

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041723\
 Data File : VD075704.D
 Acq On : 17 Apr 2023 16:39
 Operator : KP/SY
 Sample : 02347-04RE
 Misc : 4.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230295-26-1RE

Quant Time: Apr 18 01:18:39 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)

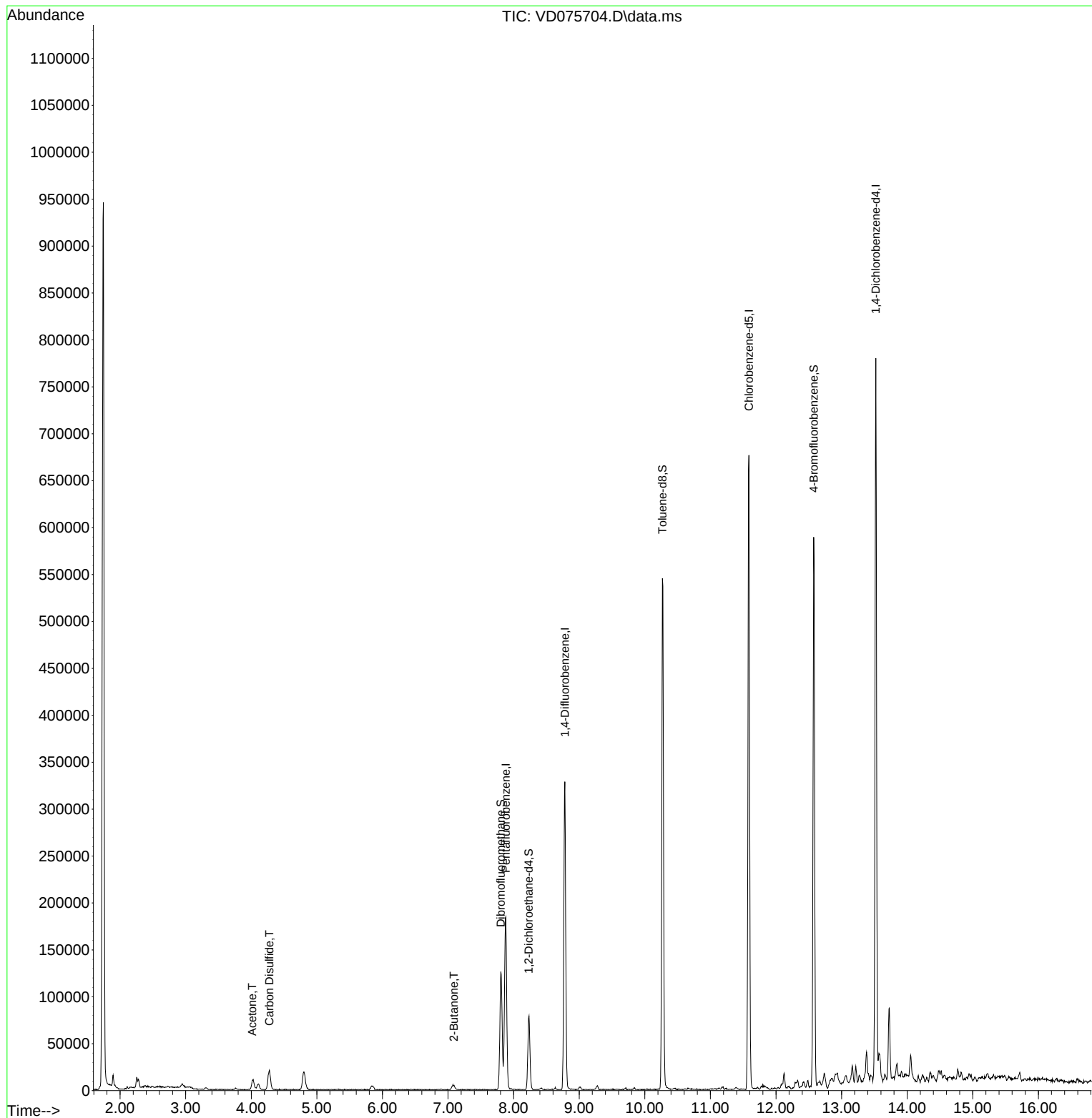
Internal Standards						
1) Pentafluorobenzene	7.881	168	152694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	313771	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	423812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	212712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58257	40.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.380%
35) Dibromofluoromethane	7.805	113	96158	45.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.269	98	406742	48.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.260%
62) 4-Bromofluorobenzene	12.575	95	182951	81.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	162.880%#
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	18140	68.318	ug/l #	84
17) Carbon Disulfide	4.275	76	45288	8.092	ug/l	95
25) 2-Butanone	7.087	43	5742	16.796	ug/l #	84

