
72	23.9	21.2	31.8





#29

Tetrahydrofuran

Concen: 0.260 ug/l

RT: 7.697 min Scan# 2128

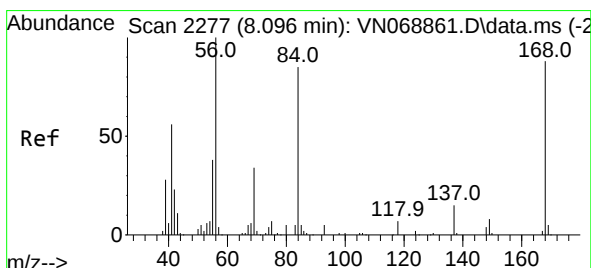
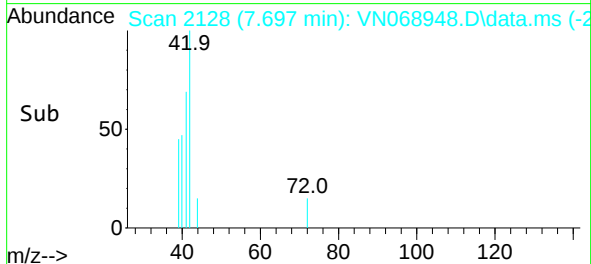
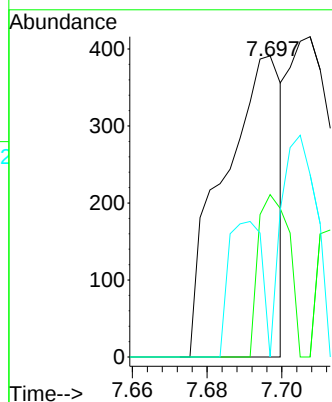
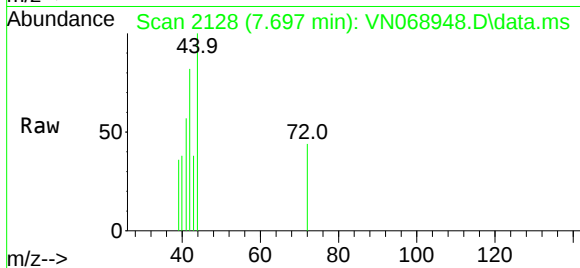
Delta R.T. 0.014 min

Lab File: VN068948.D

Acq: 15 Oct 2021 14:40

Tgt Ion:	42	Resp:	421
Ion	Ratio	Lower	Upper
42	100		
72	28.7	35.4	53.2#
71	25.7	33.8	50.6#

Instrument :
MSVOA_N
ClientSampled :



#31

Cyclohexane

Concen: 1.112 ug/l

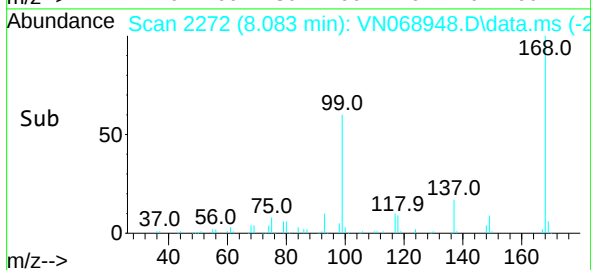
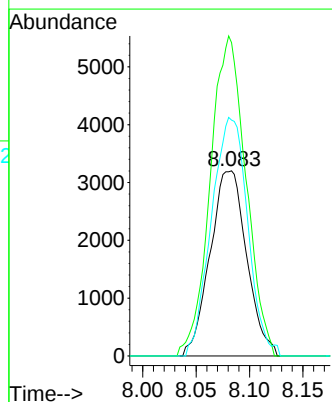
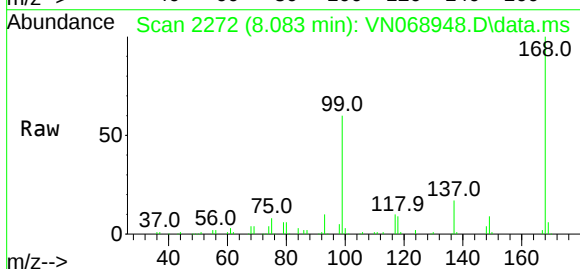
RT: 8.083 min Scan# 2272

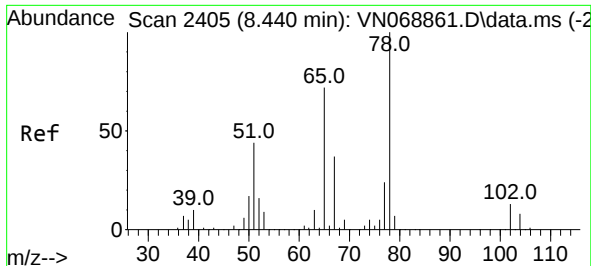
Delta R.T. -0.013 min

Lab File: VN068948.D

Acq: 15 Oct 2021 14:40

Tgt Ion:	56	Resp:	7638
Ion	Ratio	Lower	Upper
56	100		
69	169.3	26.9	40.3#
84	127.4	67.6	101.4#



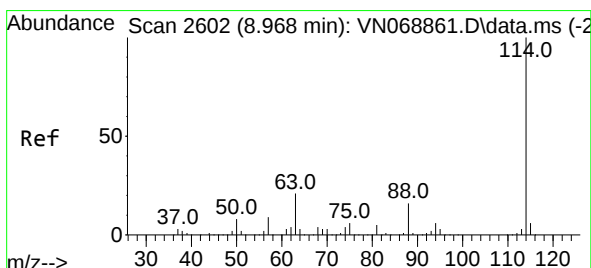
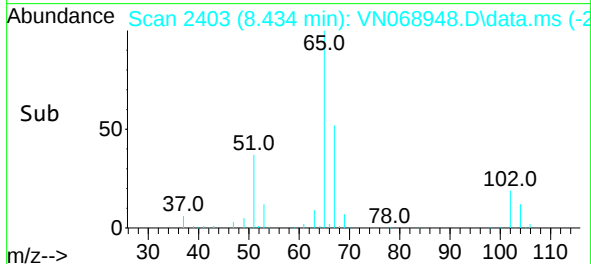
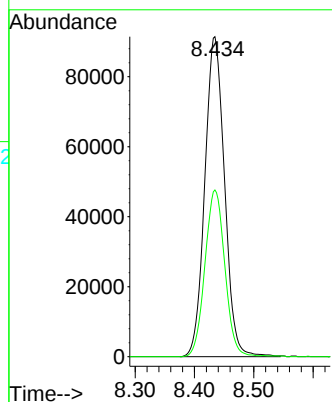
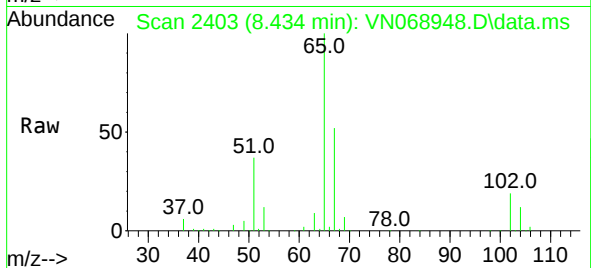


