

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075795.D
 Acq On : 24 Apr 2023 14:57
 Operator : KP/SY
 Sample : 02416-03
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2-GRAB

Quant Time: Apr 25 06:09:52 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)

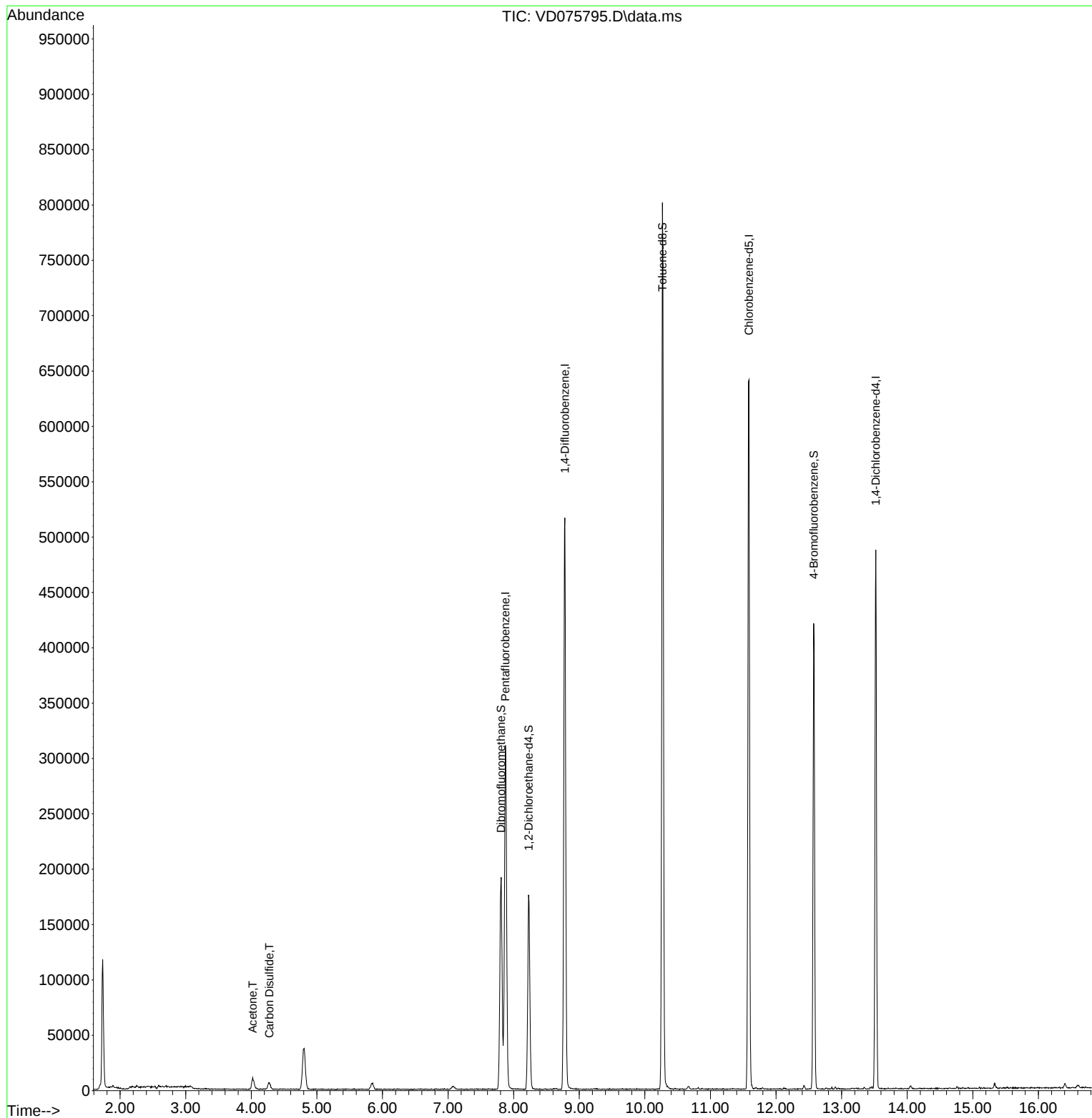
Internal Standards						
1) Pentafluorobenzene	7.875	168	259532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	505522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	422541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	143253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130986	53.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.340%
35) Dibromofluoromethane	7.810	113	144894	42.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.220%
50) Toluene-d8	10.269	98	588632	43.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.460%
62) 4-Bromofluorobenzene	12.575	95	134296	37.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.220%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	16389	36.315	ug/l	# 79
17) Carbon Disulfide	4.275	76	13649	1.435	ug/l	98

