

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075688.D
 Acq On : 14 Apr 2023 19:34
 Operator : KP/SY
 Sample : 02347-01
 Misc : 9.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230224-8-2

Quant Time: Apr 17 09:14:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

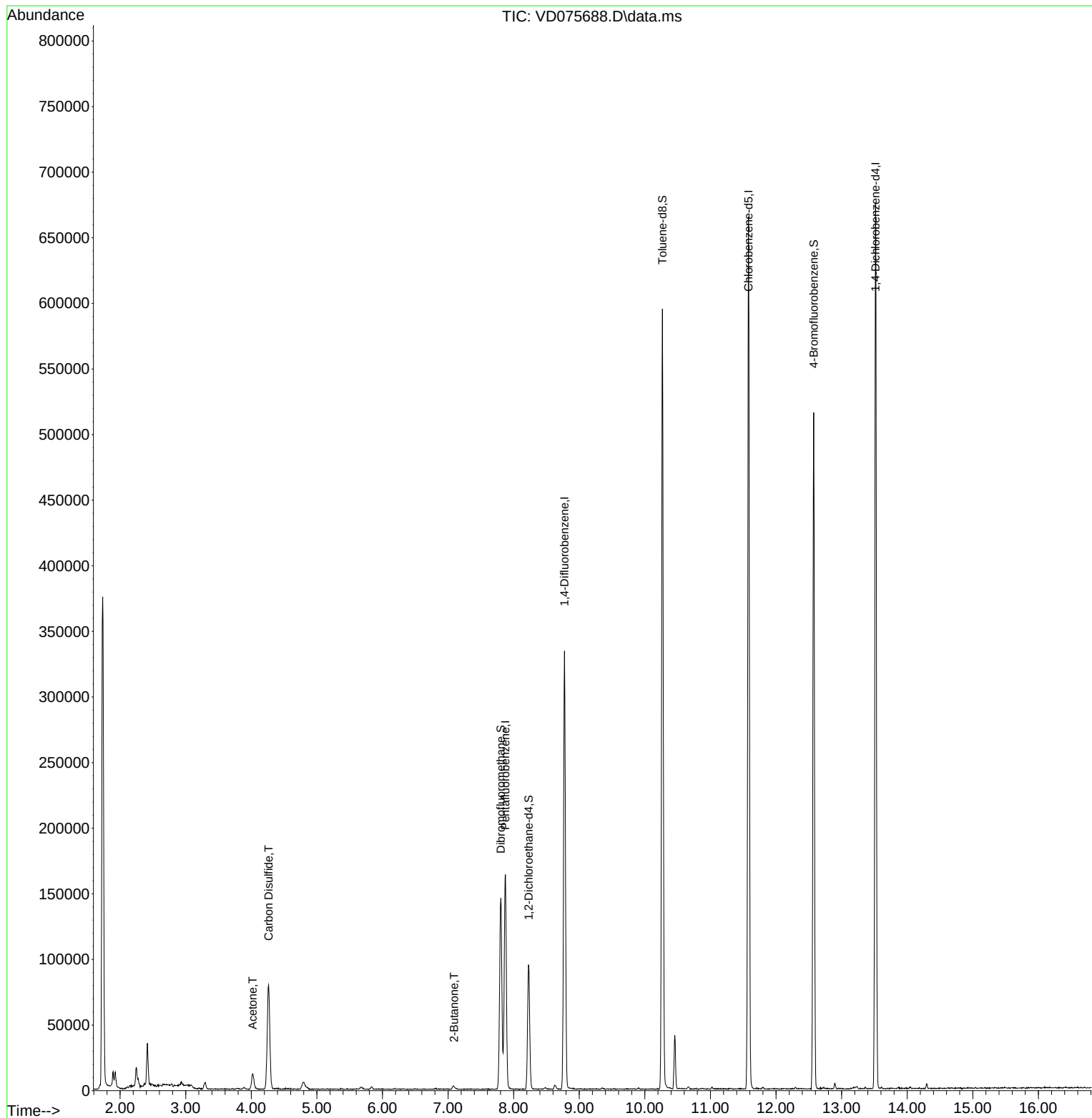
Internal Standards						
1) Pentafluorobenzene	7.875	168	135164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	320868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	419170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	195064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74207	57.840	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.680%	
35) Dibromofluoromethane	7.804	113	110814	51.347	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.700%	
50) Toluene-d8	10.269	98	435929	50.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.880%	
62) 4-Bromofluorobenzene	12.575	95	164680	71.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 143.380%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	18861	80.246	ug/l	91
17) Carbon Disulfide	4.263	76	174956	35.315	ug/l	95
25) 2-Butanone	7.093	43	4026	13.304	ug/l #	73