#33

1,2-Dichloroethane-d4
Concen: 47.869 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.005 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Instrument :
MSVOA_N
ClientSampled :

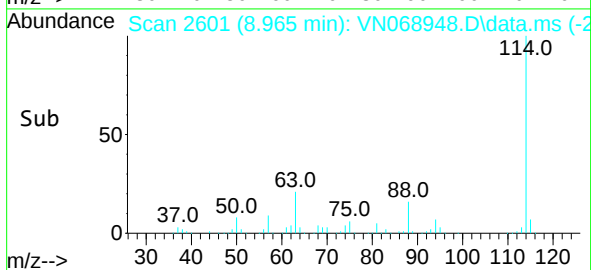
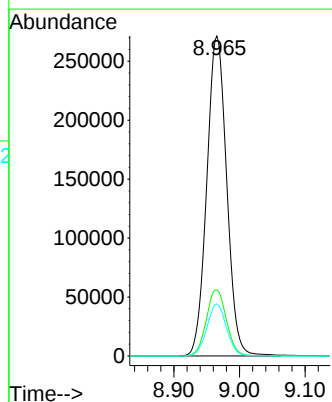
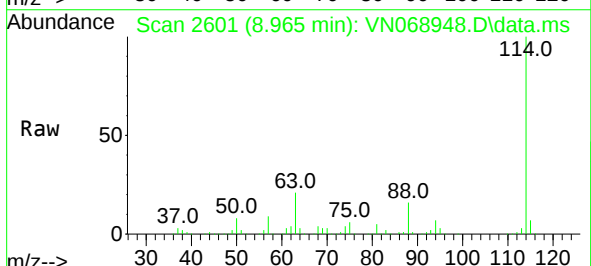
Tgt Ion: 65 Resp: 211425
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.8

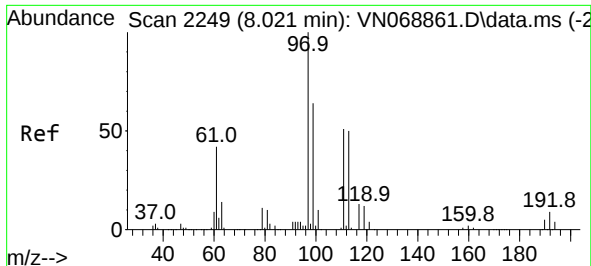


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 114 Resp: 572278
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.299 ug/l

RT: 8.019 min Scan# 2248

Delta R.T. -0.003 min

Lab File: VN068948.D

Acq: 15 Oct 2021 14:40

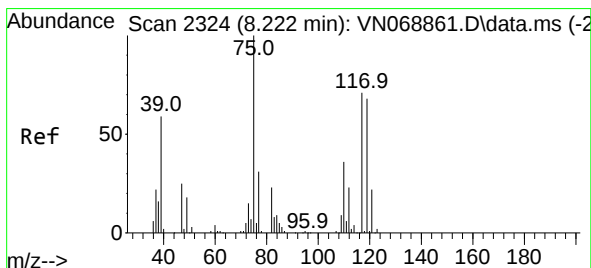
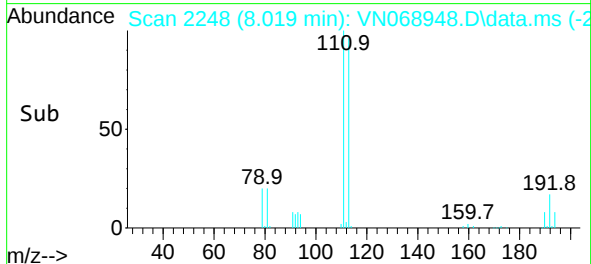
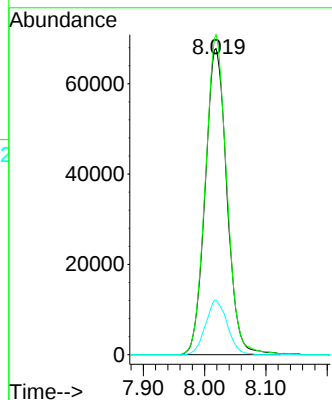
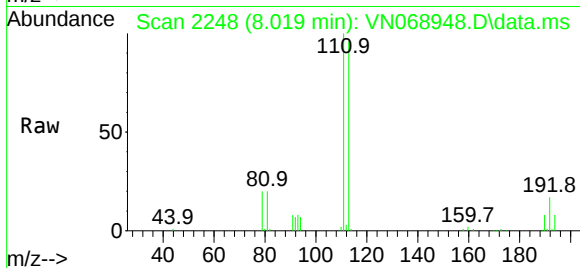
Tgt Ion:113 Resp: 167474

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

192 17.8 15.0 22.4



#36

1,1-Dichloropropene

Concen: 5.632 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.142 min

Lab File: VN068948.D

Acq: 15 Oct 2021 14:40

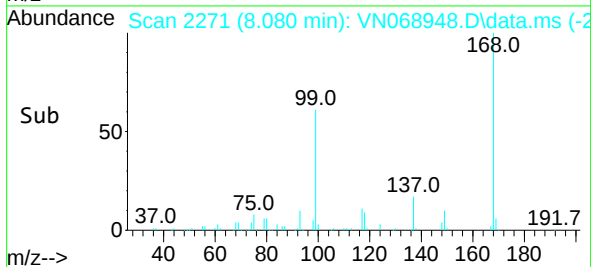
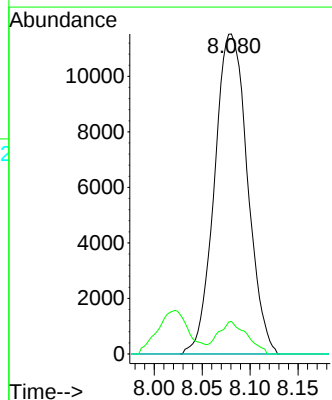
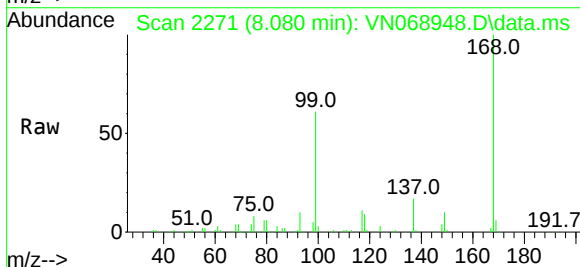
Tgt Ion: 75 Resp: 27528