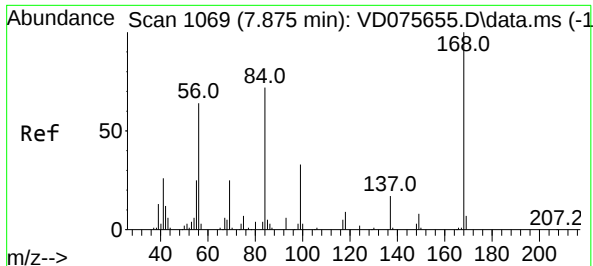
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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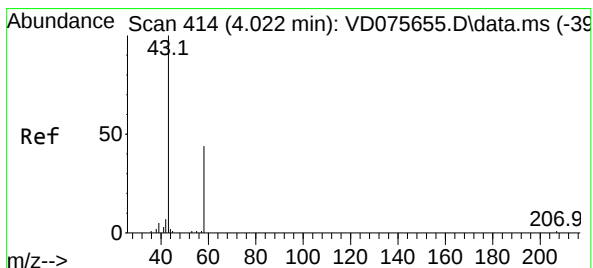
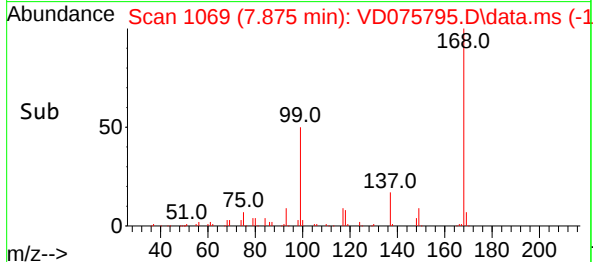
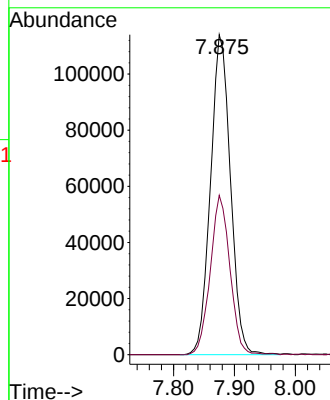
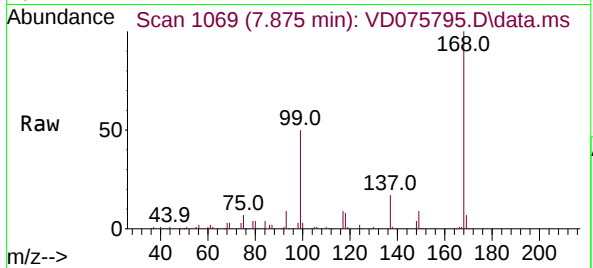




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

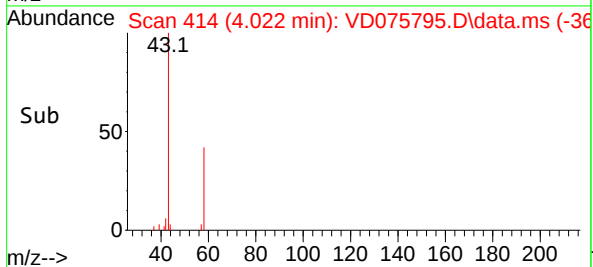
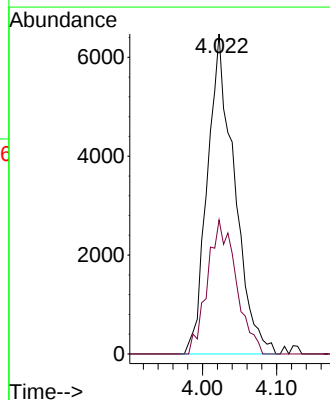
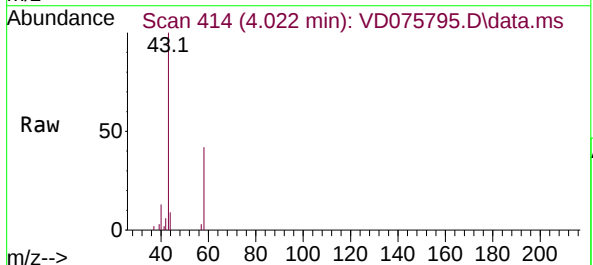
Instrument :
MSVOA_D
ClientSampleId :
2-GRAB

