

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073958.D
 Acq On : 04 Aug 2022 17:36
 Operator : VA/SY
 Sample : N3962-15
 Misc : 2.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:54:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

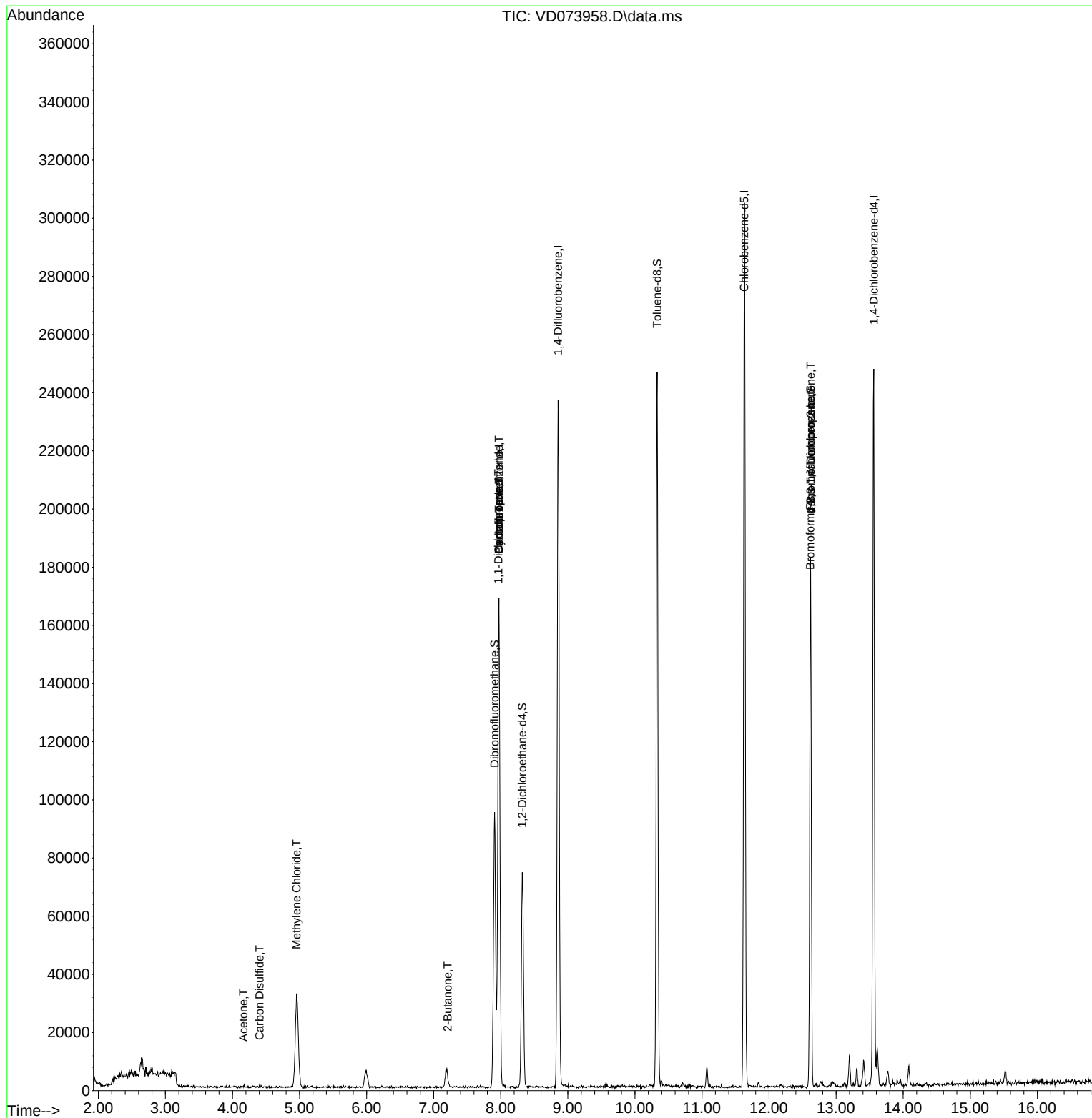
Internal Standards						
1) Pentafluorobenzene	7.973	168	120026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	205829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	171798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	65024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60451	62.356	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.720%			
35) Dibromofluoromethane	7.908	113	62654	48.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.980%			
50) Toluene-d8	10.332	98	166405	38.629	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 77.260%			
62) 4-Bromofluorobenzene	12.620	95	52767	33.309	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 66.620%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.185	59	141	Below Cal #		75
16) Acetone	4.161	43	335	11.066 ug/l #		46
17) Carbon Disulfide	4.402	76	187	1.823 ug/l #		75
18) Methyl Acetate	4.720	43	73	Below Cal #		48
20) Methylene Chloride	4.955	84	24464	6.740 ug/l		94
25) 2-Butanone	7.208	43	561	1.915 ug/l #		46
31) Cyclohexane	7.973	56	3221	1.733 ug/l #		48
36) 1,1-Dichloropropene	7.967	75	10495	5.762 ug/l #		50
38) Carbon Tetrachloride	7.973	117	13052	6.397 ug/l #		13
71) Bromoform	12.614	173	727	1.015 ug/l #		30
76) 1,2,3-Trichloropropane	12.620	75	29293	60.397 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	29293	129.245 ug/l #		13

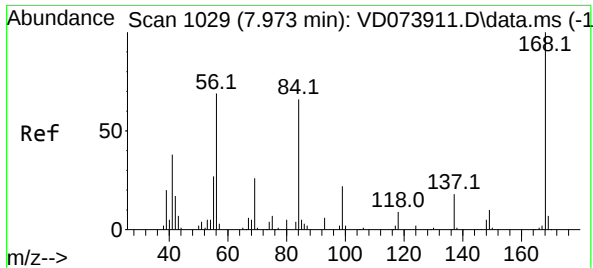
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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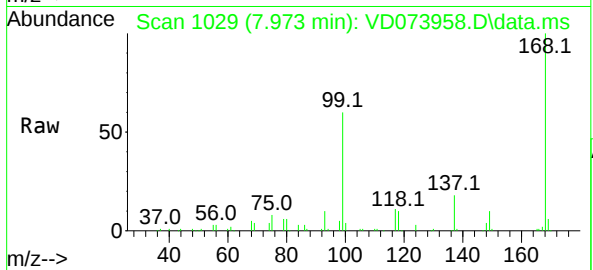
Quant Time: Aug 05 07:54:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