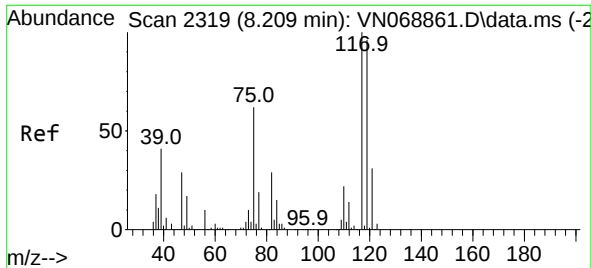
Ion Ratio Lower Upper

75 100

110 9.1 17.9 53.8#

77 0.0 24.7 37.1#

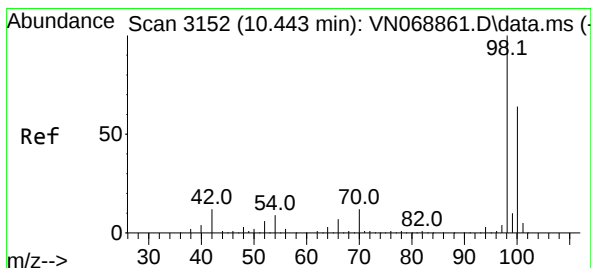
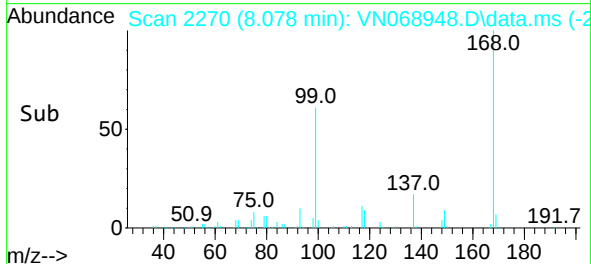
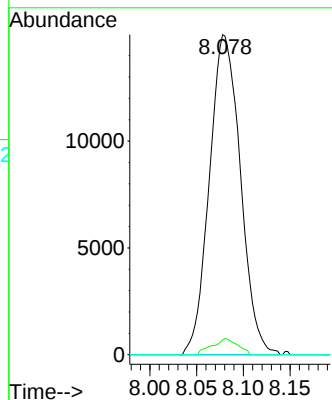
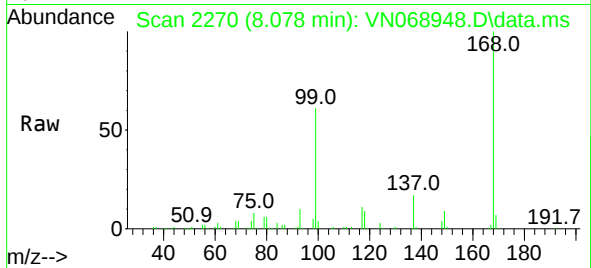




#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.131 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

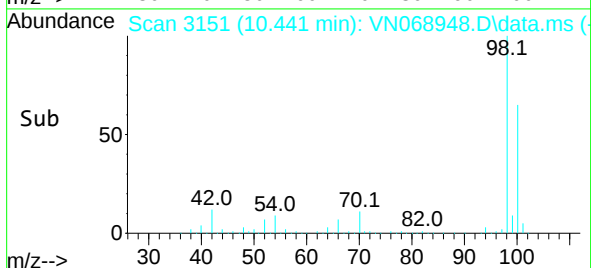
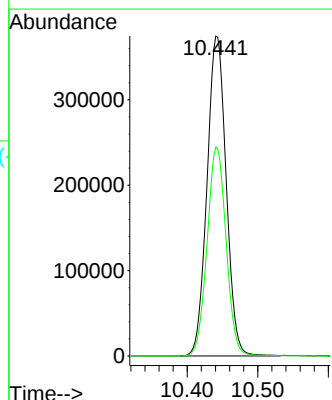
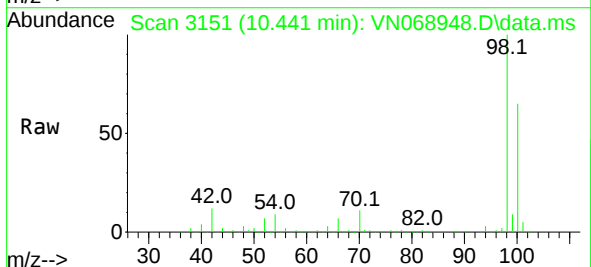
Instrument :
MSVOA_N
ClientSampleId :

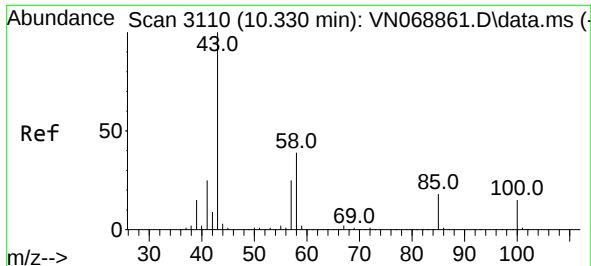
Tgt Ion:117 Resp: 34600
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.105 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 98 Resp: 707477
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