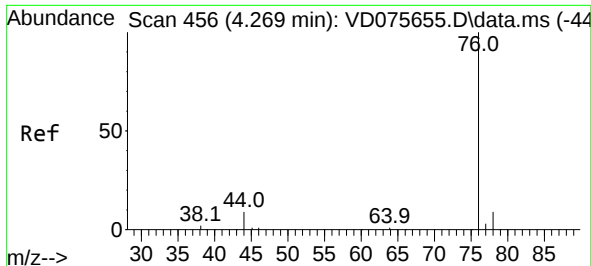
Tgt Ion:168 Resp: 259532
Ion Ratio Lower Upper
168 100
99 49.8 43.8 65.6



#16
Acetone
Concen: 36.315 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

Tgt Ion: 43 Resp: 16389
Ion Ratio Lower Upper
43 100
58 41.9 24.4 36.6#

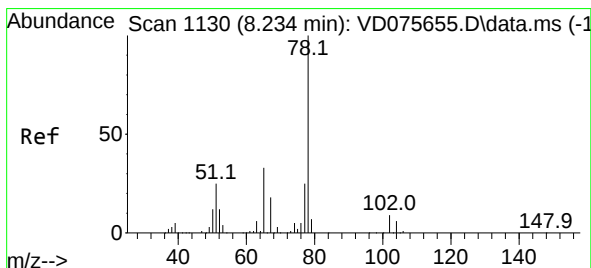
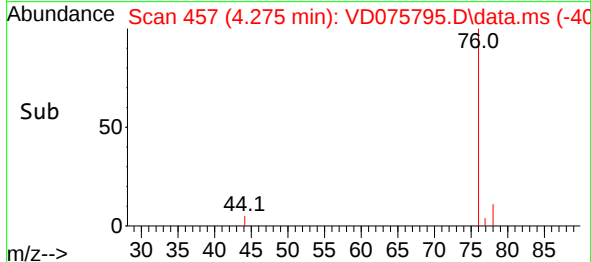
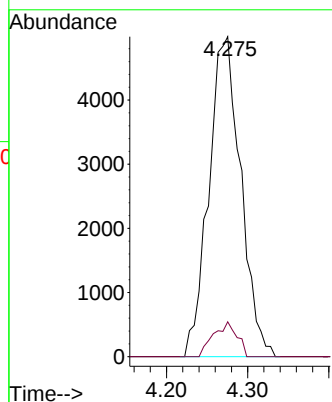
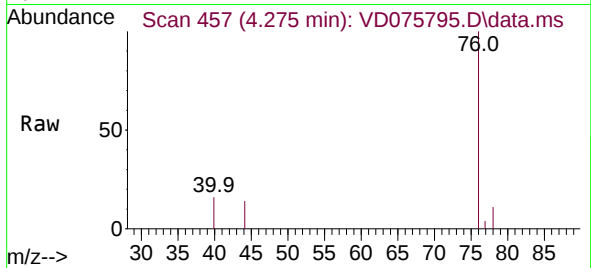




#17
Carbon Disulfide
Concen: 1.435 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

