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 Data File : VN069186.D
 Acq On : 26 Oct 2021 15:29
 Operator : JC/MD
 Sample : M4337-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

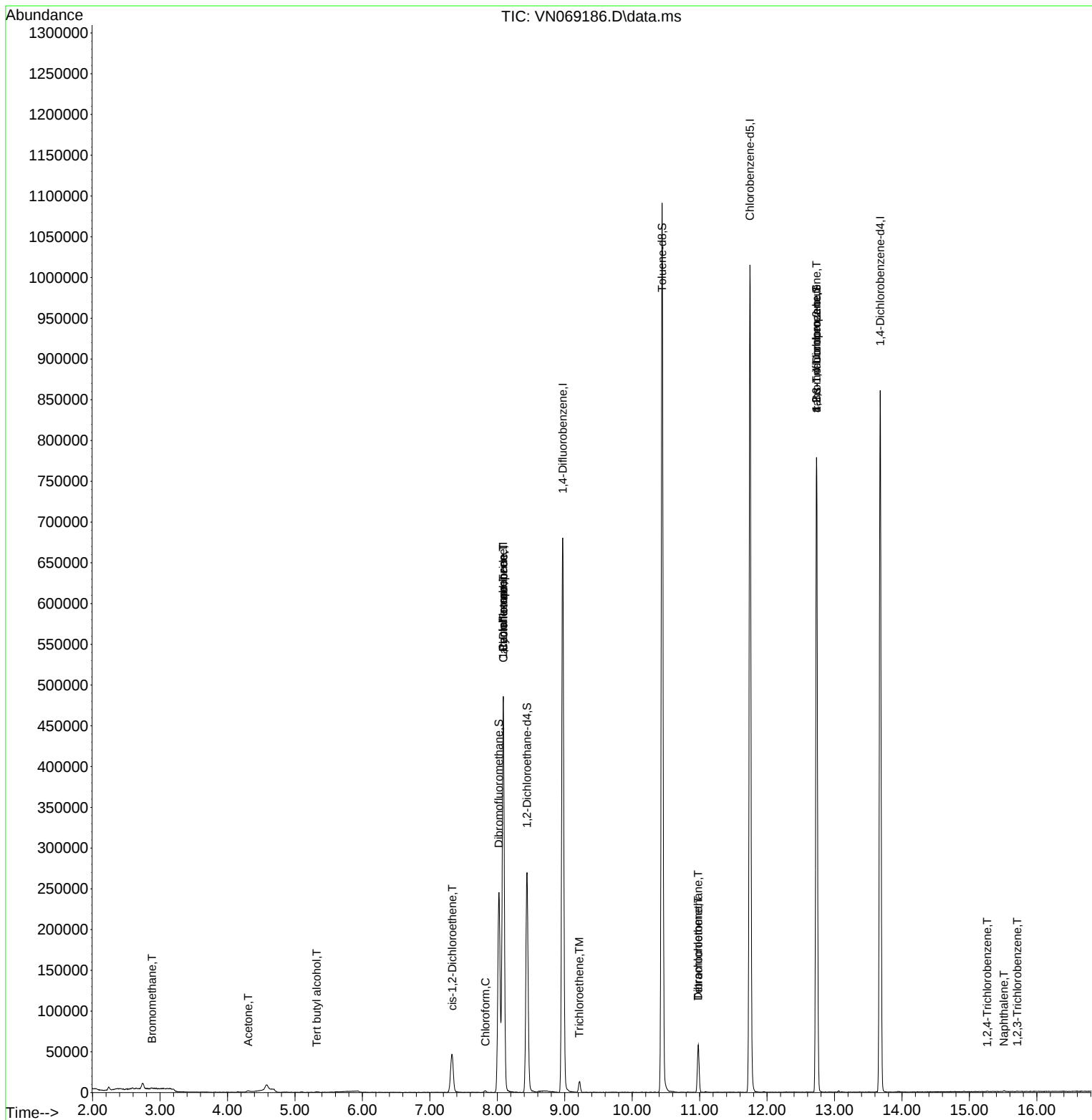
Instrument :
 MSVOA_N
 ClientSampleId :

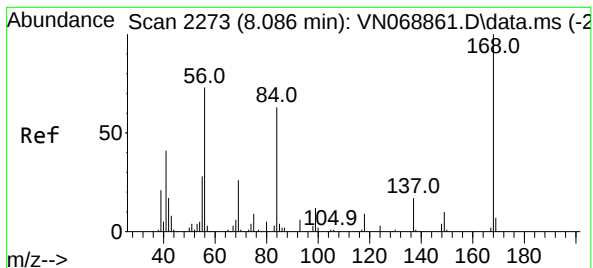
Quant Time: Oct 27 06:55:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	358952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	621420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	598449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	230145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232193	49.062	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.120%	
35) Dibromofluoromethane	8.024	113	181963	50.329	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.660%	
50) Toluene-d8	10.443	98	774817	53.561	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	107.120%	
62) 4-Bromofluorobenzene	12.733	95	284433	52.114	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	104.220%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.880	94	948	0.387	ug/l	98
11) Tert butyl alcohol	5.323	59	382	0.442	ug/l #	72
16) Acetone	4.307	43	2568	1.454	ug/l #	88
27) cis-1,2-Dichloroethene	7.332	96	26213	5.787	ug/l	90
30) Chloroform	7.825	83	2334	0.315	ug/l	91
31) Cyclohexane	8.088	56	8259	1.122	ug/l #	9
36) 1,1-Dichloropropene	8.086	75	29357	5.531	ug/l #	50
38) Carbon Tetrachloride	8.091	117	37537	6.439	ug/l #	16
44) Trichloroethene	9.215	130	5255	1.299	ug/l	90
60) Dibromochloromethane	10.979	129	13319	2.878	ug/l #	10
64) Tetrachloroethene	10.979	164	13195	3.423	ug/l	95
76) 1,2,3-Trichloropropane	12.733	75	148394	30.304	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	148394	72.501	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	229	2.658	ug/l #	56
95) Naphthalene	15.512	128	1690	3.958	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.708	180	320	2.596	ug/l #	32

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

Quant Time: Oct 27 06:55:42 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: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN069186.D

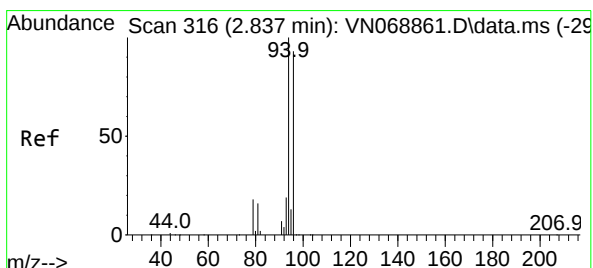
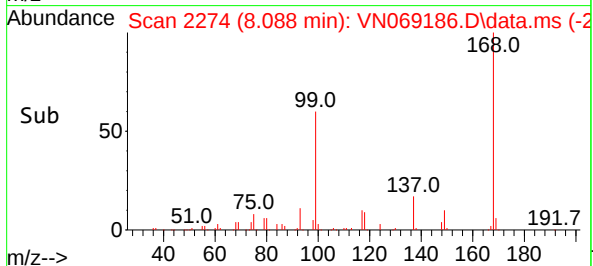
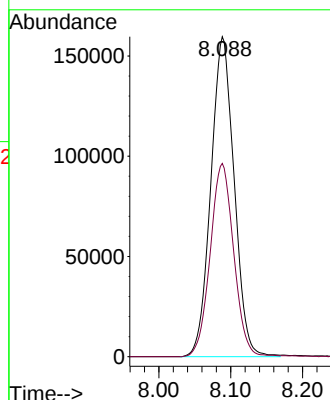
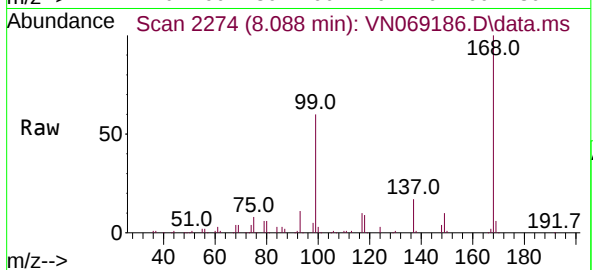
Acq: 26 Oct 2021 15:29