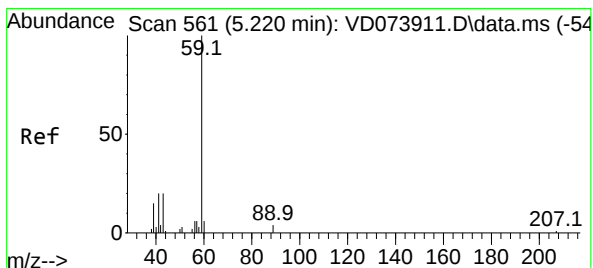
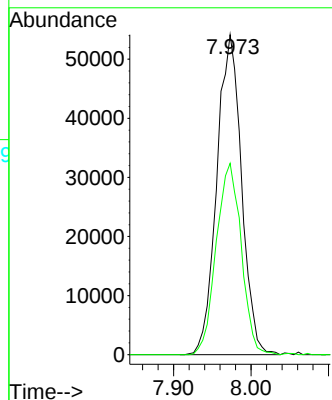
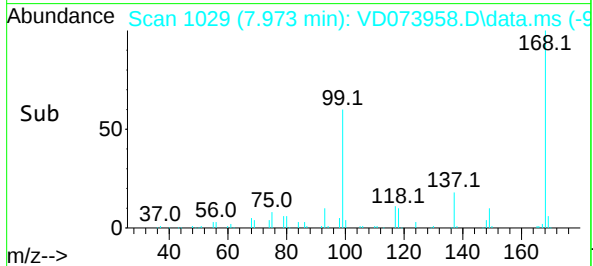


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

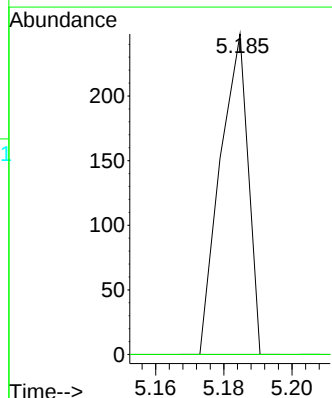
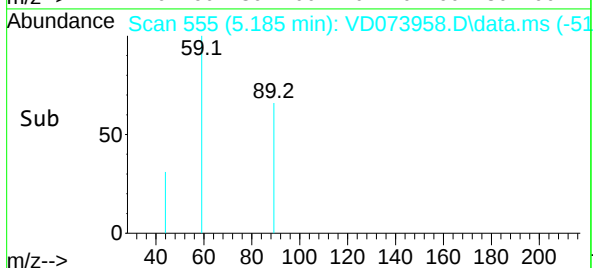
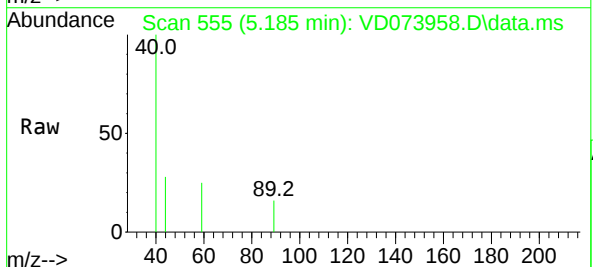


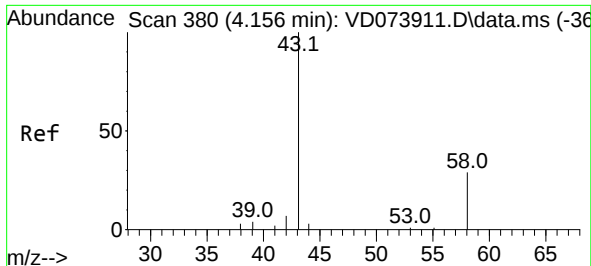
Tgt Ion:168 Resp: 120026
Ion Ratio Lower Upper
168 100
99 59.8 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

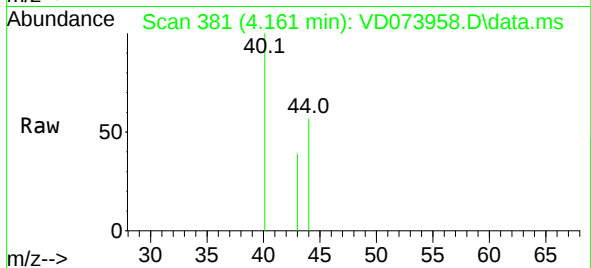
Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



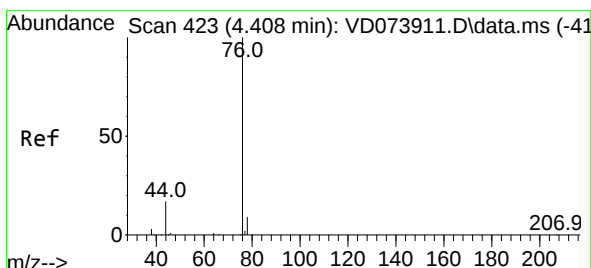
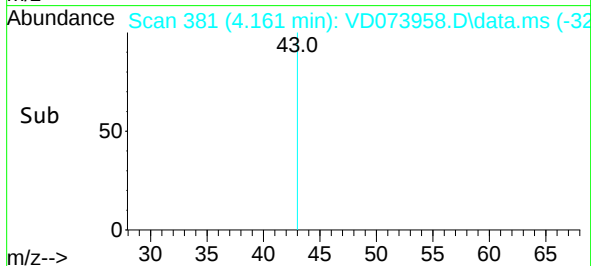
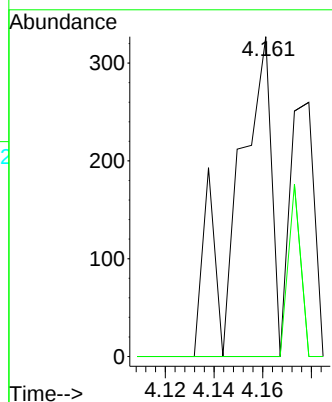