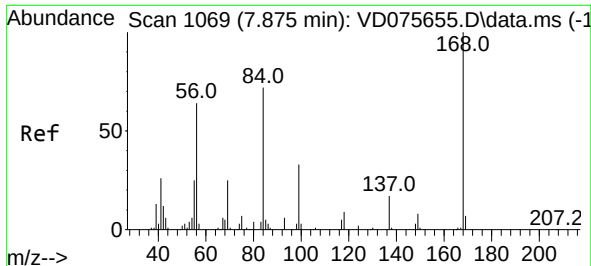
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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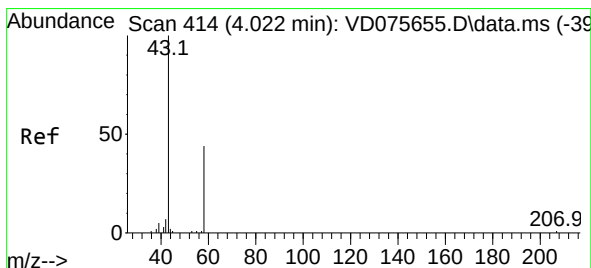
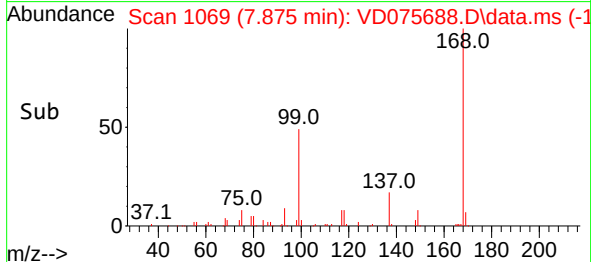
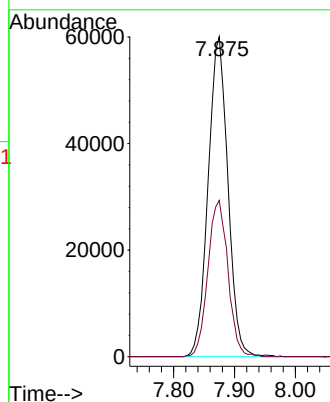
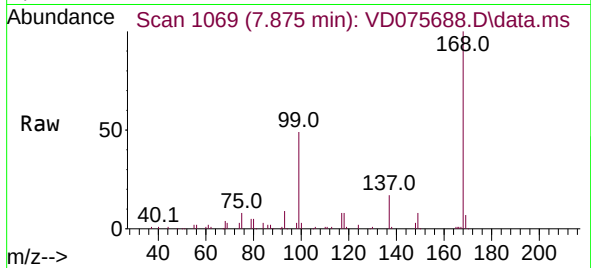




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

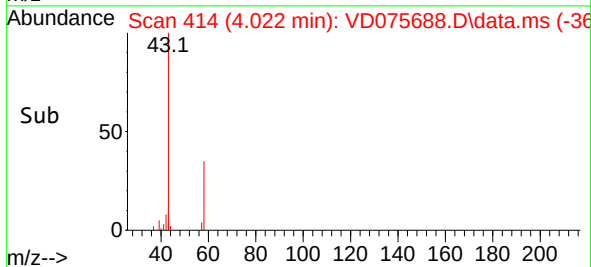
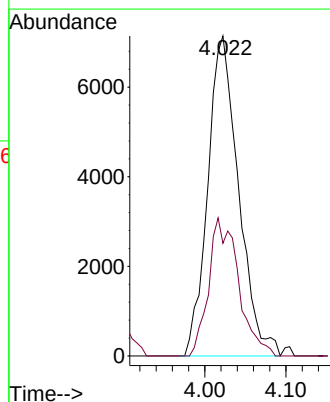
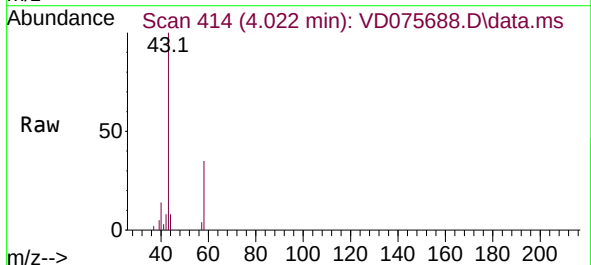
Instrument :
MSVOA_D
ClientSampleId :
20230224-8-2