Tgt Ion:168 Resp: 358952

Ion Ratio Lower Upper

168 100

99 60.4 48.9 73.3



#5

Bromomethane

Concen: 0.387 ug/l

RT: 2.880 min Scan# 332

Delta R.T. 0.043 min

Lab File: VN069186.D

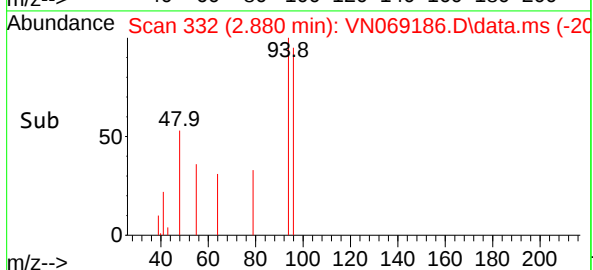
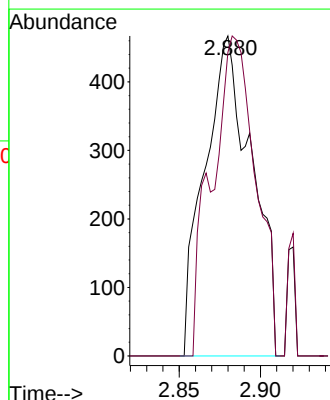
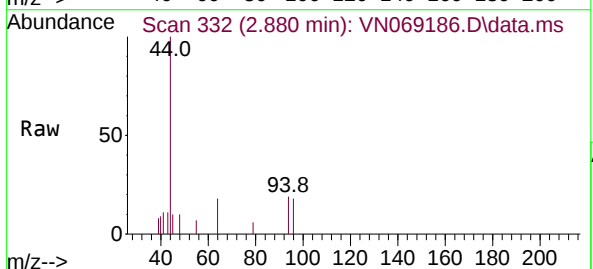
Acq: 26 Oct 2021 15:29

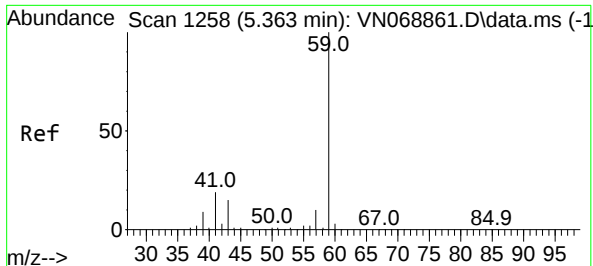
Tgt Ion: 94 Resp: 948

Ion Ratio Lower Upper

94 100

96 94.9 74.2 111.4



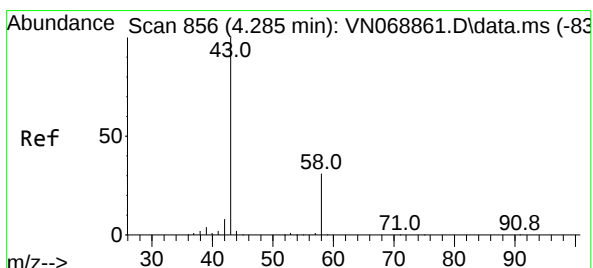
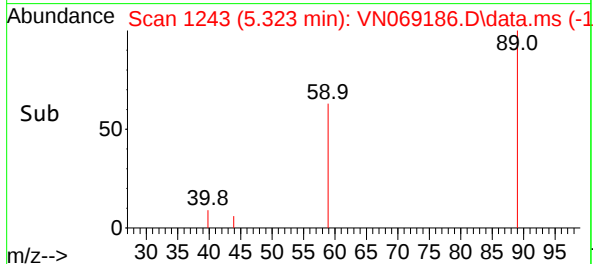
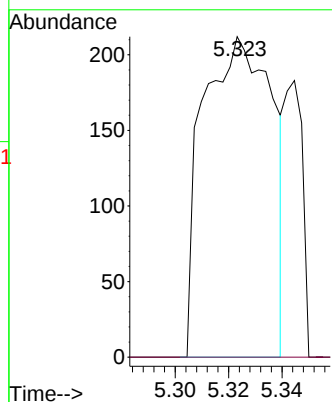
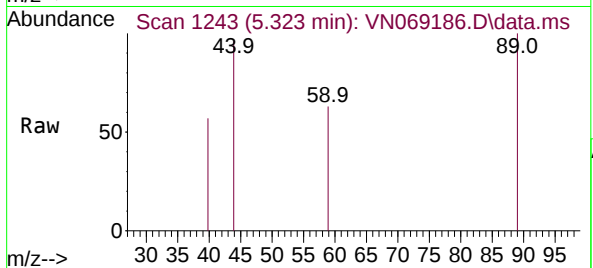


#11

Tert butyl alcohol
Concen: 0.442 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.040 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Instrument :
MSVOA_N
ClientSampled :

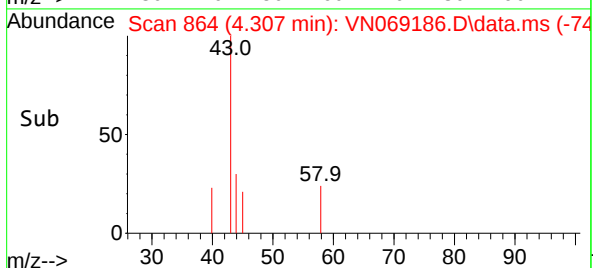
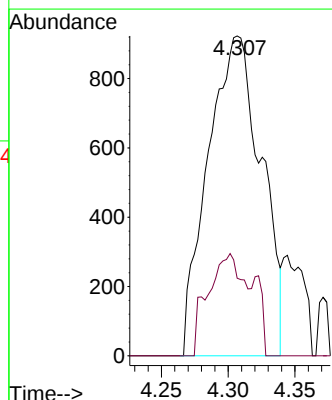
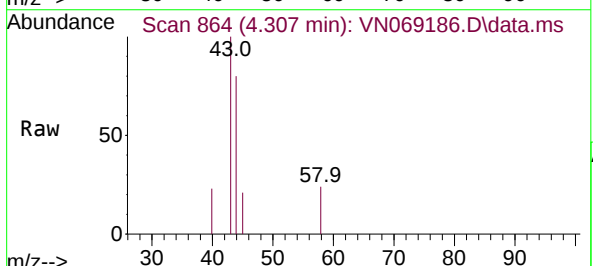
Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