#16
Acetone
Concen: 11.066 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

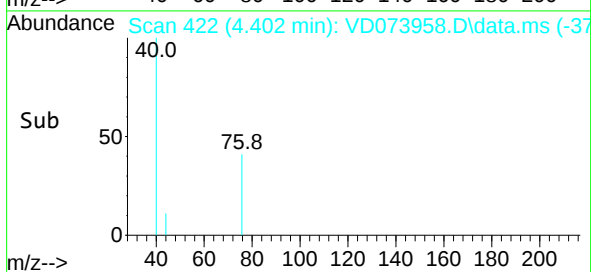
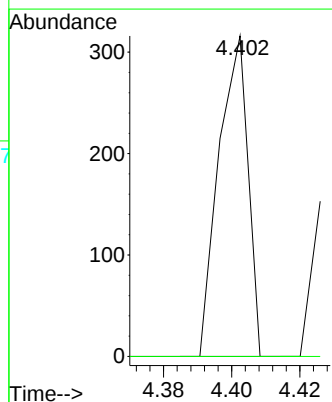
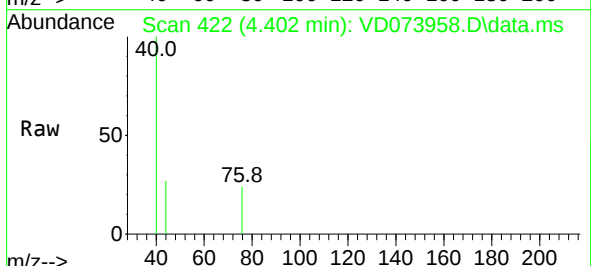


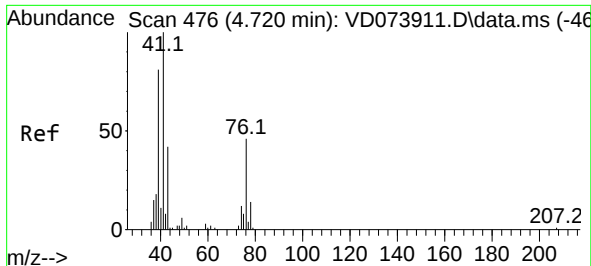
Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#17
Carbon Disulfide
Concen: 1.823 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

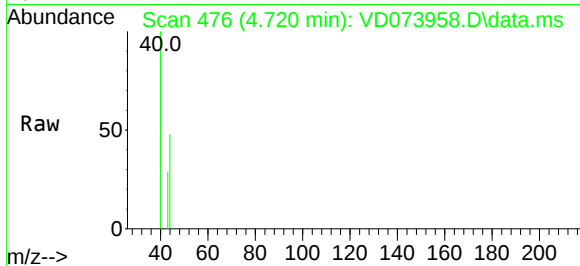
Tgt Ion: 76 Resp: 187
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



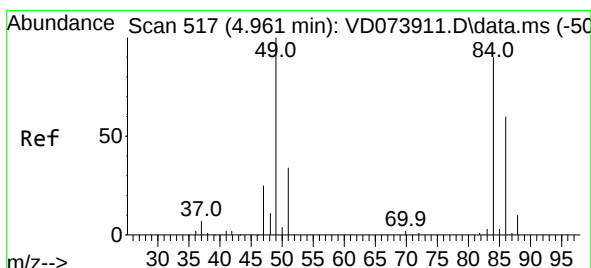
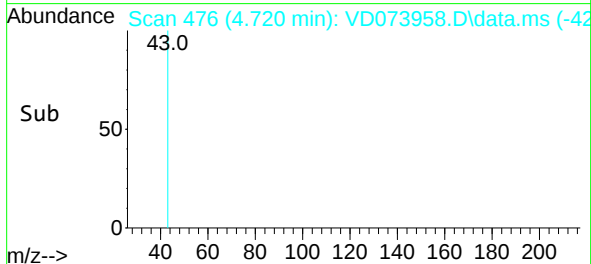
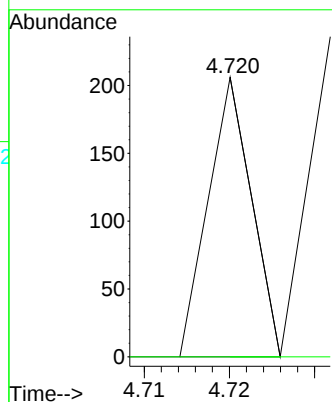


#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

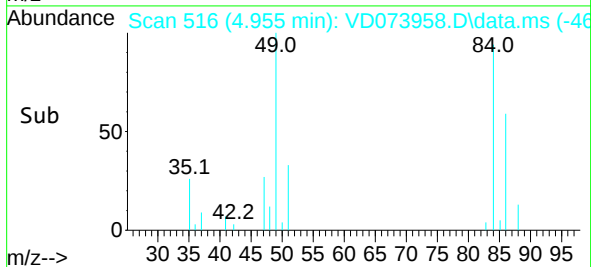
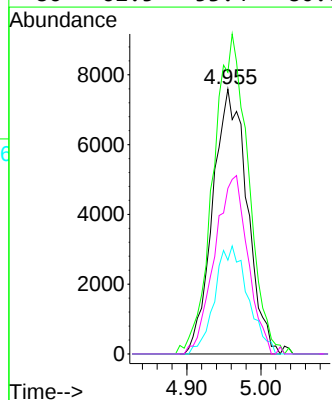
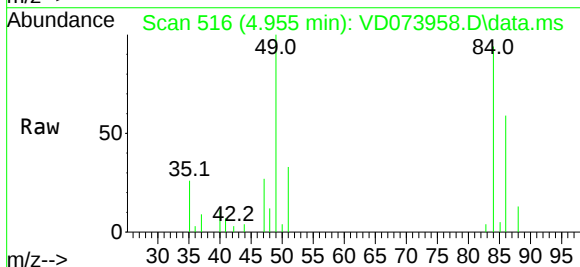