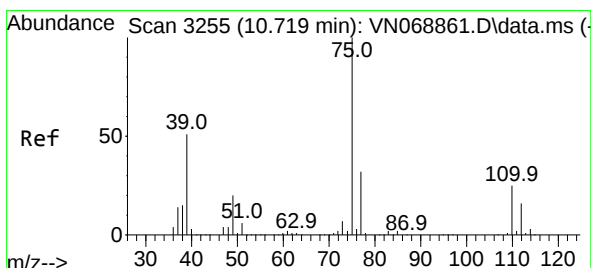
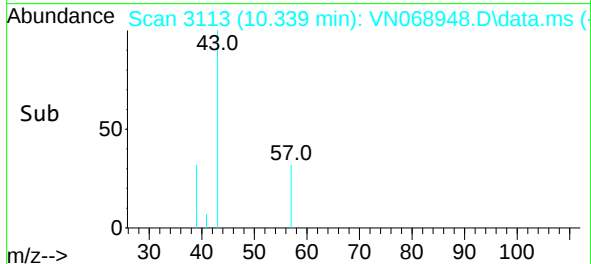
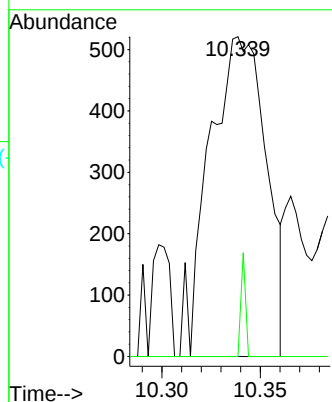
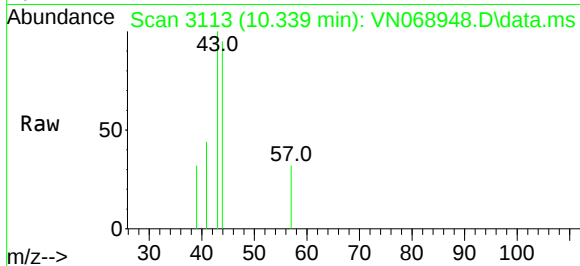




#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 10.339 min Scan# 3113
Delta R.T. 0.008 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

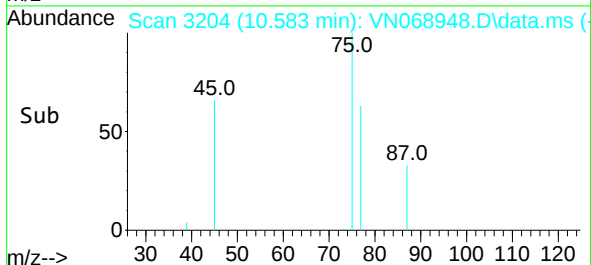
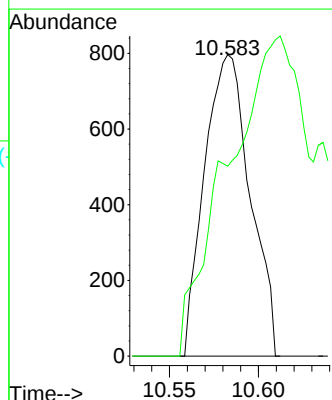
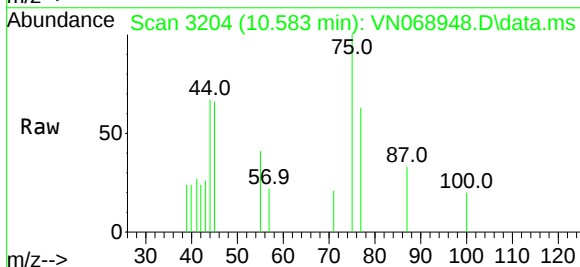
Instrument :
MSVOA_N
ClientSampled :

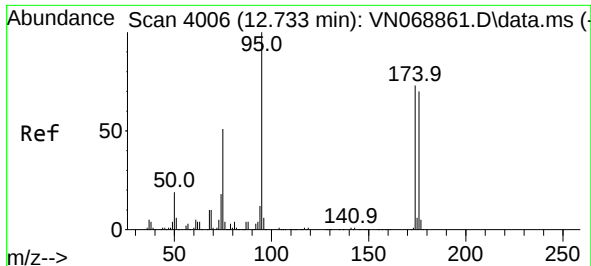
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 0.229 ug/l
RT: 10.583 min Scan# 3204
Delta R.T. -0.137 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 75 Resp: 1420
Ion Ratio Lower Upper
75 100
77 63.0 25.4 38.2#

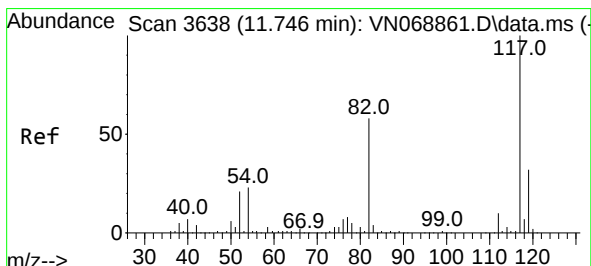
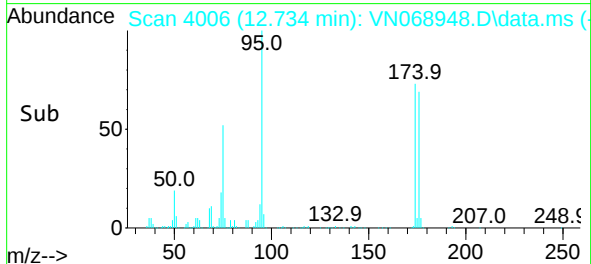
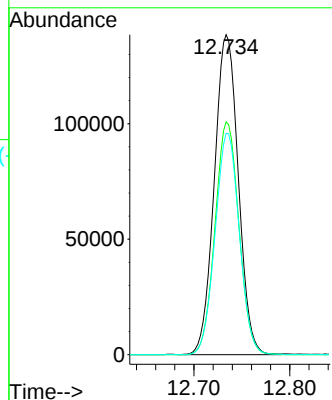
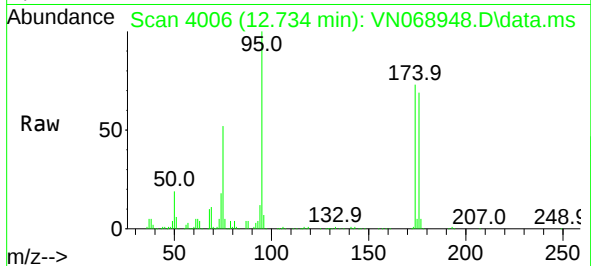




#62
4-Bromofluorobenzene
Concen: 47.861 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