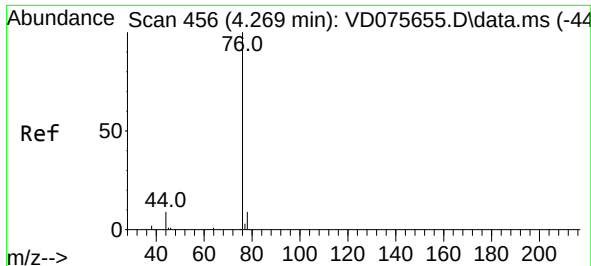
Tgt Ion:168 Resp: 135164
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#16
Acetone
Concen: 80.246 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

Tgt Ion: 43 Resp: 18861
Ion Ratio Lower Upper
43 100
58 35.2 24.4 36.6

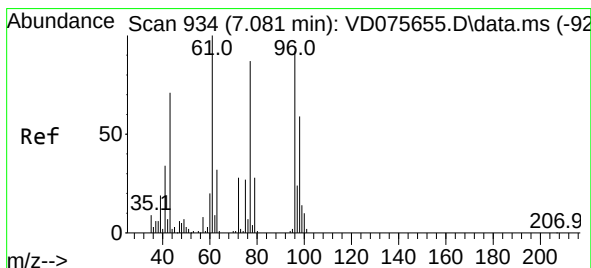
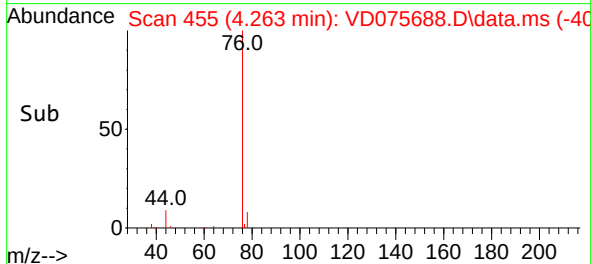
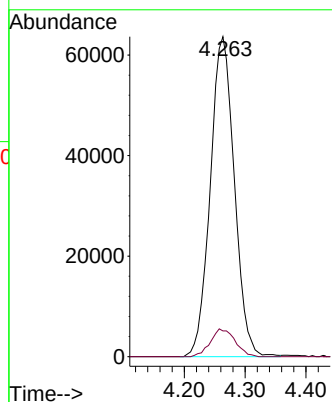
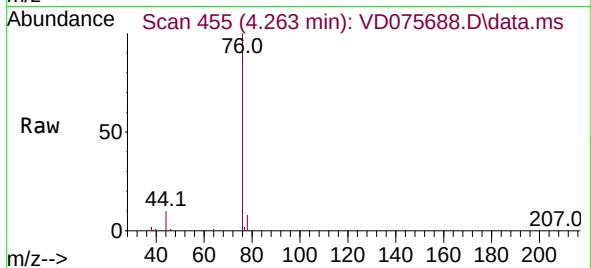




#17
Carbon Disulfide
Concen: 35.315 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