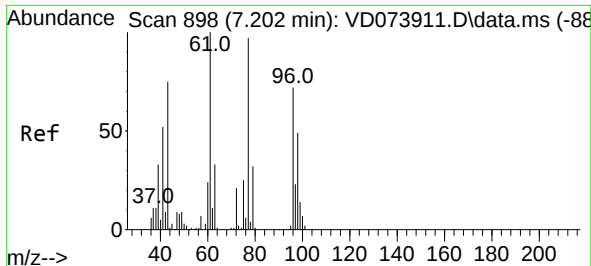
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 6.740 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

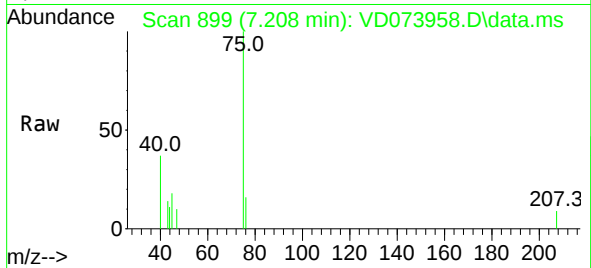
Tgt Ion: 84 Resp: 24464
Ion Ratio Lower Upper
84 100
49 103.1 89.1 133.7
51 35.4 29.8 44.8
86 62.5 53.4 80.0



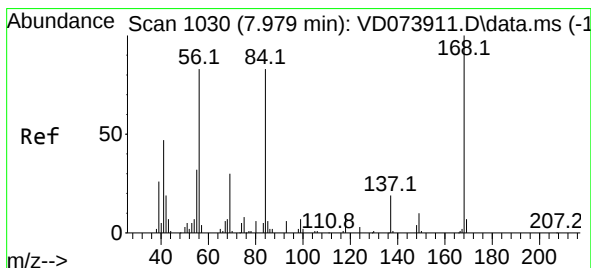
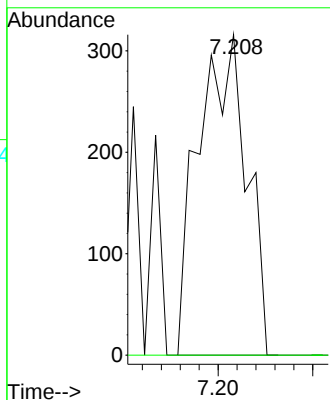
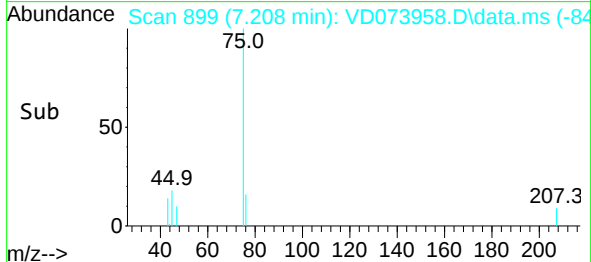


#25
2-Butanone
Concen: 1.915 ug/l
RT: 7.208 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

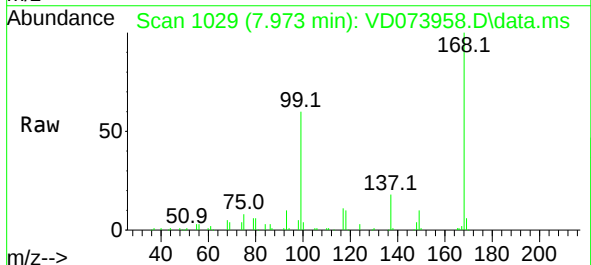
Instrument :
MSVOA_D
ClientSampleId :



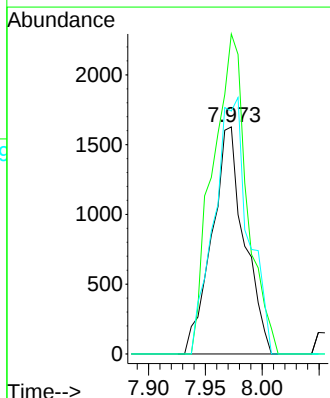
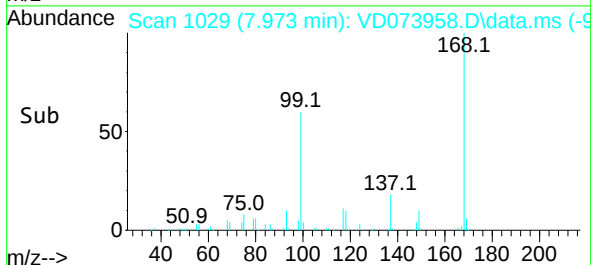
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#

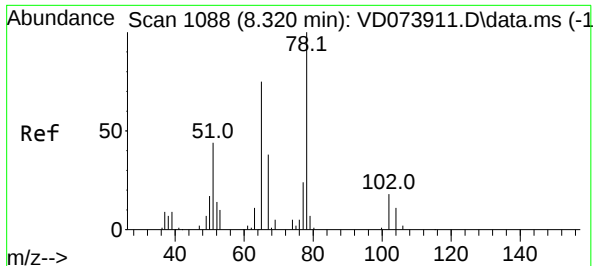


#31
Cyclohexane
Concen: 1.733 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36



Tgt Ion: 56 Resp: 3221
Ion Ratio Lower Upper
56 100
69 140.9 29.2 43.8#
84 106.9 80.0 120.0





#33

1,2-Dichloroethane-d4

Concen: 62.356 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073958.D

Acq: 04 Aug 2022 17:36

Instrument :