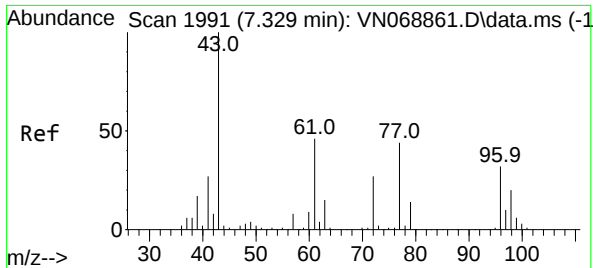


#16

Acetone
Concen: 1.454 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 43 Resp: 2568
Ion Ratio Lower Upper
43 100
58 24.3 24.5 36.7#



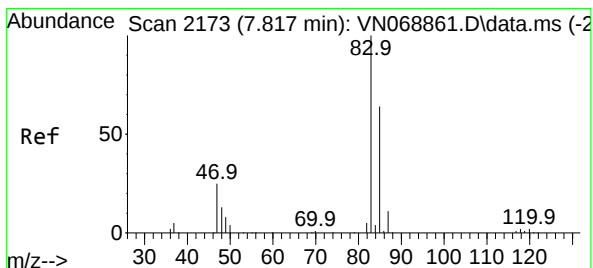
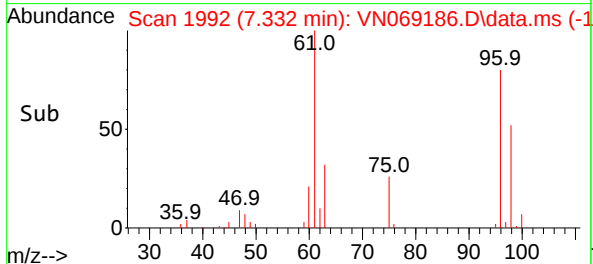
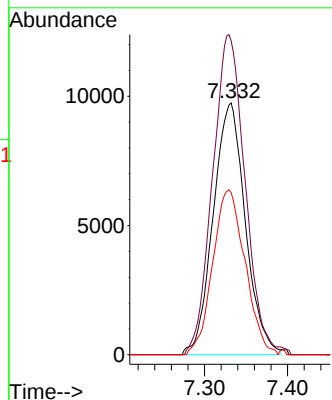
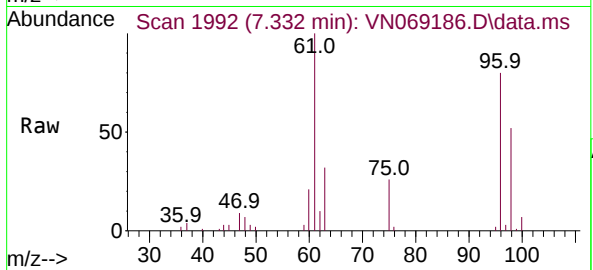


#27

cis-1,2-Dichloroethene
Concen: 5.787 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Instrument :
MSVOA_N
ClientSampled :

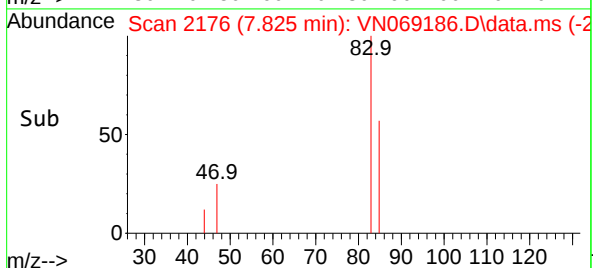
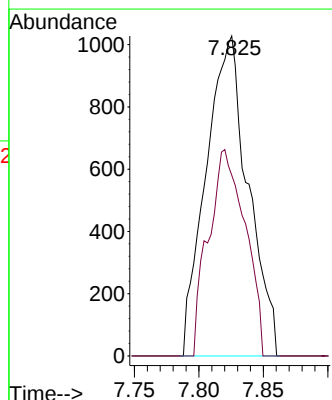
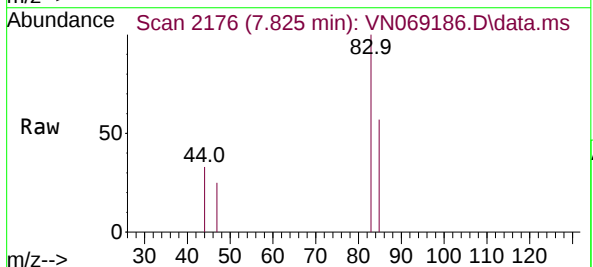
Tgt Ion: 96 Resp: 26213
Ion Ratio Lower Upper
96 100
61 128.6 0.0 290.6
98 65.8 0.0 127.2

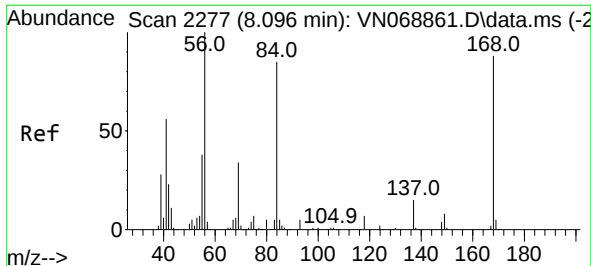


#30

Chloroform
Concen: 0.315 ug/l
RT: 7.825 min Scan# 2176
Delta R.T. 0.008 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 83 Resp: 2334
Ion Ratio Lower Upper
83 100
85 56.5 51.1 76.7

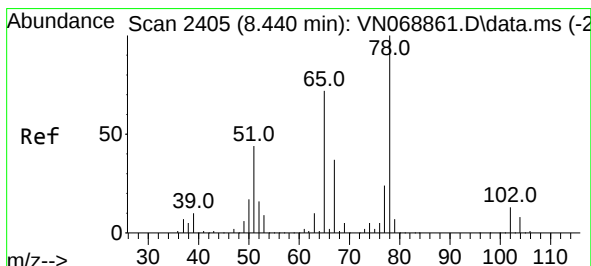
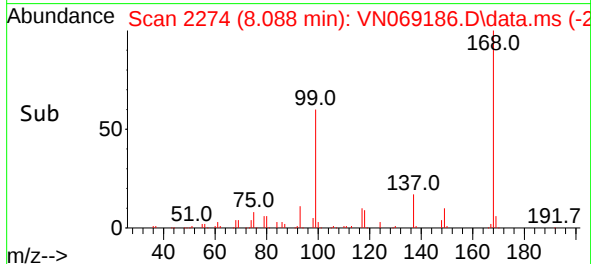
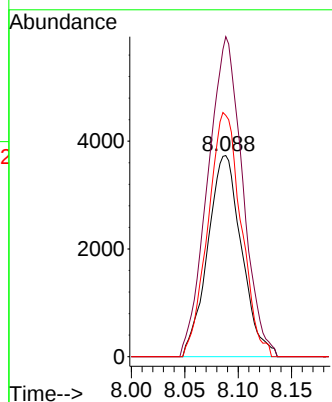
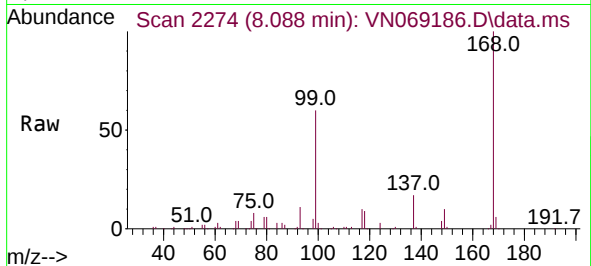