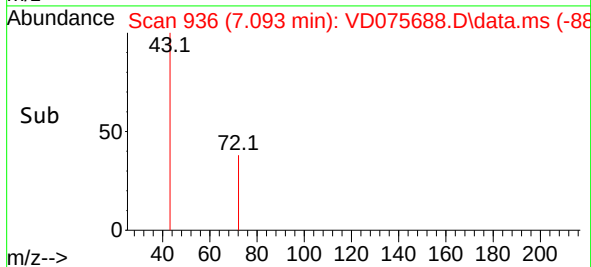
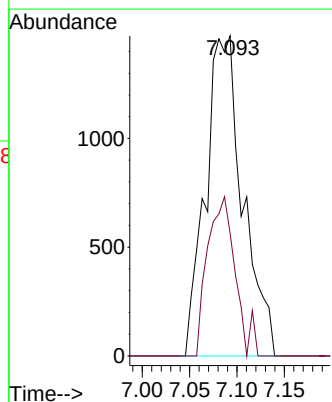
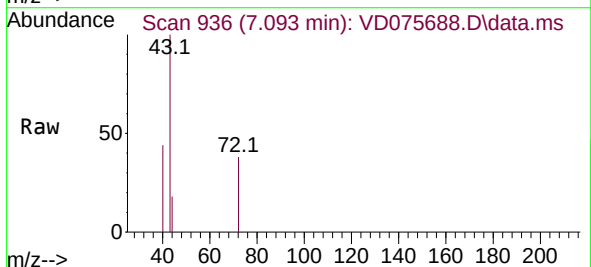
Instrument :
MSVOA_D
ClientSampleId :
20230224-8-2

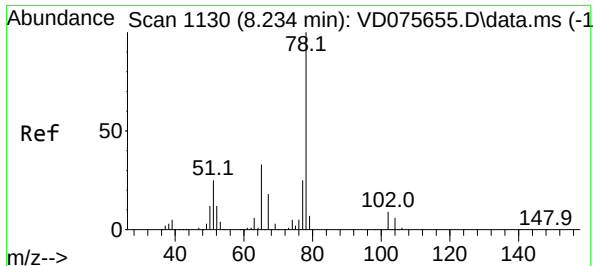
Tgt Ion: 76 Resp: 174956
Ion Ratio Lower Upper
76 100
78 8.1 8.0 12.0



#25
2-Butanone
Concen: 13.304 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

Tgt Ion: 43 Resp: 4026
Ion Ratio Lower Upper
43 100
72 38.3 19.8 29.8#





#33

1,2-Dichloroethane-d4

Concen: 57.840 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075688.D

Acq: 14 Apr 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

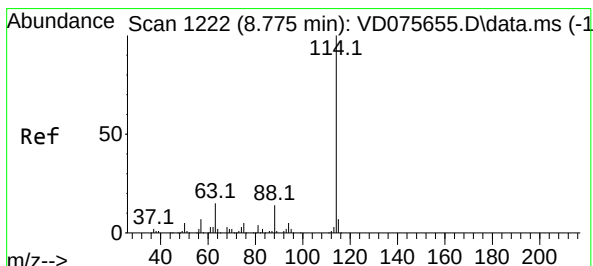
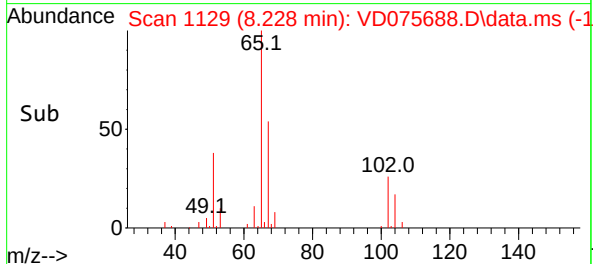
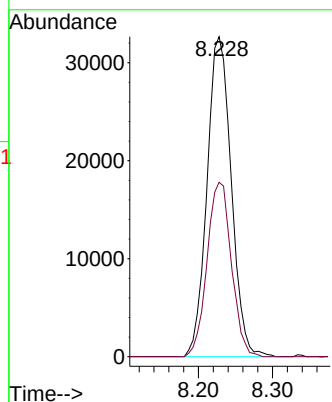
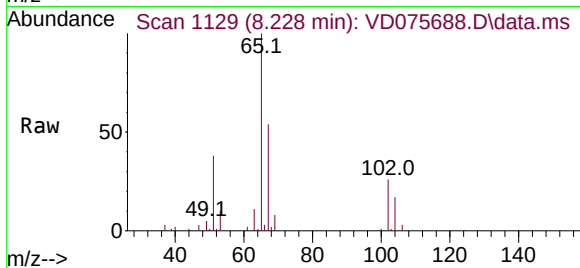
20230224-8-2