MSVOA_D

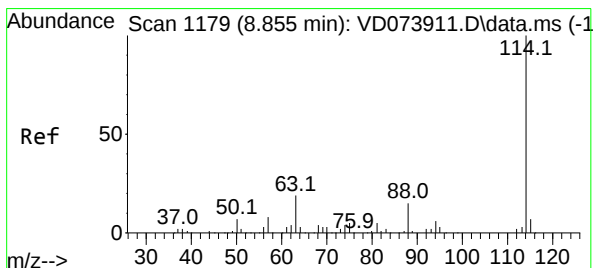
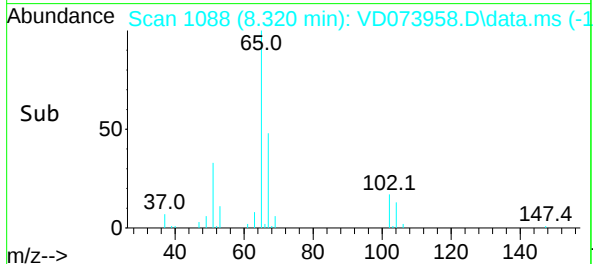
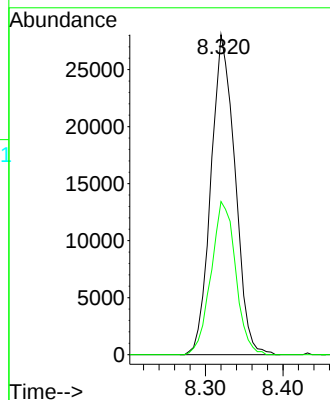
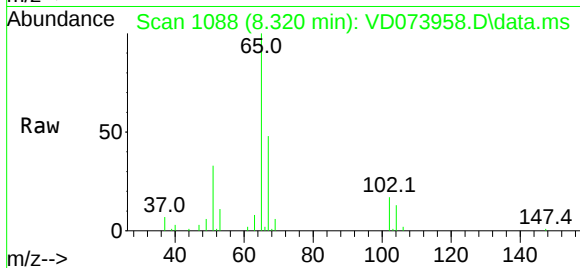
ClientSampleId :

Tgt Ion: 65 Resp: 60451

Ion Ratio Lower Upper

65 100

67 48.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073958.D

Acq: 04 Aug 2022 17:36

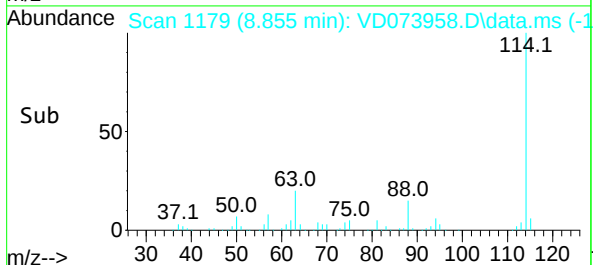
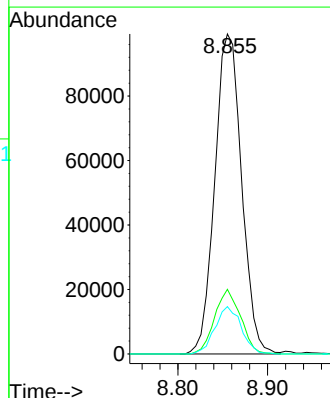
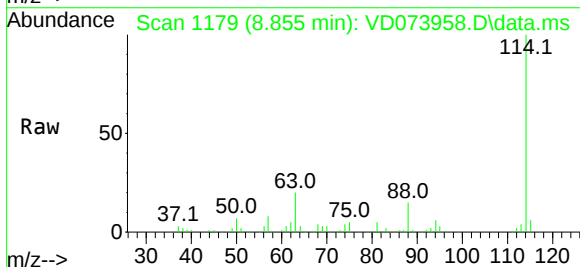
Tgt Ion: 114 Resp: 205829

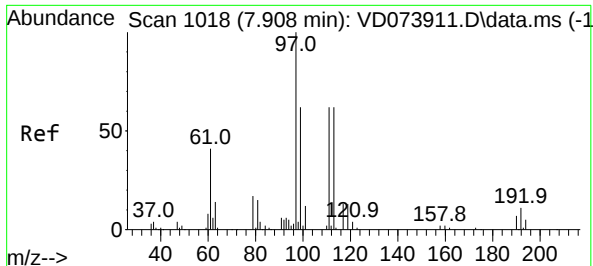
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.992 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073958.D

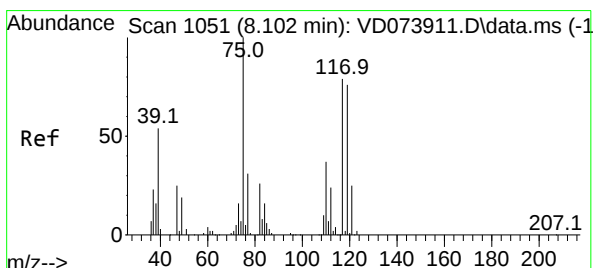
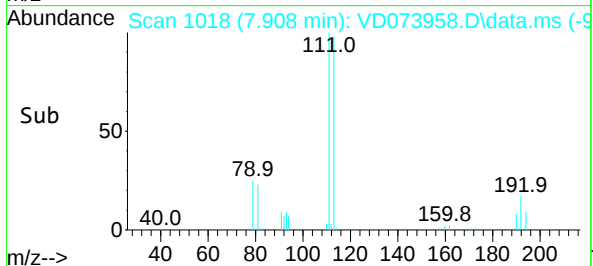
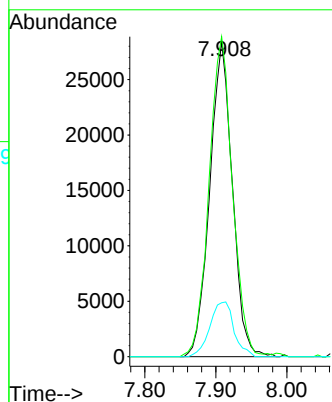
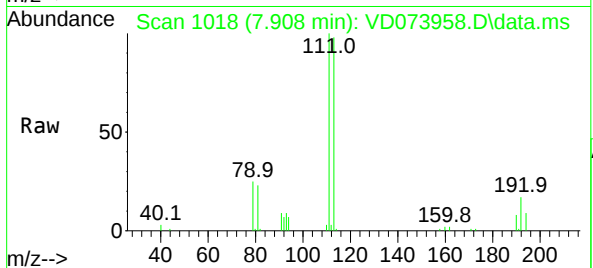
Acq: 04 Aug 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	62654
Ion	Ratio	Lower	Upper
113	100		
111	105.5	83.7	125.5
192	18.5	15.0	22.6