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

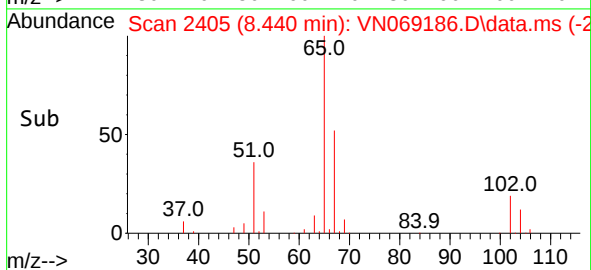
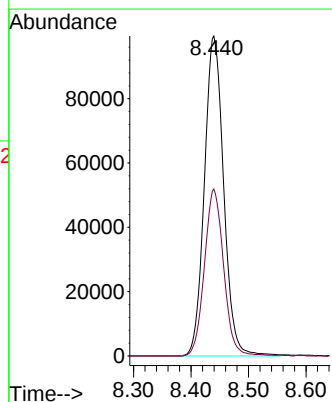
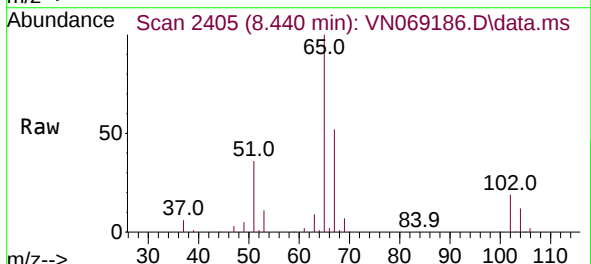
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 56 Resp: 8259
Ion Ratio Lower Upper
56 100
69 159.1 26.9 40.3#
84 120.0 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.062 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 65 Resp: 232193
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

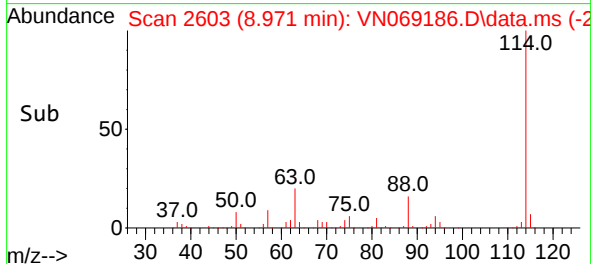
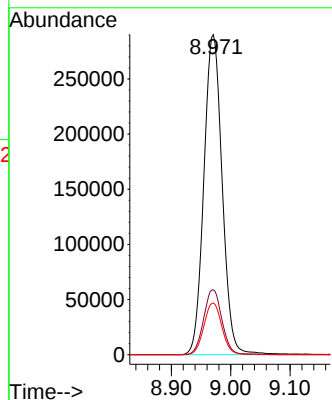
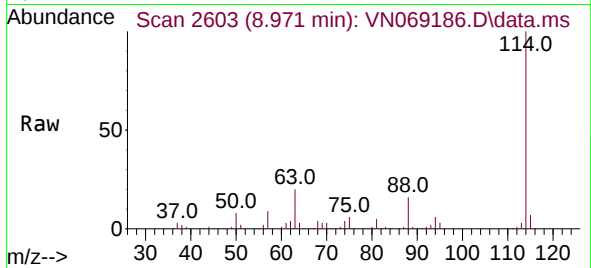




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

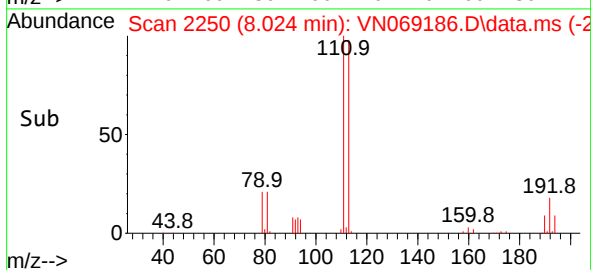
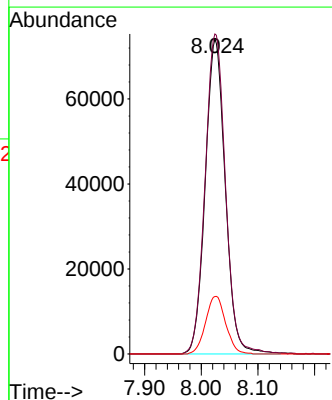
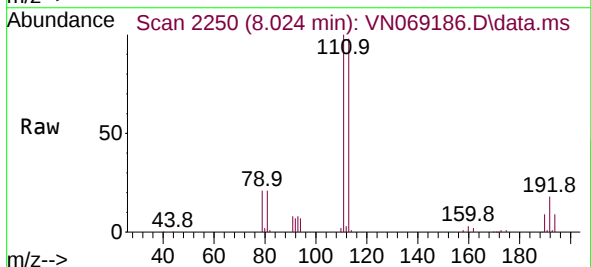
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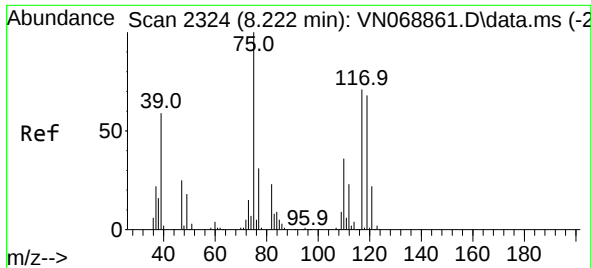
Tgt Ion:114 Resp: 621420
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.6
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.329 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion:113 Resp: 181963
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 18.4 15.0 22.4

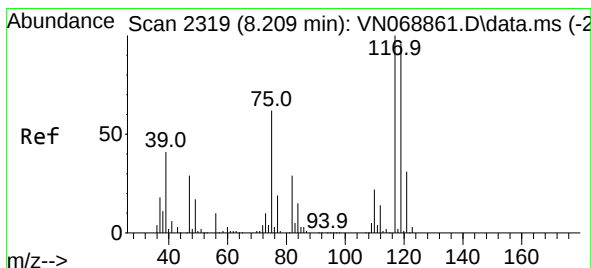
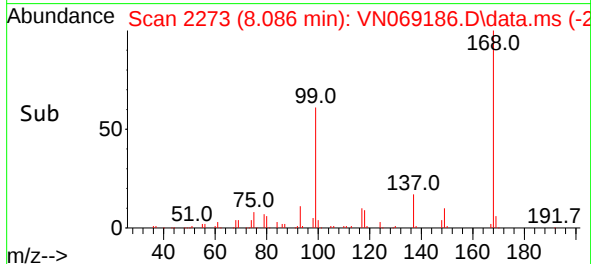
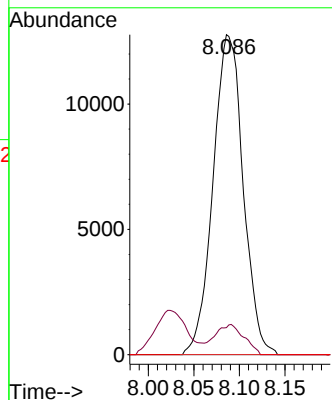
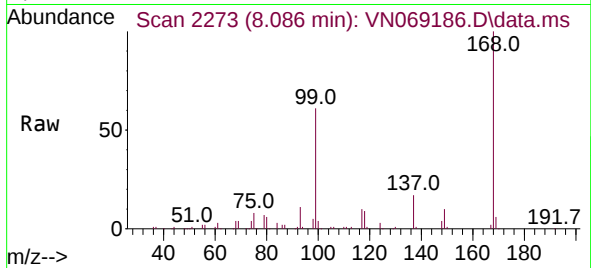