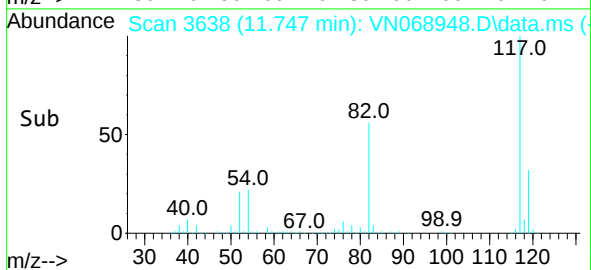
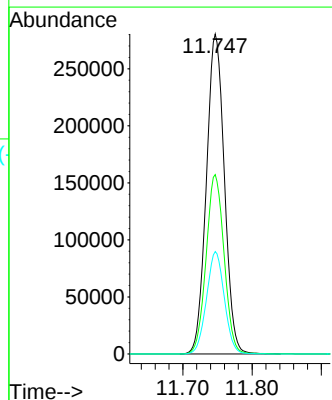
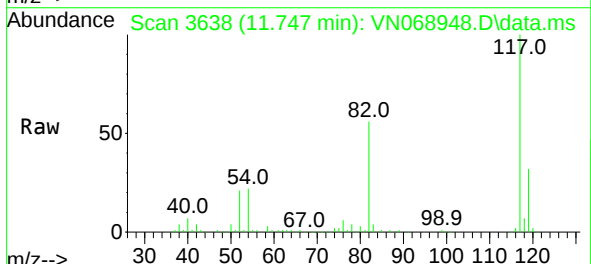
Instrument :
MSVOA_N
ClientSampled :

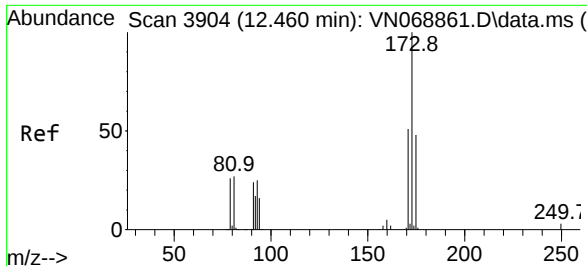
Tgt Ion: 95 Resp: 240565
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.8
176 69.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 117 Resp: 506143
Ion Ratio Lower Upper
117 100
82 56.0 46.4 69.6
119 32.0 26.0 39.0

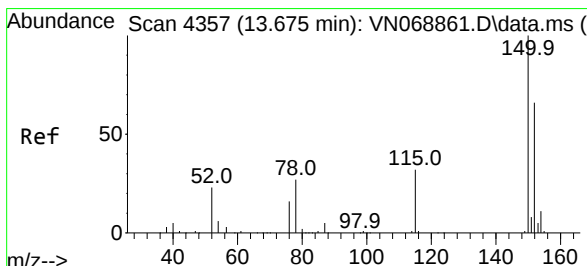
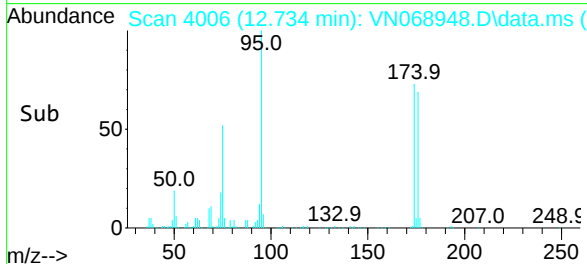
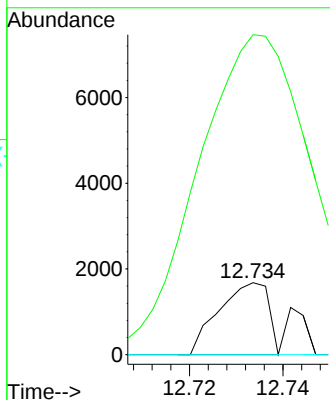
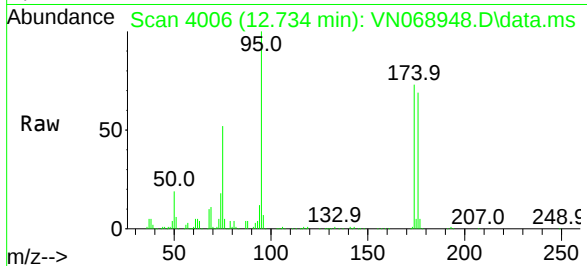




#71
Bromoform
Concen: 0.413 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

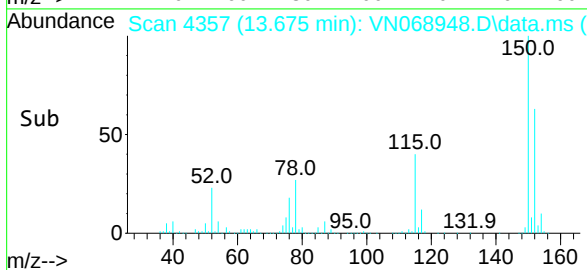
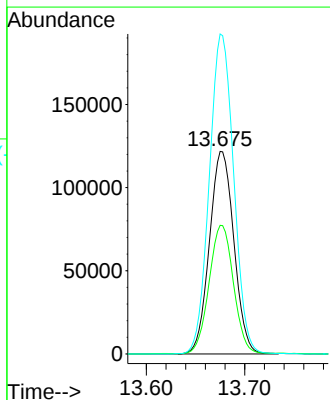
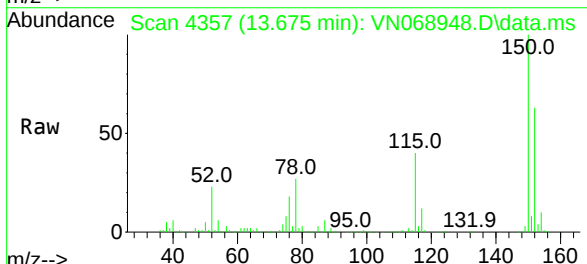
Instrument :
MSVOA_N
ClientSampleId :

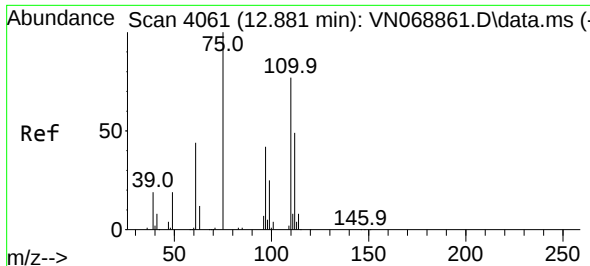
Tgt Ion:173 Resp: 1239
Ion Ratio Lower Upper
173 100
175 969.8 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.000 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion:152 Resp: 210947
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.3
150 157.6 0.0 351.0