#36

1,1-Dichloropropene

Concen: 5.762 ug/l

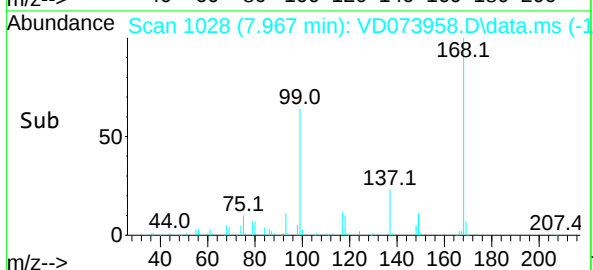
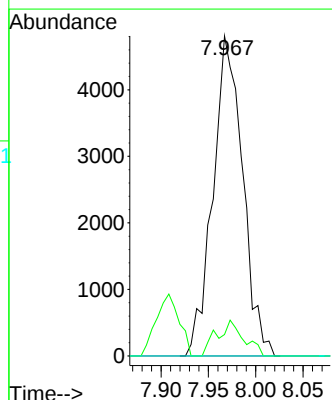
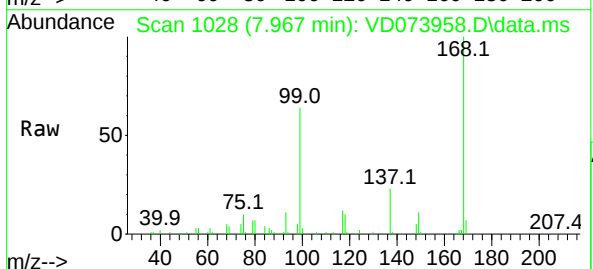
RT: 7.967 min Scan# 1028

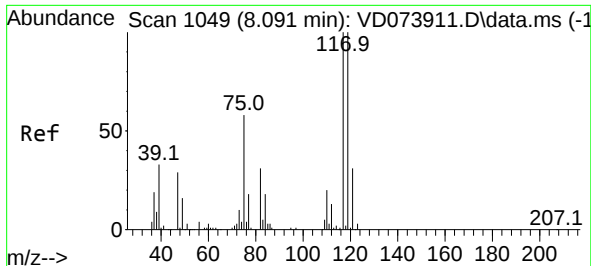
Delta R.T. -0.135 min

Lab File: VD073958.D

Acq: 04 Aug 2022 17:36

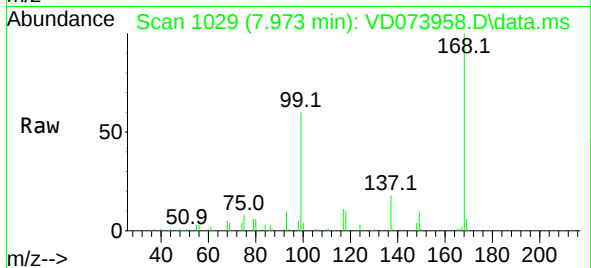
Tgt Ion:	75	Resp:	10495
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.1#
77	0.0	24.7	37.1#



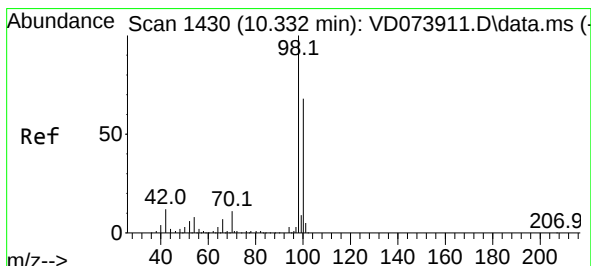
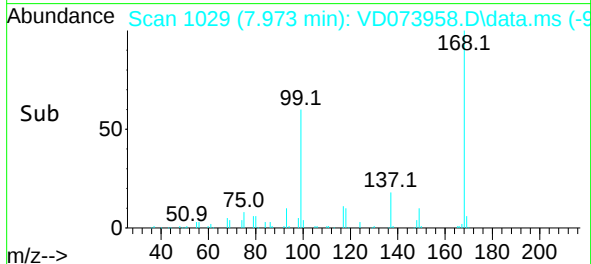
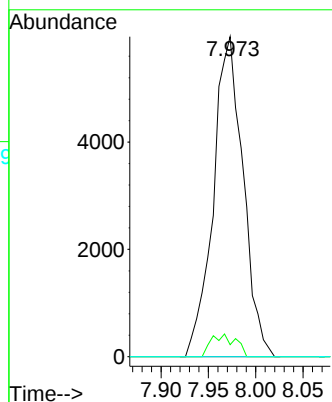


#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

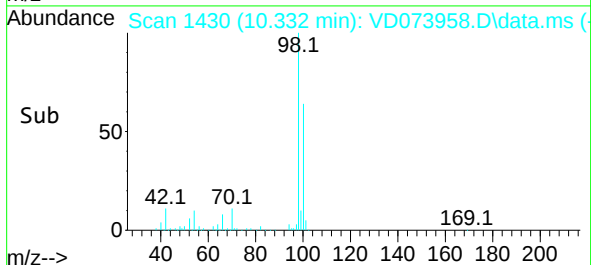
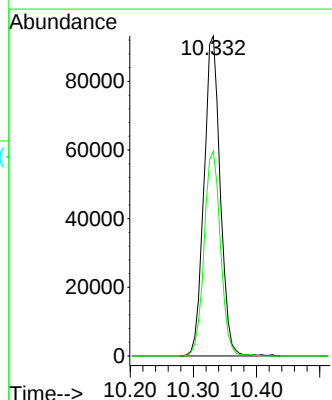
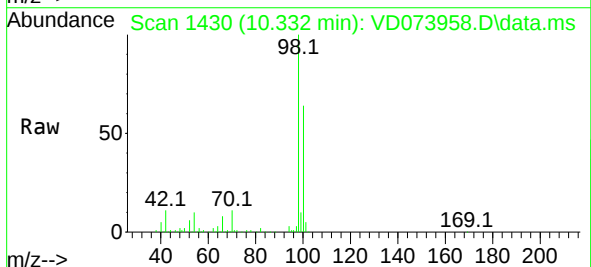