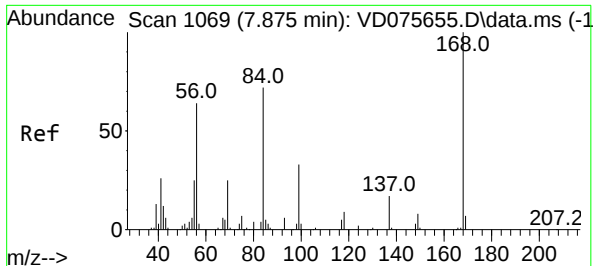
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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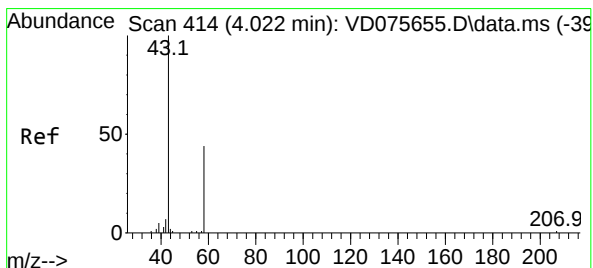
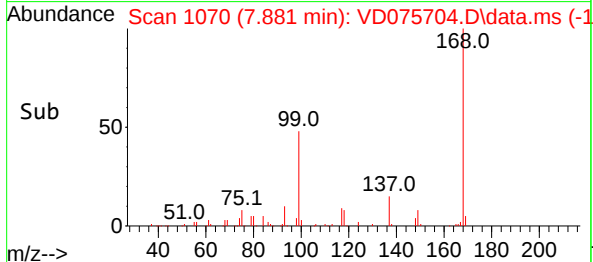
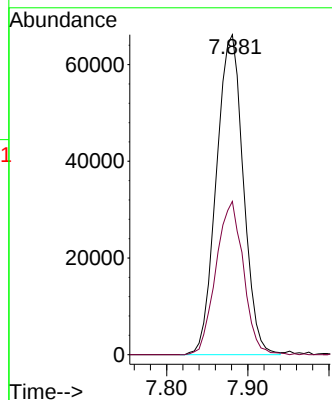
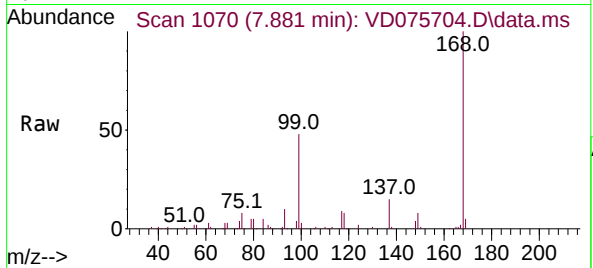




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

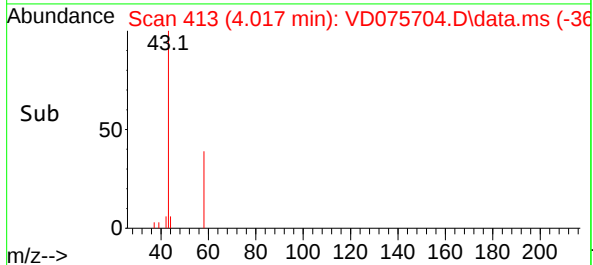
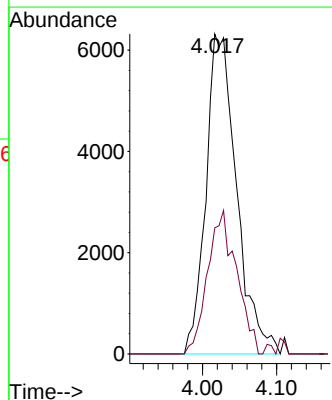
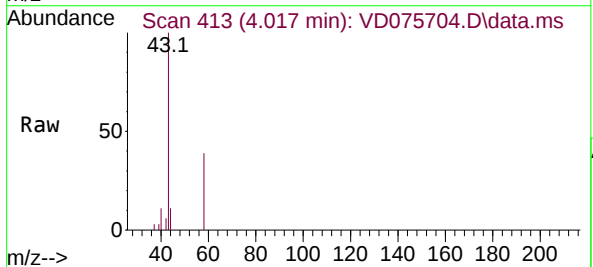
Instrument :
MSVOA_D
ClientSampleId :
20230295-26-1RE