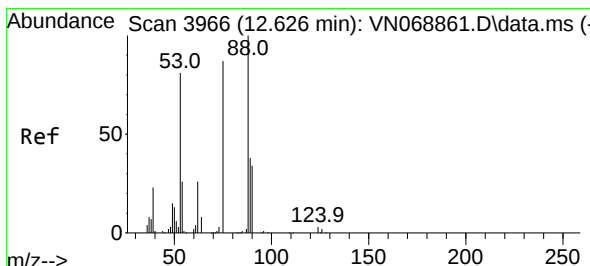
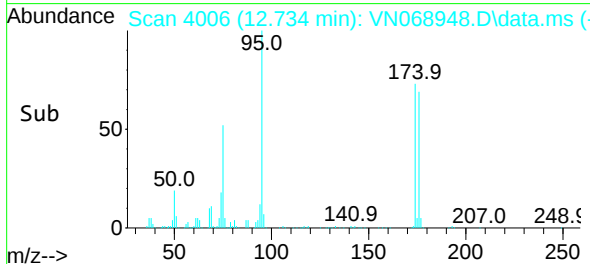
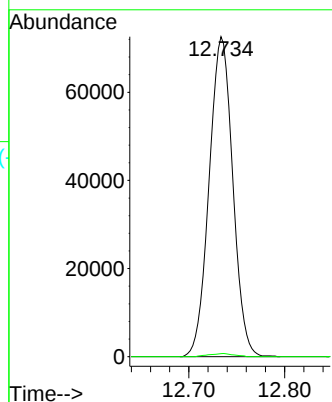
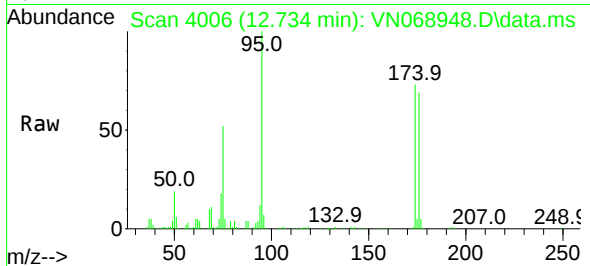




#76
1,2,3-Trichloropropane
Concen: 27.687 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

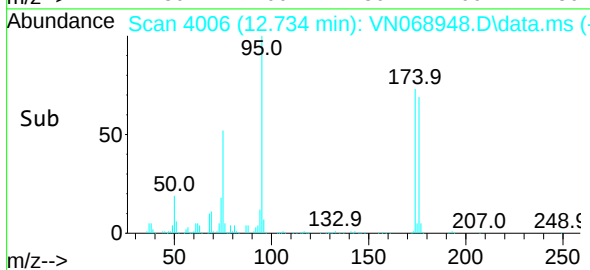
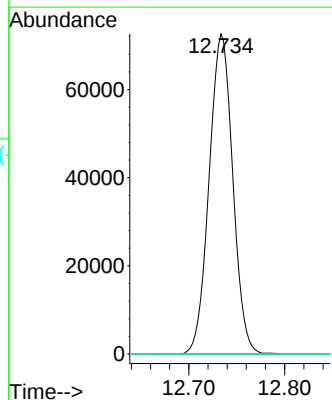
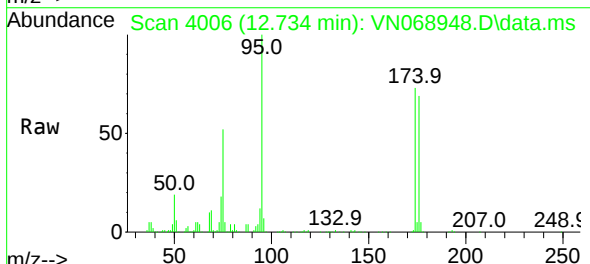
Instrument :
MSVOA_N
ClientSampleId :

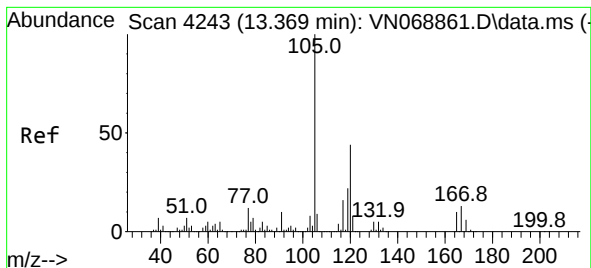
Tgt Ion: 75 Resp: 124267
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.238 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 75 Resp: 124267
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: 0.340 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. 0.000 min

Lab File: VN068948.D

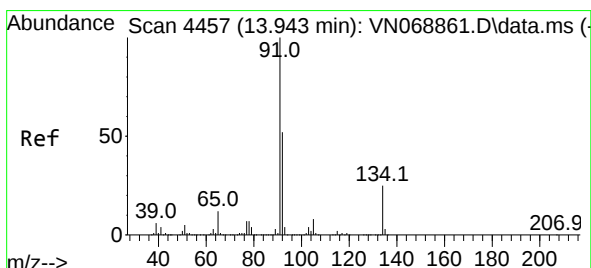
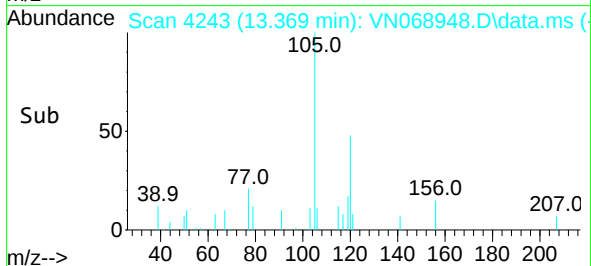
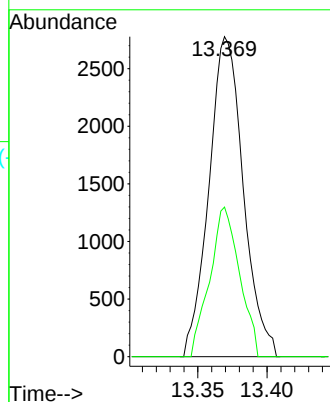
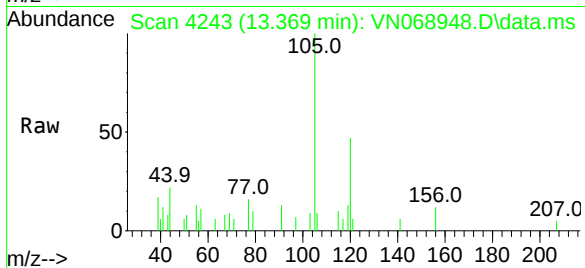
Acq: 15 Oct 2021 14:40