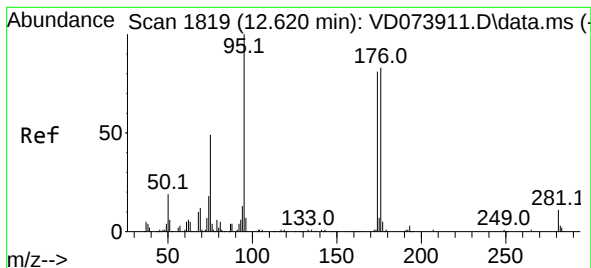
Tgt Ion:117 Resp: 13052
Ion Ratio Lower Upper
117 100
119 3.8 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 38.629 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion: 98 Resp: 166405
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

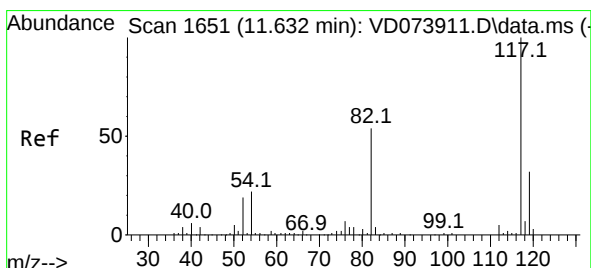
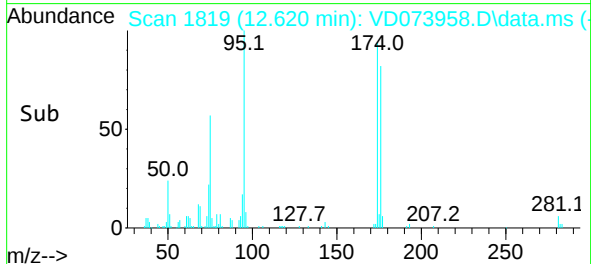
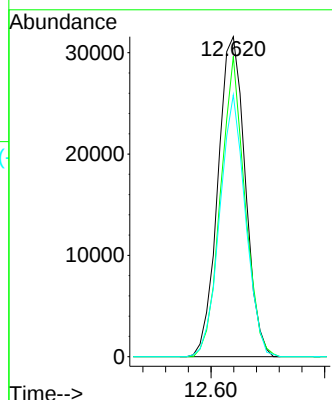
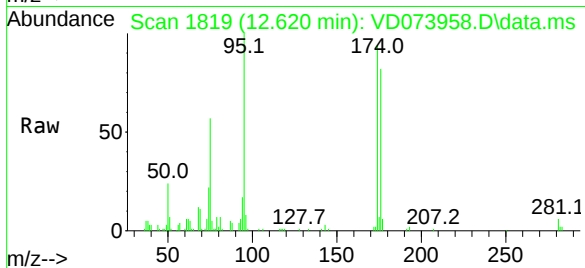




#62
4-Bromofluorobenzene
Concen: 33.309 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

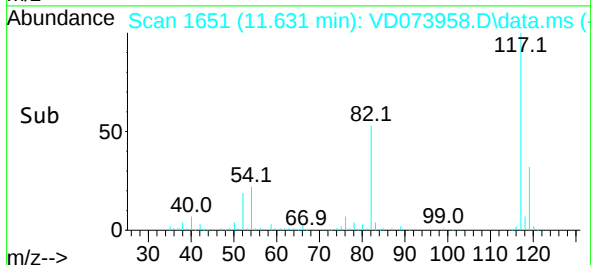
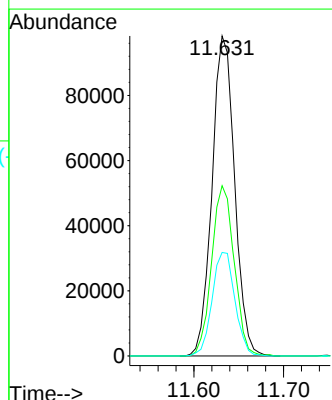
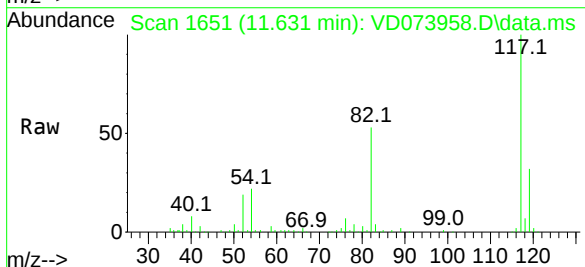
Instrument :
MSVOA_D
ClientSampleId :

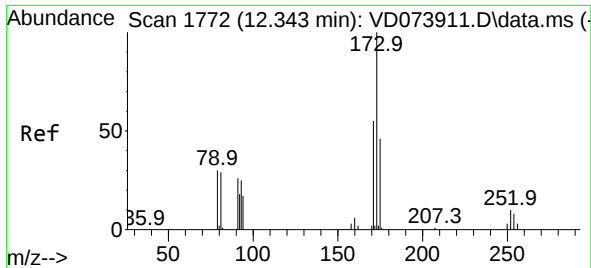
Tgt Ion: 95 Resp: 52767
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.2
176 76.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion: 117 Resp: 171798
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.3 25.8 38.8