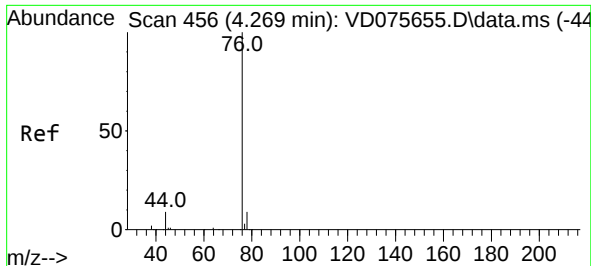
Tgt Ion:168 Resp: 152694
Ion Ratio Lower Upper
168 100
99 47.9 43.8 65.6



#16
Acetone
Concen: 68.318 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

Tgt Ion: 43 Resp: 18140
Ion Ratio Lower Upper
43 100
58 39.4 24.4 36.6#

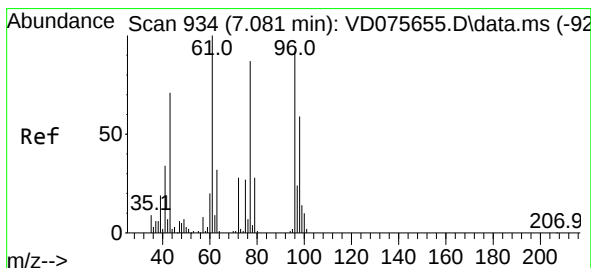
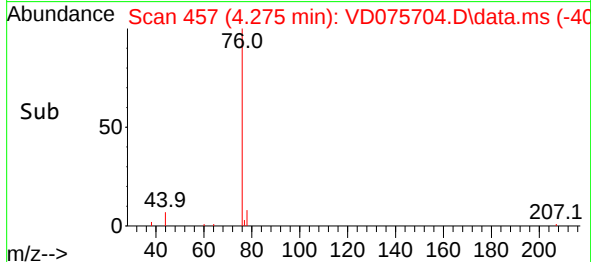
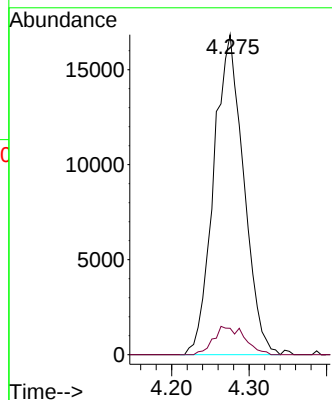
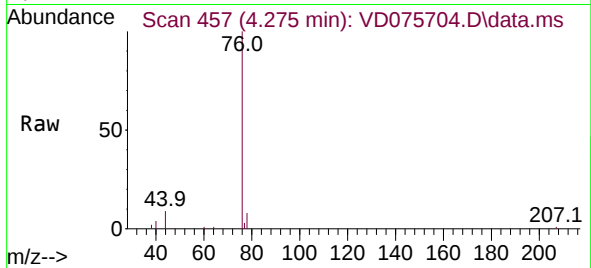




#17
Carbon Disulfide
Concen: 8.092 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