Tgt Ion:105 Resp: 4790

Ion Ratio Lower Upper

105 100

120 40.5 21.9 65.5



#89

n-Butylbenzene

Concen: 0.272 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN068948.D

Acq: 15 Oct 2021 14:40

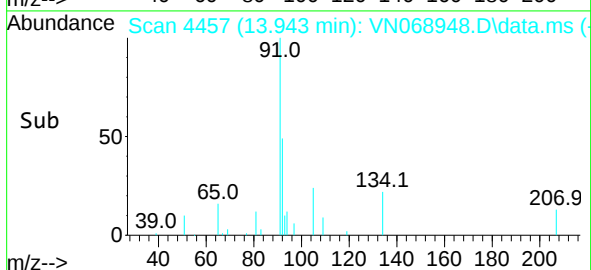
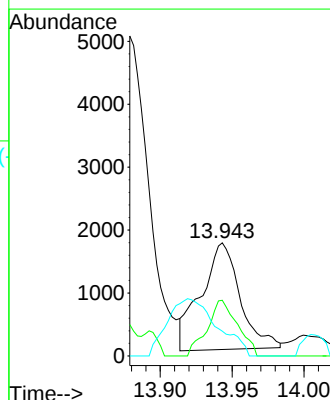
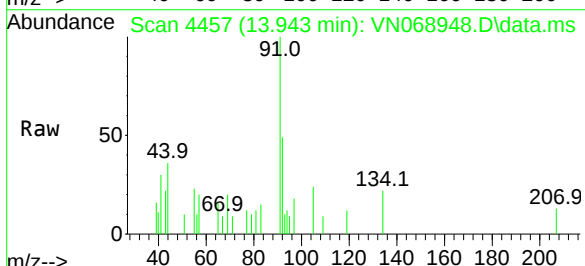
Tgt Ion: 91 Resp: 3204

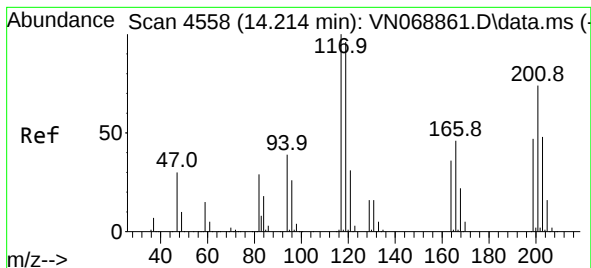
Ion Ratio Lower Upper

91 100

92 40.4 26.0 78.0

134 0.0 12.5 37.5#

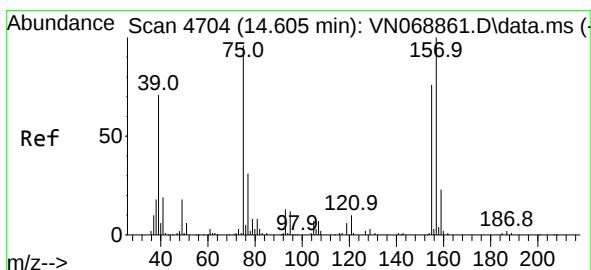
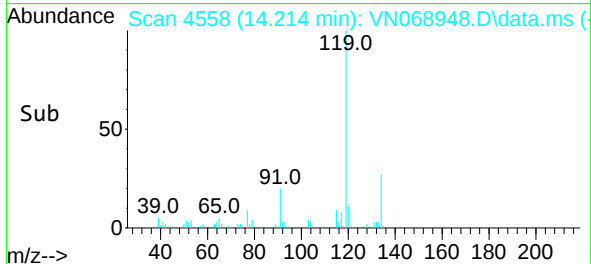
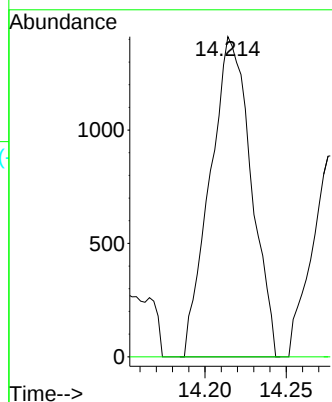
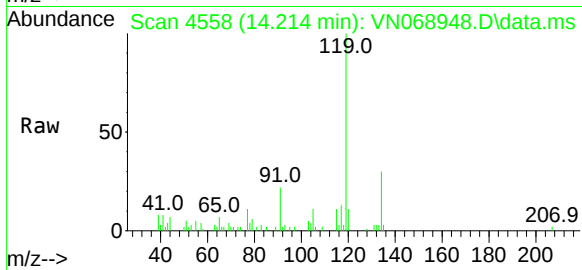




#90
Hexachloroethane
Concen: 0.836 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. 0.000 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

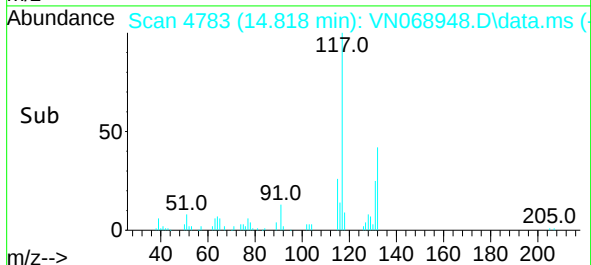
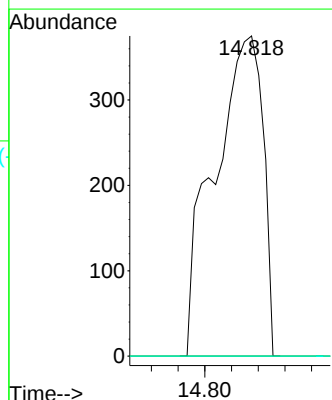
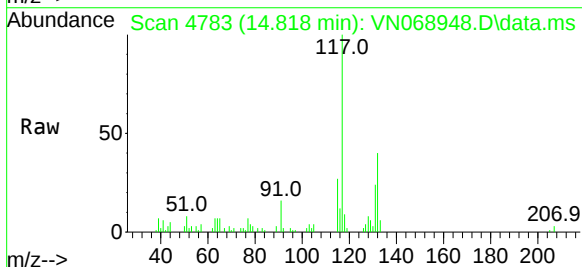
Instrument :
MSVOA_N
ClientSampled :