#36
1,1-Dichloropropene
Concen: 5.531 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

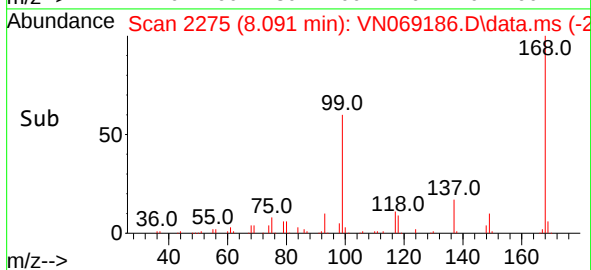
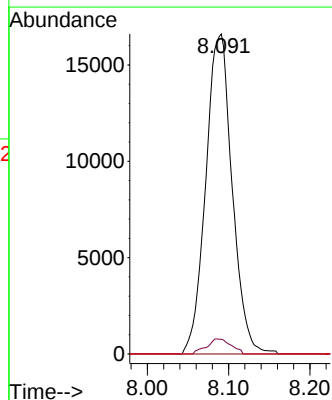
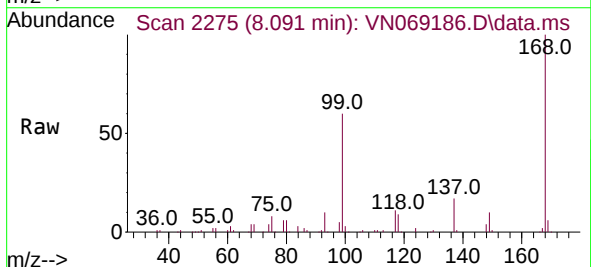
Instrument :
MSVOA_N
ClientSampled :

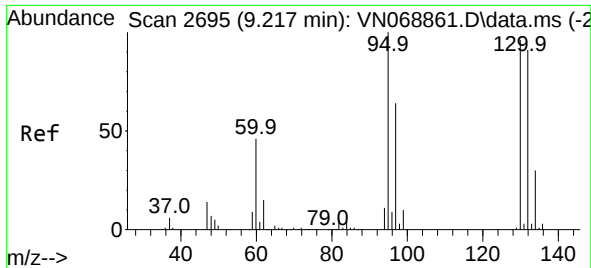
Tgt Ion: 75 Resp: 29357
Ion Ratio Lower Upper
75 100
110 9.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.118 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 117 Resp: 37537
Ion Ratio Lower Upper
117 100
119 4.6 76.9 115.3#
121 0.0 24.6 37.0#

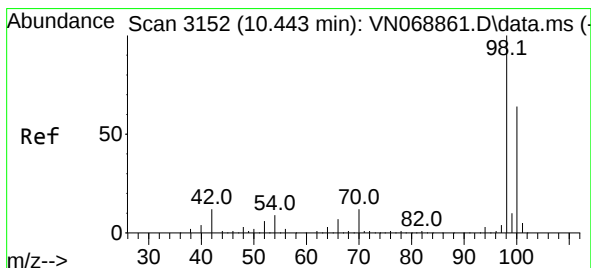
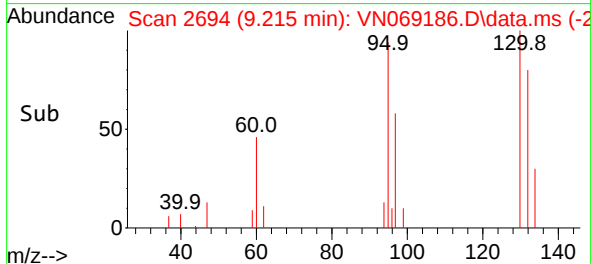
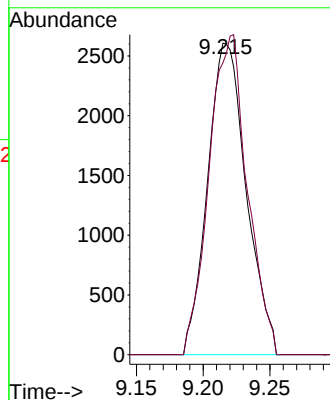
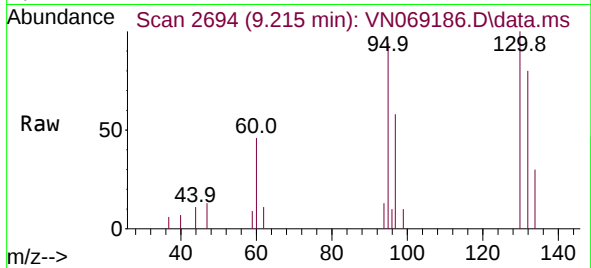




#44
Trichloroethene
Concen: 1.299 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

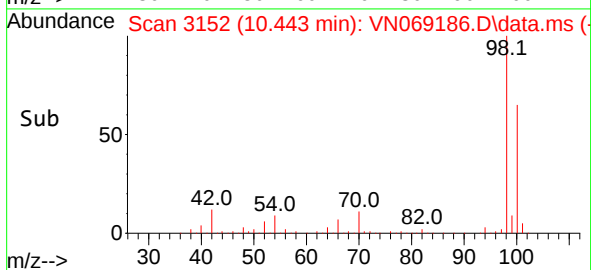
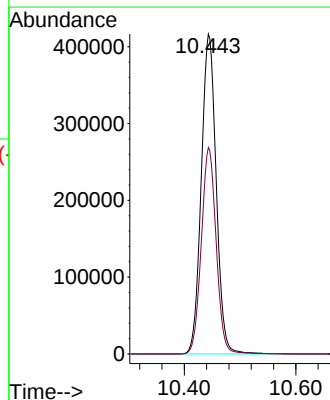
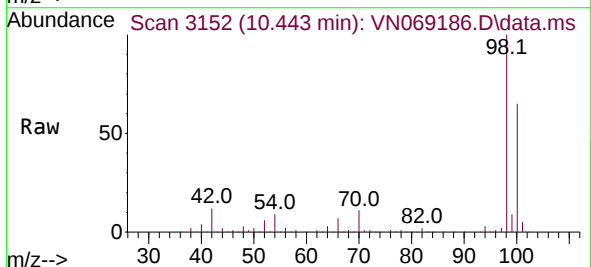
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MSVOA_N
ClientSampled :