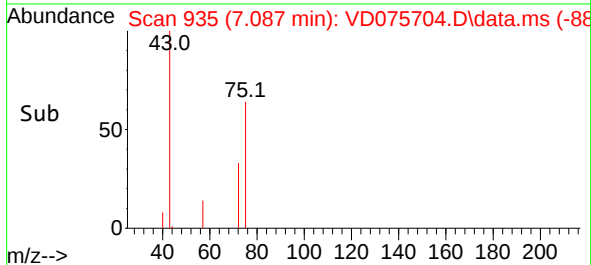
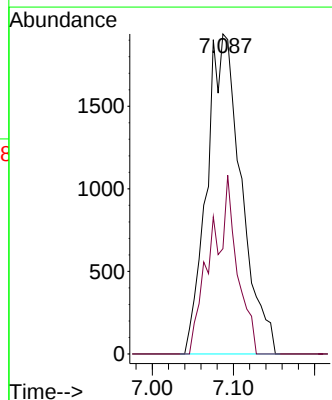
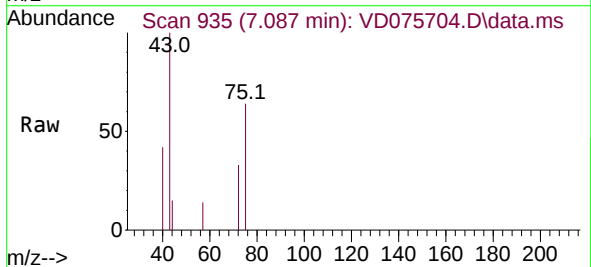
Instrument :
MSVOA_D
ClientSampleId :
20230295-26-1RE

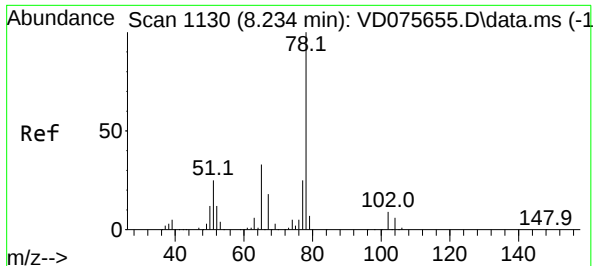
Tgt Ion: 76 Resp: 45288
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#25
2-Butanone
Concen: 16.796 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

Tgt Ion: 43 Resp: 5742
Ion Ratio Lower Upper
43 100
72 32.9 19.8 29.8#

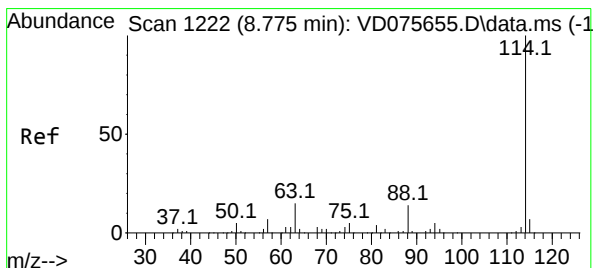
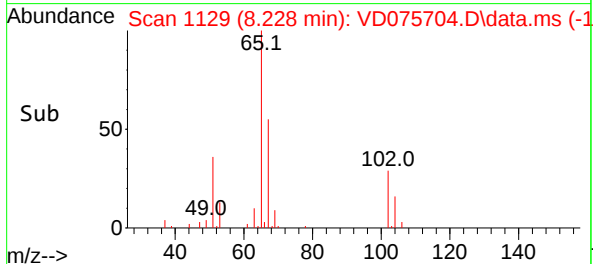
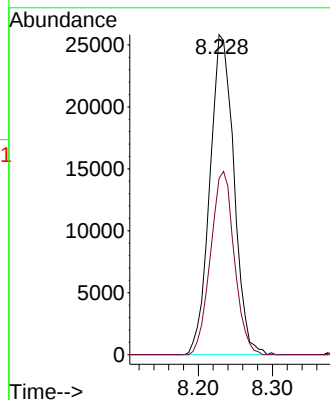
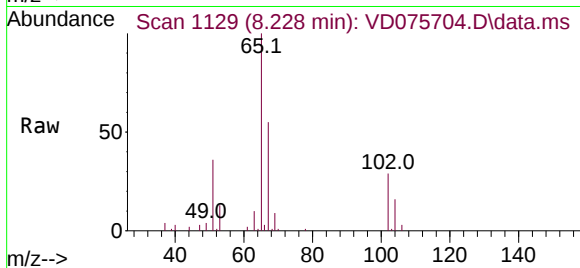




#33
 1,2-Dichloroethane-d4
 Concen: 40.195 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VD075704.D
 Acq: 17 Apr 2023 16:39