Tgt Ion: 65 Resp: 74207

Ion Ratio Lower Upper

65 100

67 54.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075688.D

Acq: 14 Apr 2023 19:34

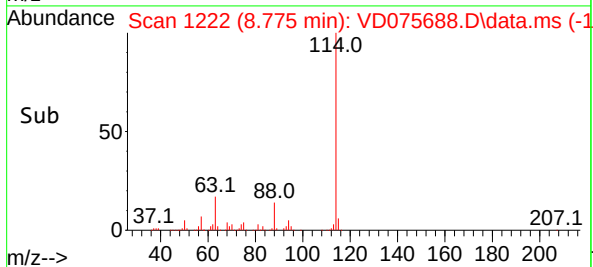
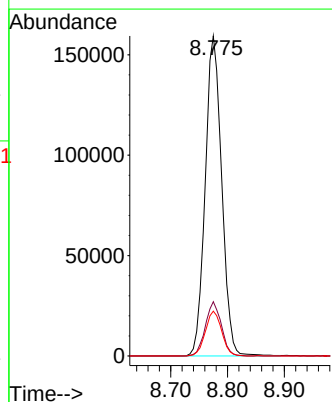
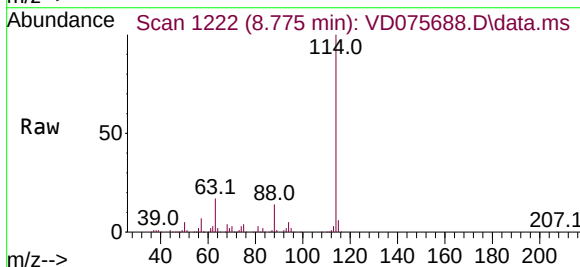
Tgt Ion: 114 Resp: 320868

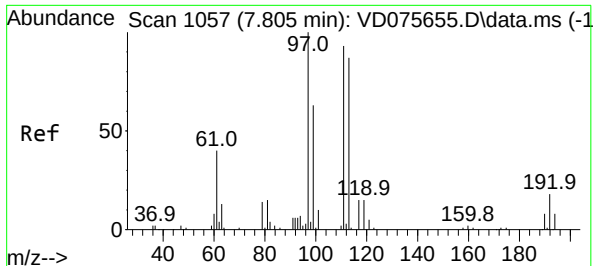
Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.347 ug/l

RT: 7.804 min Scan# 1108

Delta R.T. -0.001 min

Lab File: VD075688.D

Acq: 14 Apr 2023 19:34

Instrument :

MSVOA_D

ClientSampleId :

20230224-8-2

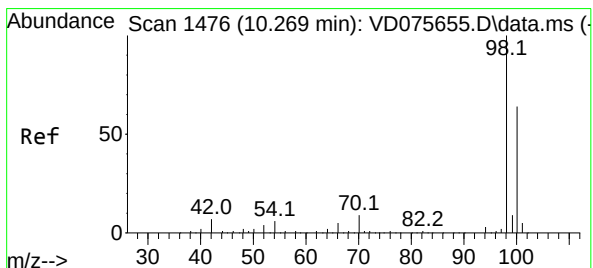
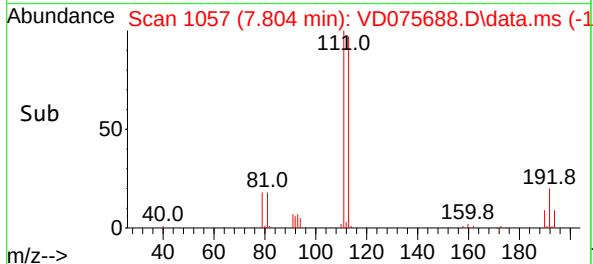
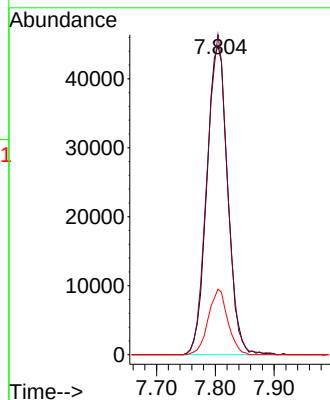
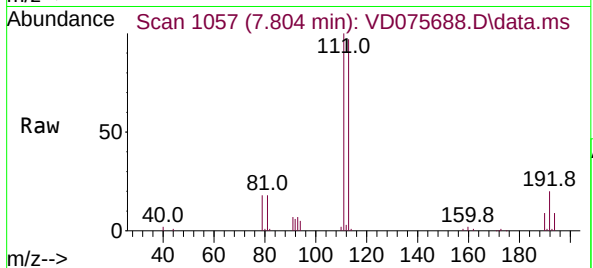
Tgt Ion:113 Resp: 110814