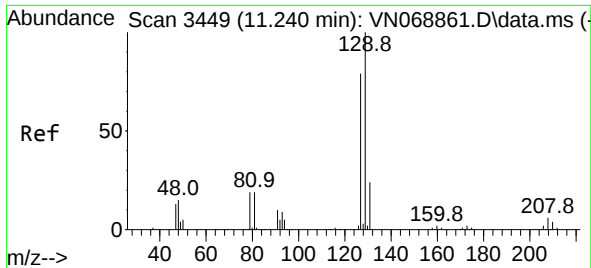
Tgt Ion:130 Resp: 5255
Ion Ratio Lower Upper
130 100
95 93.7 0.0 208.0



#50
Toluene-d8
Concen: 53.561 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 98 Resp: 774817
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

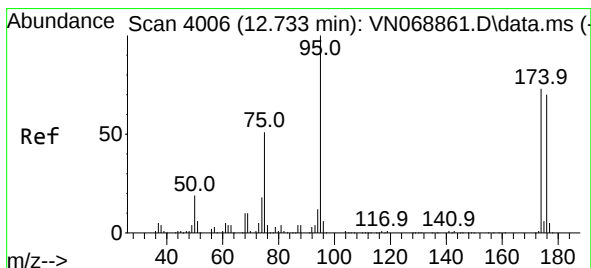
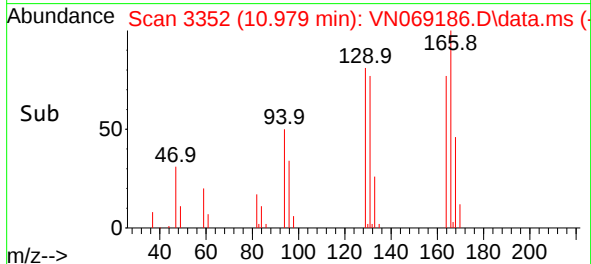
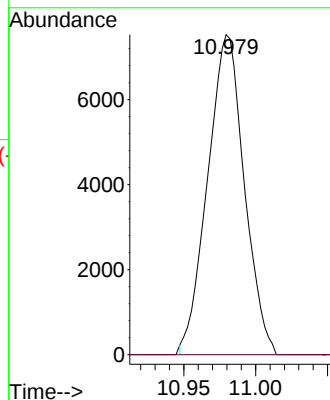
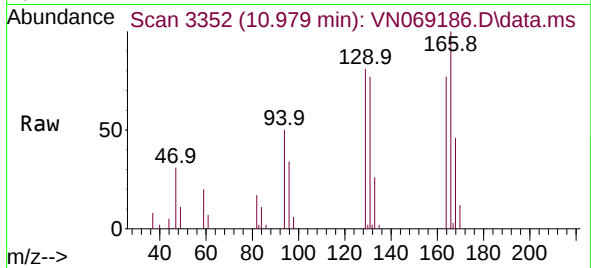




#60
Dibromochloromethane
Concen: 2.878 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

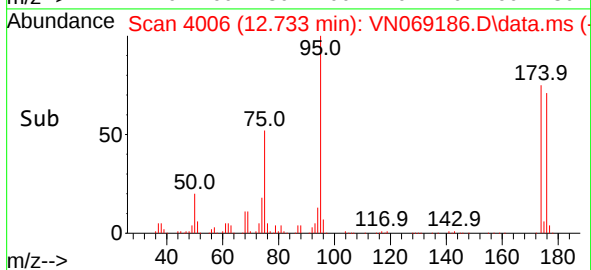
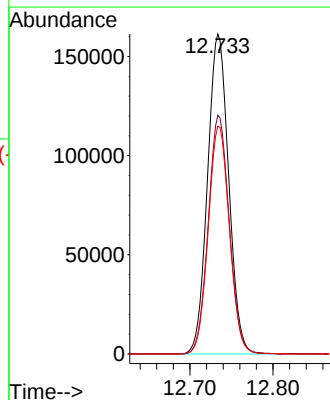
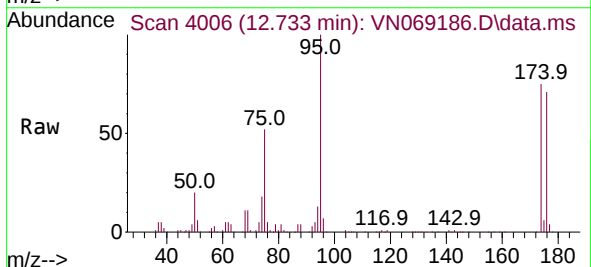
Instrument :
MSVOA_N
ClientSampled :

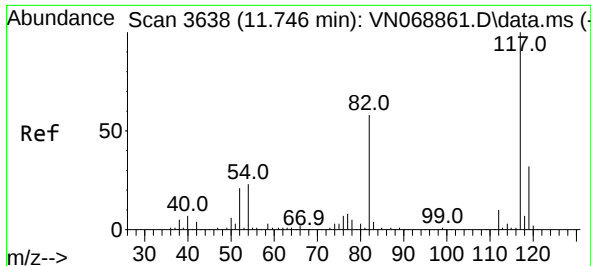
Tgt Ion:129 Resp: 13319
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 52.114 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion: 95 Resp: 284433
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 71.3 0.0 140.0

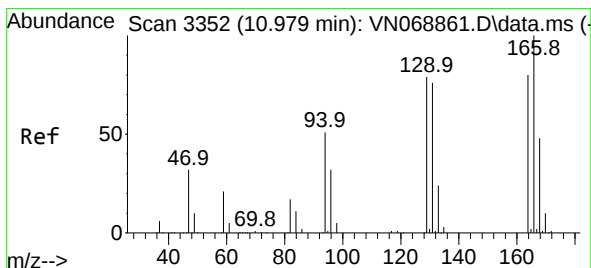
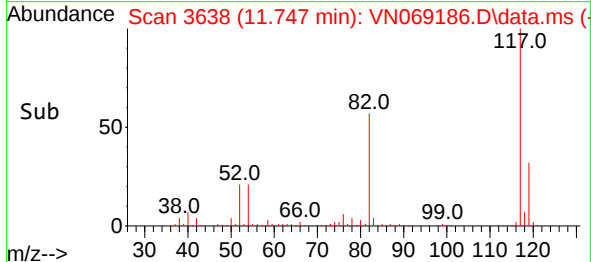
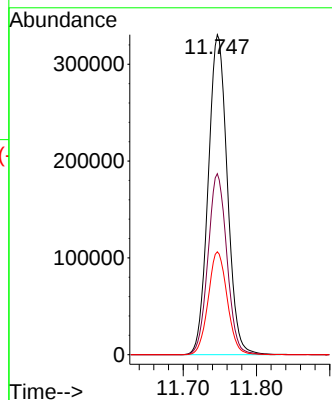
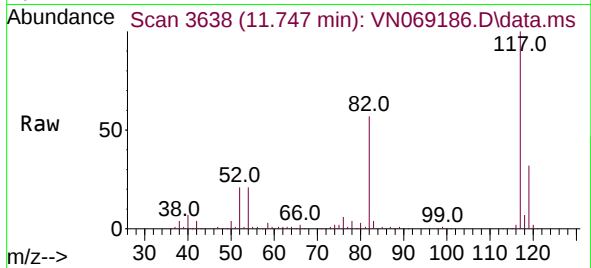