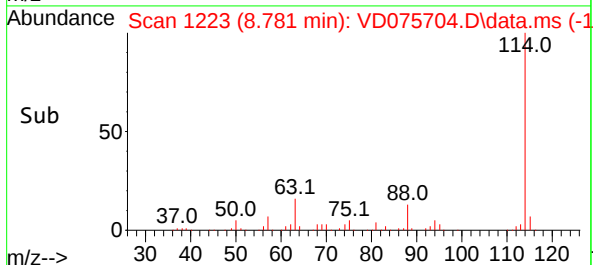
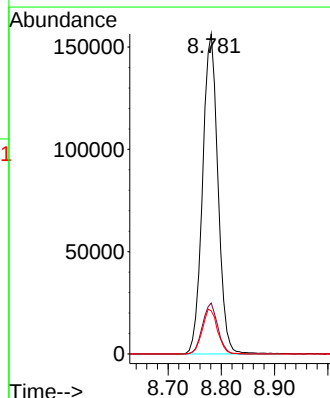
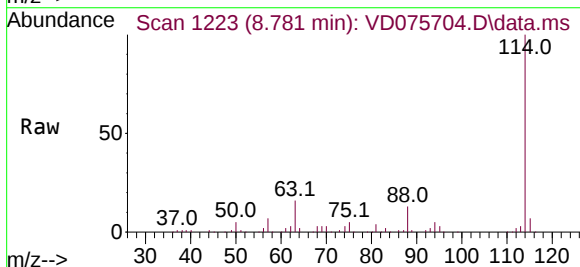
Instrument :
 MSVOA_D
 ClientSampleId :
 20230295-26-1RE

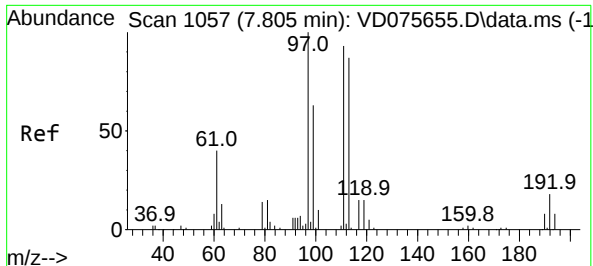
Tgt Ion: 65 Resp: 58257
 Ion Ratio Lower Upper
 65 100
 67 56.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.006 min
 Lab File: VD075704.D
 Acq: 17 Apr 2023 16:39

Tgt Ion: 114 Resp: 313771
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 41.6
 88 13.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 45.563 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075704.D

Acq: 17 Apr 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

20230295-26-1RE

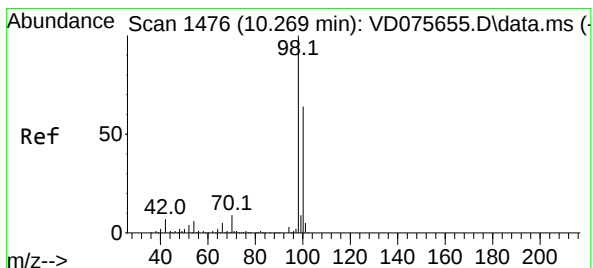
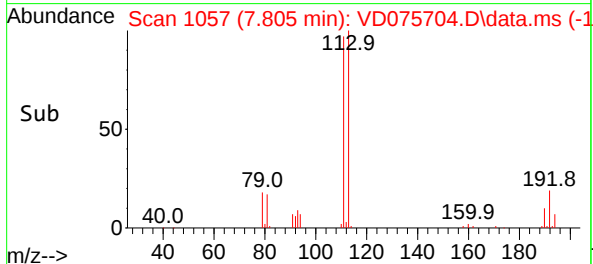
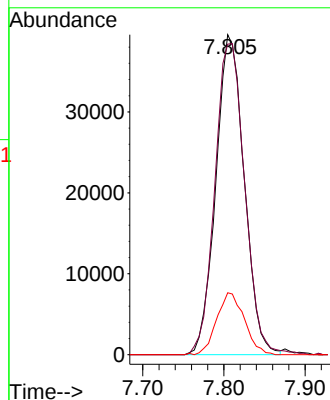
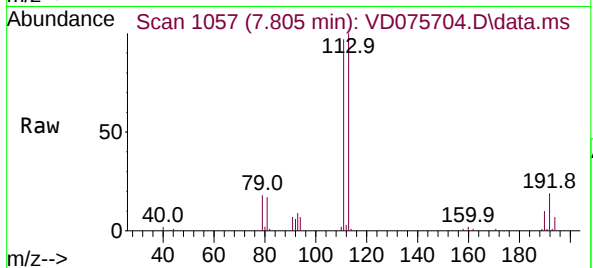
Tgt Ion:113 Resp: 96158