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.7 15.2 22.8



#50

Toluene-d8

Concen: 50.440 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075688.D

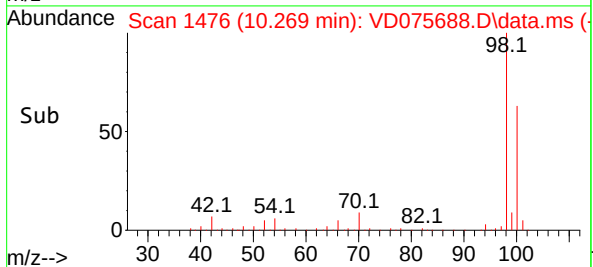
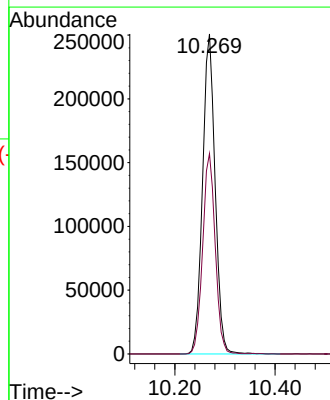
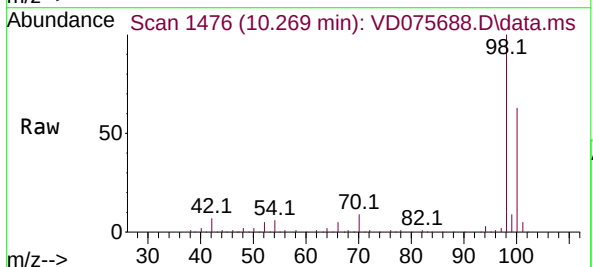
Acq: 14 Apr 2023 19:34

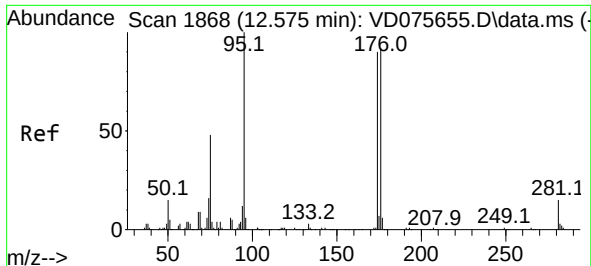
Tgt Ion: 98 Resp: 435929

Ion Ratio Lower Upper

98 100

100 62.6 52.1 78.1

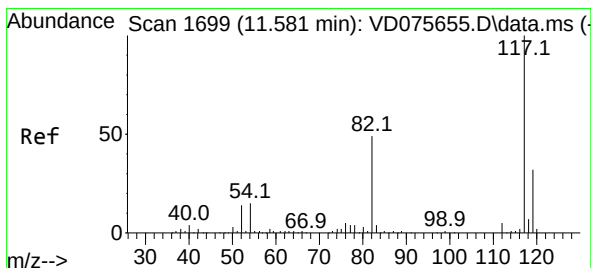
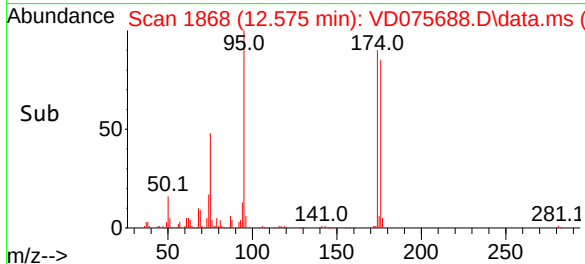
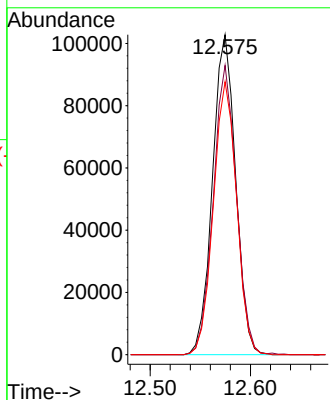
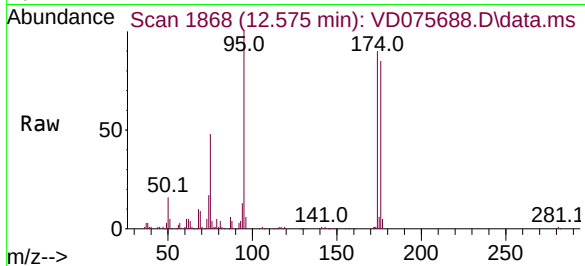