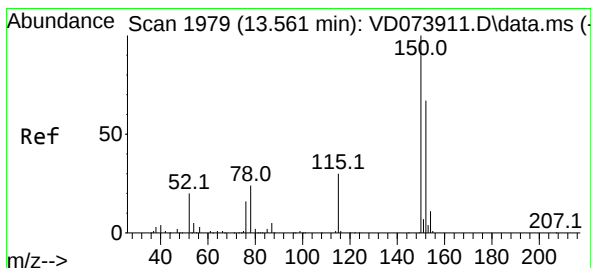
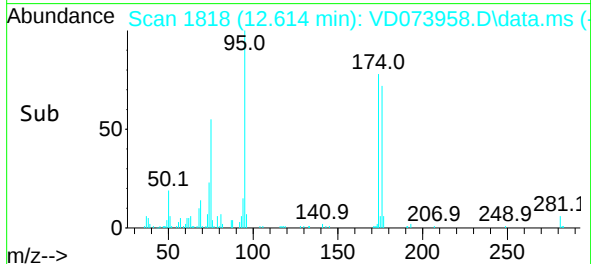
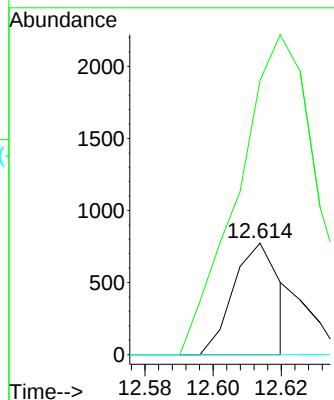
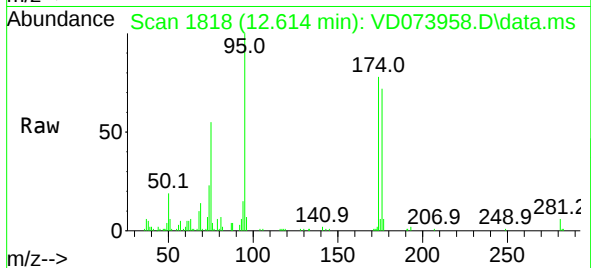




#71
Bromoform
Concen: 1.015 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.270 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

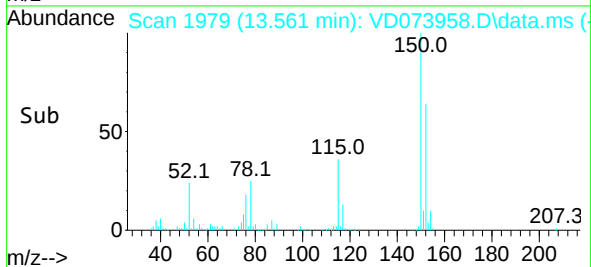
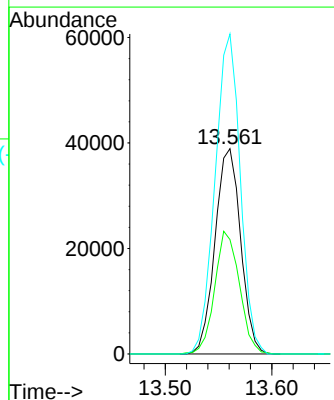
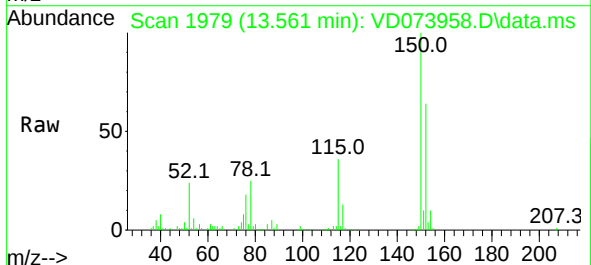
Instrument :
MSVOA_D
ClientSampleId :

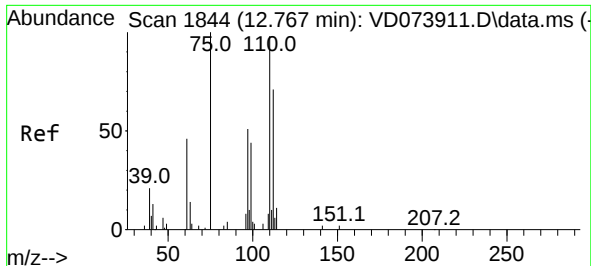
Tgt Ion:173 Resp: 727
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion:152 Resp: 65024
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 153.3 0.0 338.2

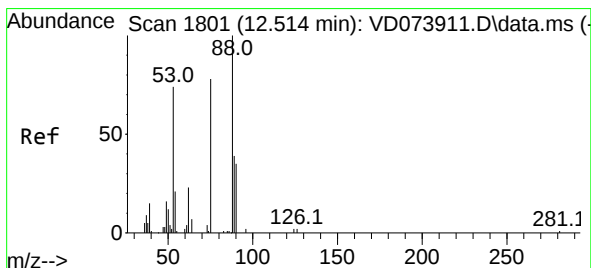
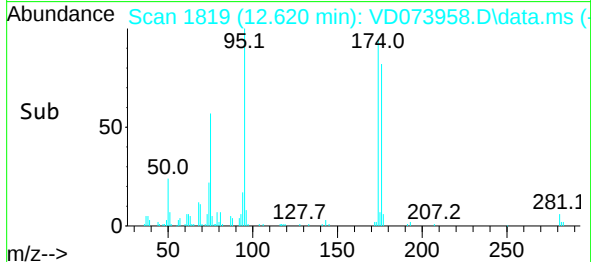
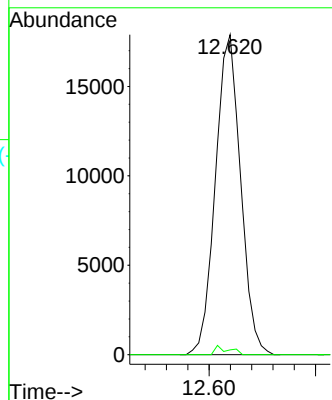
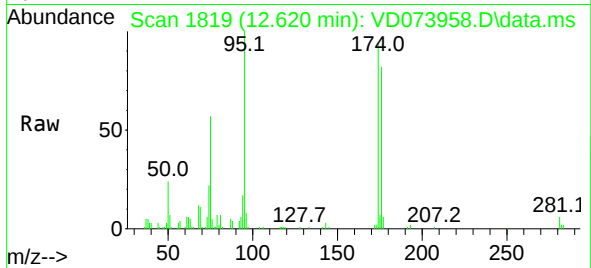




#76
1,2,3-Trichloropropane
Concen: 60.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 29293
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.245 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073958.D
Acq: 04 Aug 2022 17:36

Tgt Ion: 75 Resp: 29293
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.0 39.8 59.6#