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.9 15.2 22.8



#50

Toluene-d8

Concen: 48.127 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075704.D

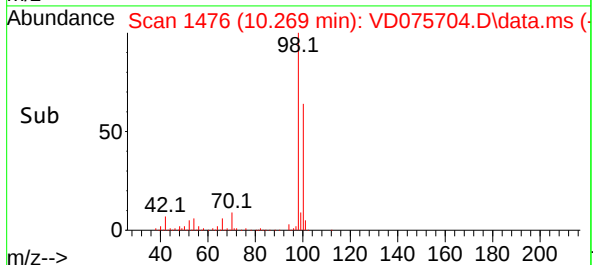
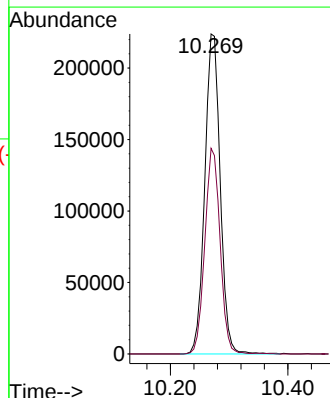
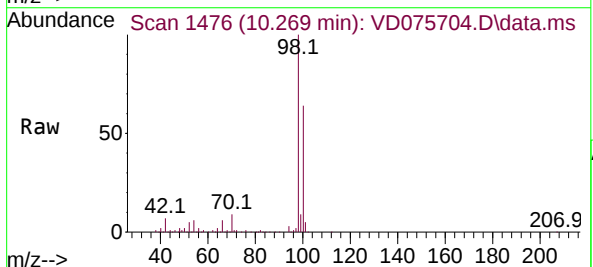
Acq: 17 Apr 2023 16:39

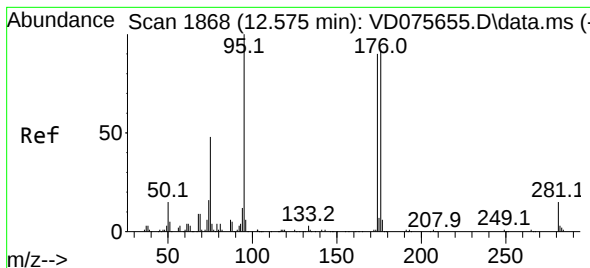
Tgt Ion: 98 Resp: 406742

Ion Ratio Lower Upper

98 100

100 63.5 52.1 78.1

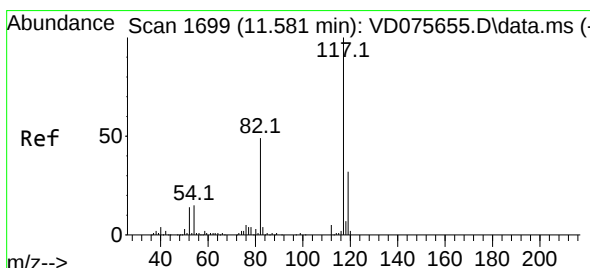
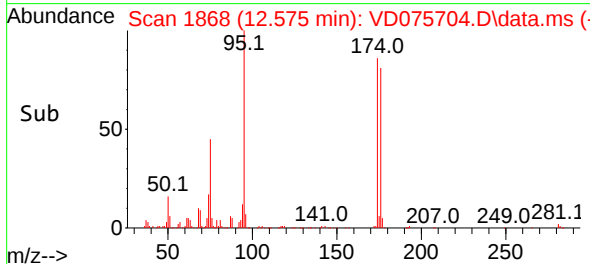
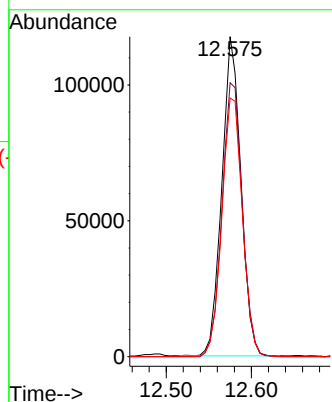
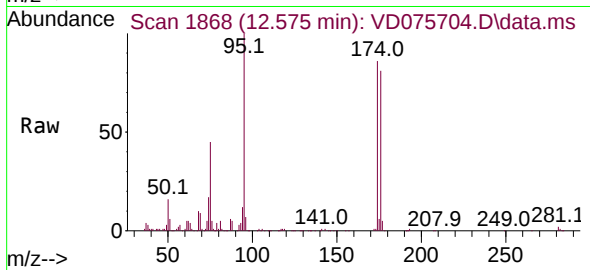