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

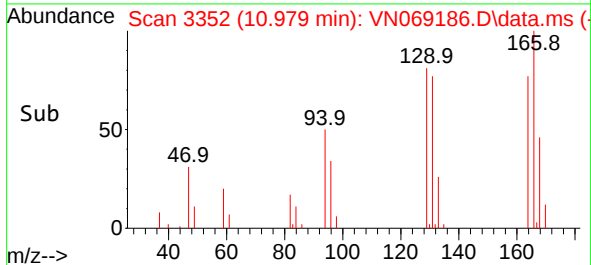
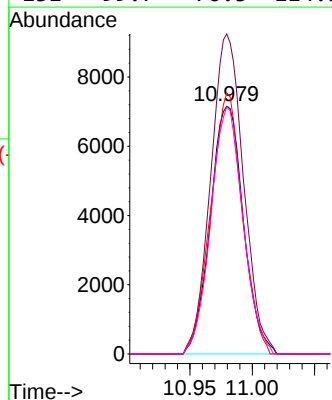
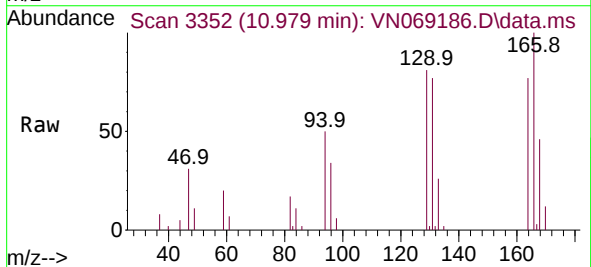
Instrument :
MSVOA_N
ClientSampled :

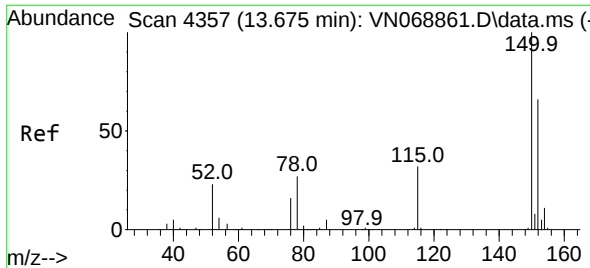
Tgt Ion:117 Resp: 598449
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 3.423 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

Tgt Ion:164 Resp: 13195
Ion Ratio Lower Upper
164 100
166 129.2 99.8 149.8
129 105.2 79.2 118.8
131 99.7 76.3 114.5

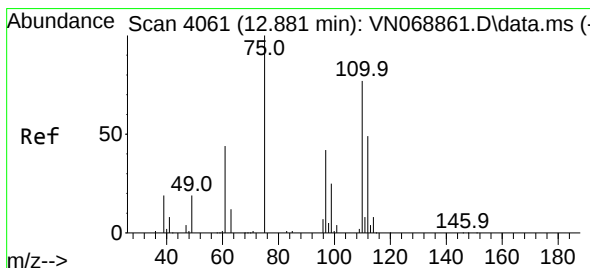
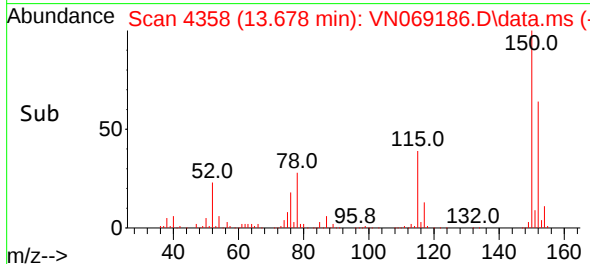
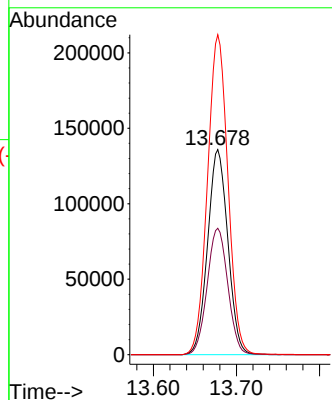
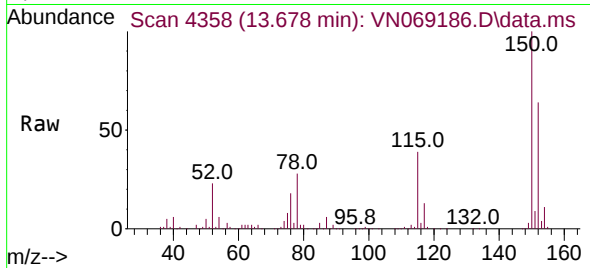




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069186.D
 Acq: 26 Oct 2021 15:29

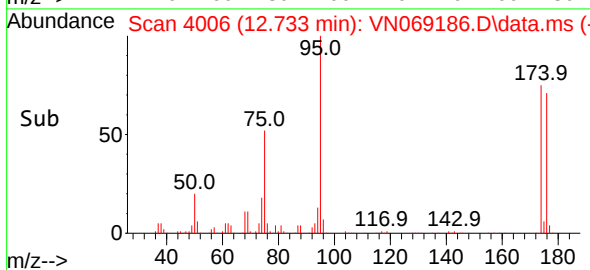
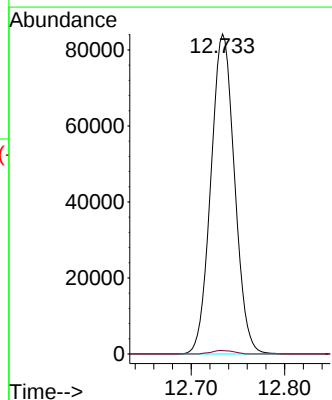
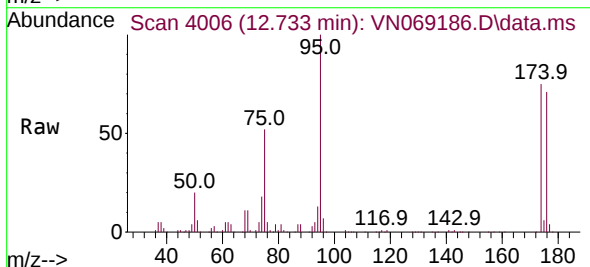
Instrument :
 MSVOA_N
 ClientSampled :

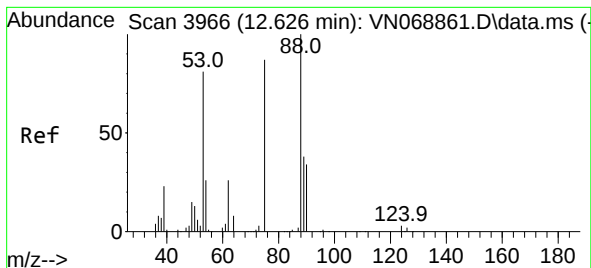
Tgt Ion:152 Resp: 230145
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.4 94.3
 150 157.2 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.304 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069186.D
 Acq: 26 Oct 2021 15:29