#62
4-Bromofluorobenzene
Concen: 71.689 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

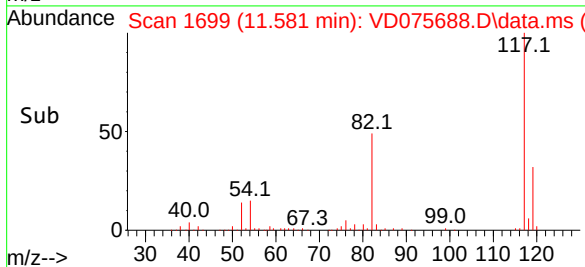
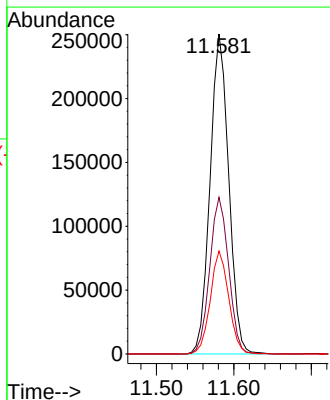
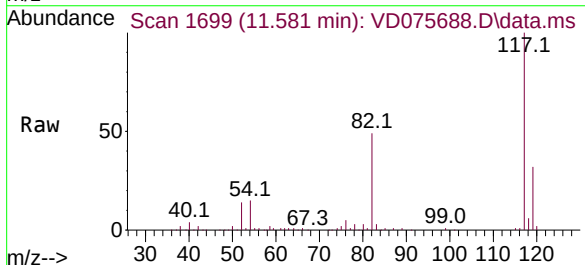
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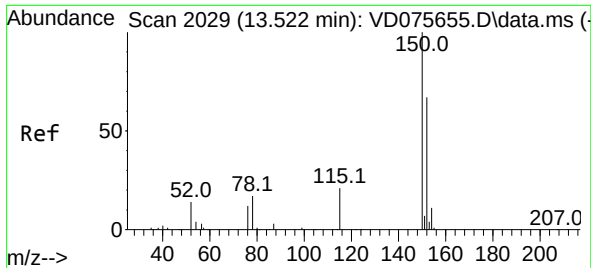
Tgt Ion: 95 Resp: 164680
Ion Ratio Lower Upper
95 100
174 90.4 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075688.D
Acq: 14 Apr 2023 19:34

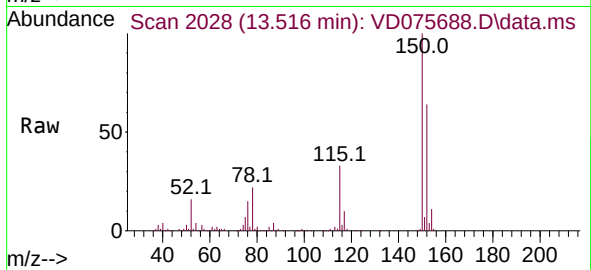
Tgt Ion: 117 Resp: 419170
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD075688.D
 Acq: 14 Apr 2023 19:34

Instrument :
 MSVOA_D
 ClientSampleId :
 20230224-8-2



Tgt Ion:152 Resp: 195064
 Ion Ratio Lower Upper
 152 100
 115 53.3 30.1 90.3
 150 156.2 0.0 364.8