#62
4-Bromofluorobenzene
Concen: 81.444 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

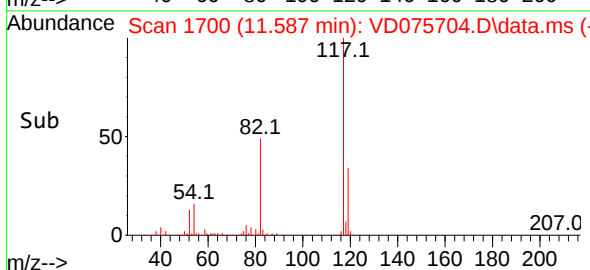
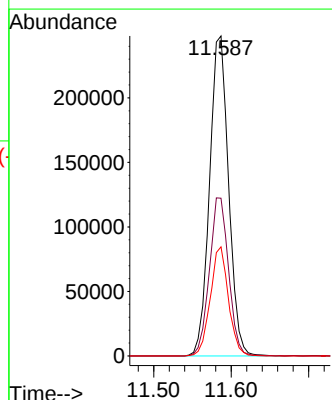
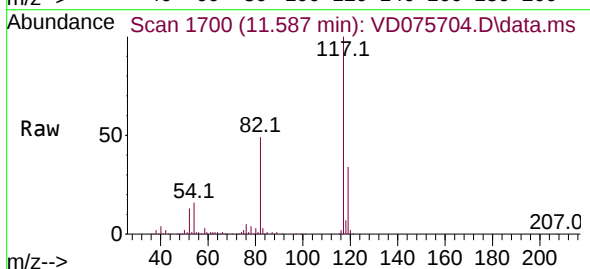
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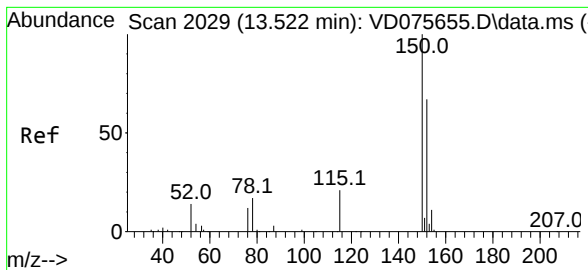
Tgt Ion: 95 Resp: 182951
Ion Ratio Lower Upper
95 100
174 91.0 0.0 164.0
176 87.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075704.D
Acq: 17 Apr 2023 16:39

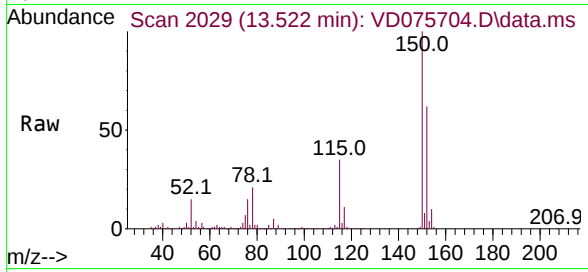
Tgt Ion: 117 Resp: 423812
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 34.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075704.D
 Acq: 17 Apr 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :
 20230295-26-1RE



Tgt Ion:152 Resp: 212712
 Ion Ratio Lower Upper
 152 100
 115 55.5 30.1 90.3
 150 160.1 0.0 364.8