Tgt Ion: 75 Resp: 148394
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

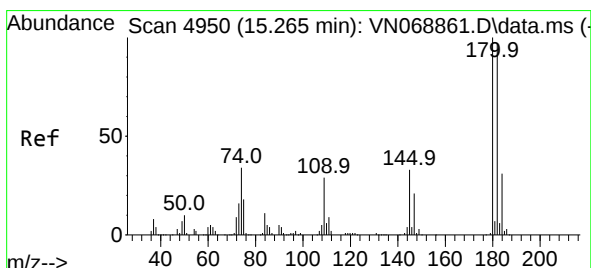
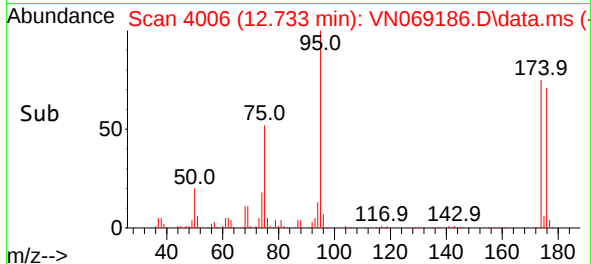
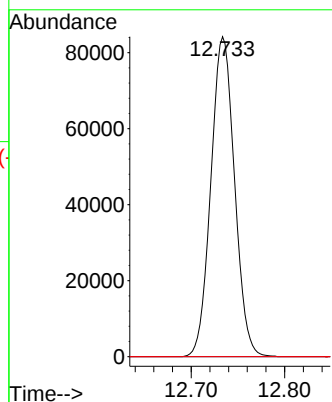
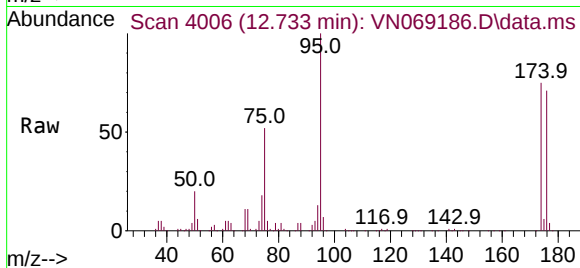




#81
trans-1,4-Dichloro-2-butene
Concen: 72.501 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

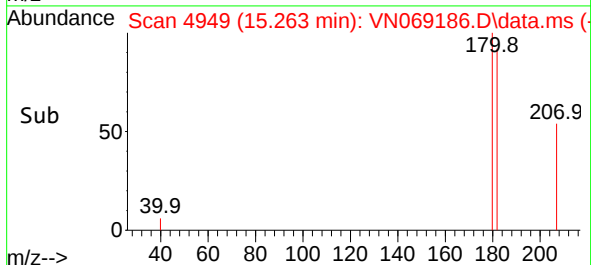
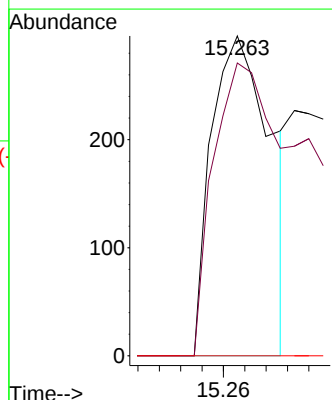
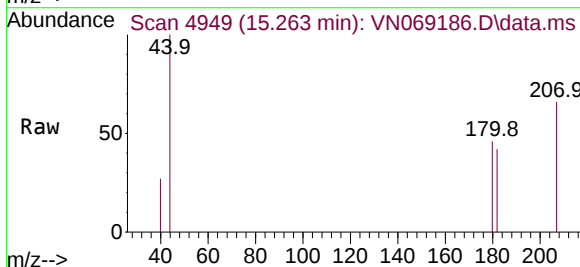
Instrument :
MSVOA_N
ClientSampled :

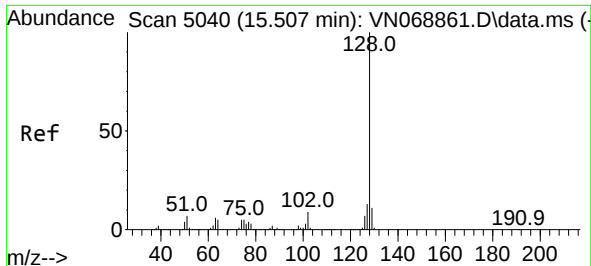
Tgt Ion: 75 Resp: 148394
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.658 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

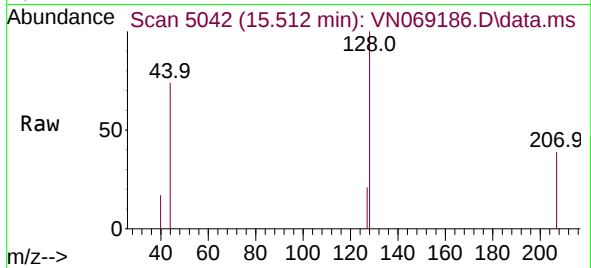
Tgt Ion:180 Resp: 229
Ion Ratio Lower Upper
180 100
182 133.6 47.9 143.7
145 0.0 16.4 49.2#



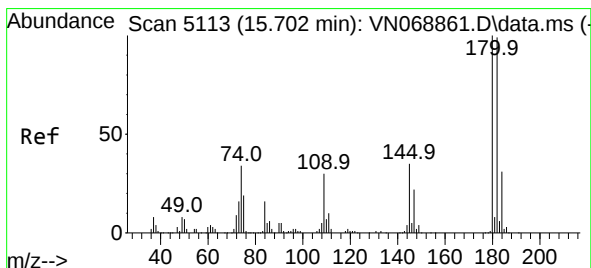
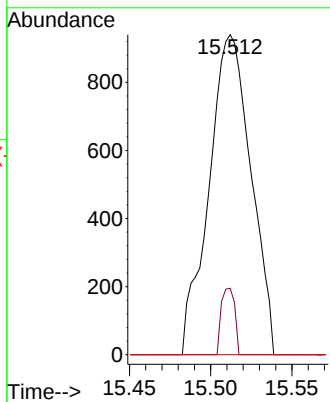
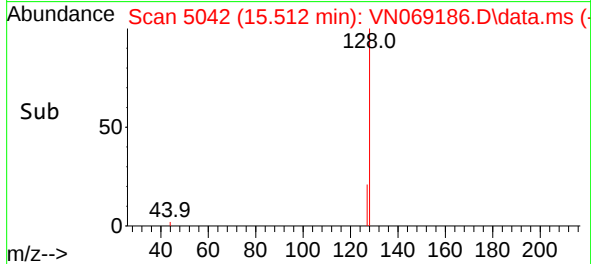


#95
Naphthalene
Concen: 3.958 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29

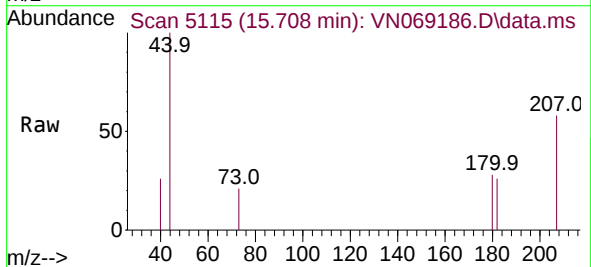
Instrument :
MSVOA_N
ClientSampled :



Tgt Ion:128 Resp: 1690
Ion Ratio Lower Upper
128 100
127 6.6 10.5 15.7#
129 0.0 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.596 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN069186.D
Acq: 26 Oct 2021 15:29



Tgt Ion:180 Resp: 320
Ion Ratio Lower Upper
180 100
182 26.3 48.1 144.3#
145 0.0 17.4 52.2#