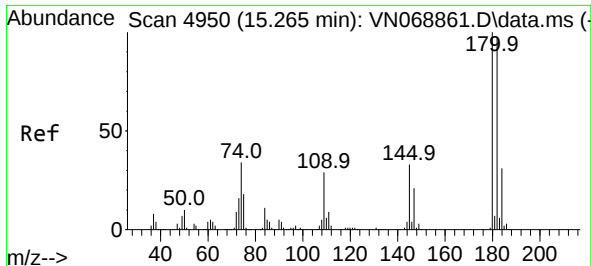
Tgt Ion:117 Resp: 2483
Ion Ratio Lower Upper
117 100
201 0.0 37.1 111.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.488 ug/l
RT: 14.818 min Scan# 4783
Delta R.T. 0.212 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
155 0.0 38.8 116.4#
157 0.0 50.2 150.6#

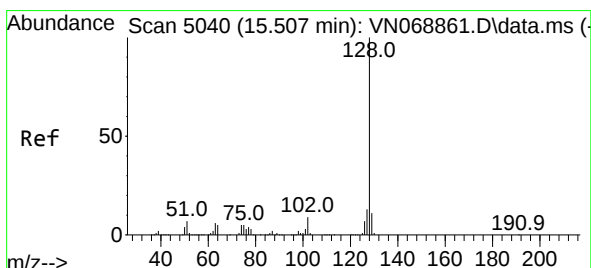
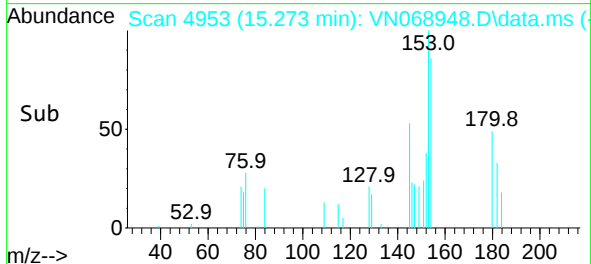
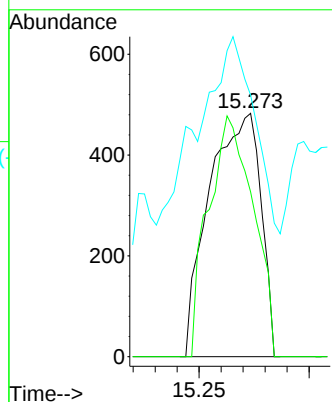
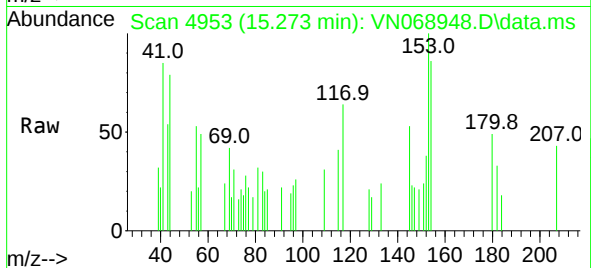




#93
1,2,4-Trichlorobenzene
Concen: 2.811 ug/l
RT: 15.273 min Scan# 4953
Delta R.T. 0.008 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

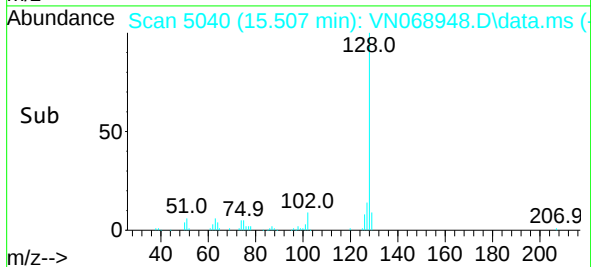
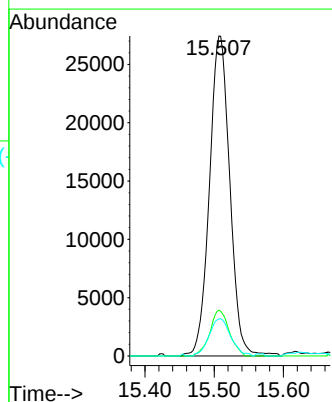
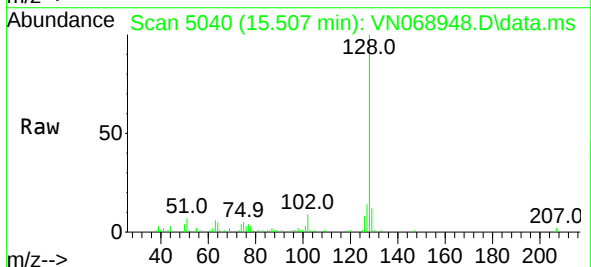
Instrument :
MSVOA_N
ClientSampled :

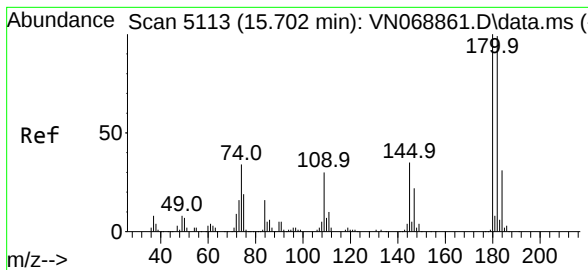
Tgt Ion:180 Resp: 784
Ion Ratio Lower Upper
180 100
182 86.4 47.9 143.7
145 147.2 16.4 49.2#



#95
Naphthalene
Concen: 9.102 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068948.D
Acq: 15 Oct 2021 14:40

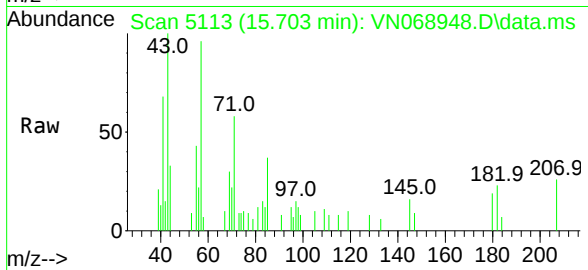
Tgt Ion:128 Resp: 56069
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 12.3 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.657 ug/l
 RT: 15.703 min Scan# 5113
 Delta R.T. 0.001 min
 Lab File: VN068948.D
 Acq: 15 Oct 2021 14:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 507
 Ion Ratio Lower Upper
 180 100
 182 232.1 48.1 144.3#
 145 137.9 17.4 52.2#