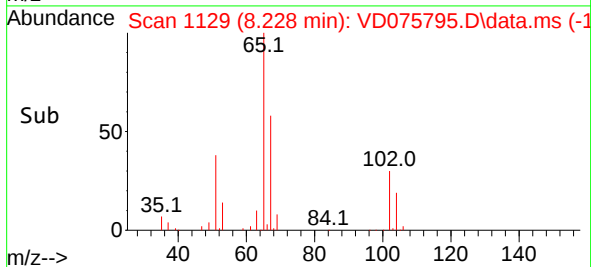
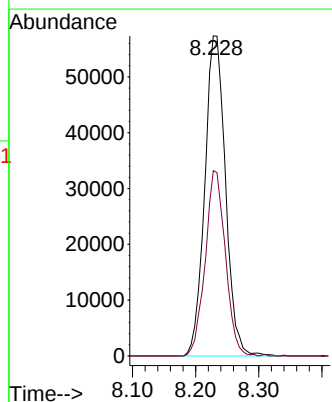
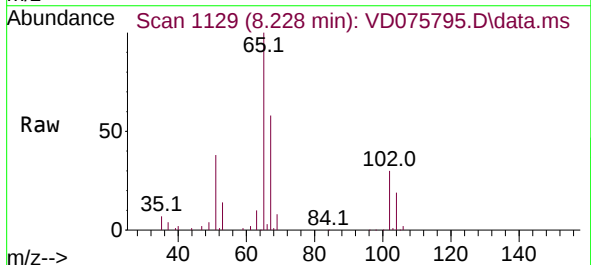
Instrument :
MSVOA_D
ClientSampleId :
2-GRAB

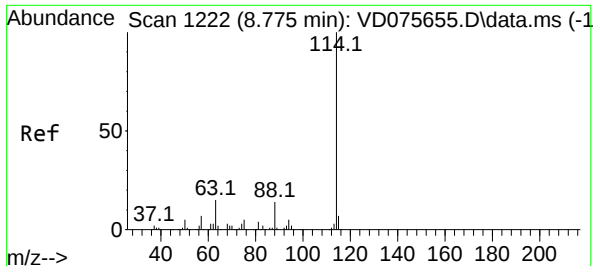
Tgt Ion: 76 Resp: 13649
Ion Ratio Lower Upper
76 100
78 10.9 8.0 12.0



#33
1,2-Dichloroethane-d4
Concen: 53.172 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

Tgt Ion: 65 Resp: 130986
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075795.D

Acq: 24 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

2-GRAB

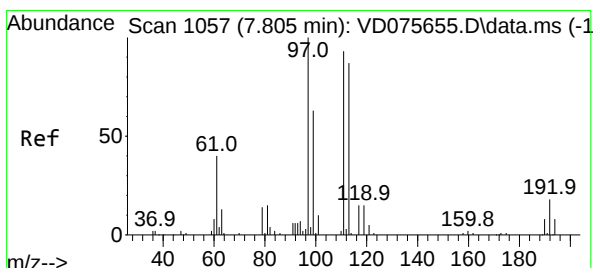
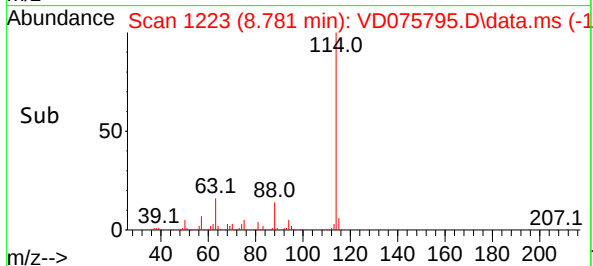
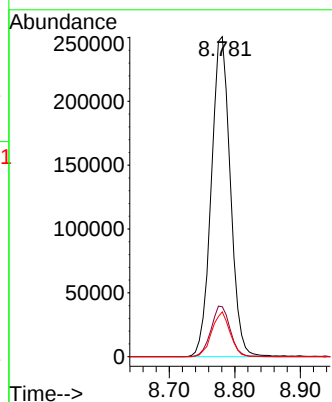
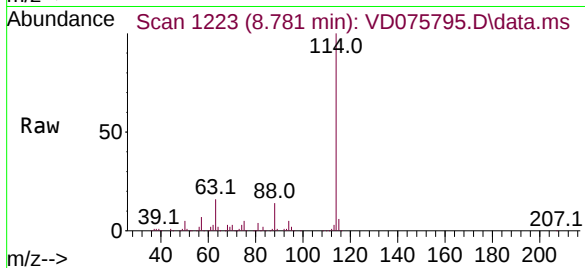
Tgt Ion:114 Resp: 505522

Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 42.614 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075795.D

Acq: 24 Apr 2023 14:57

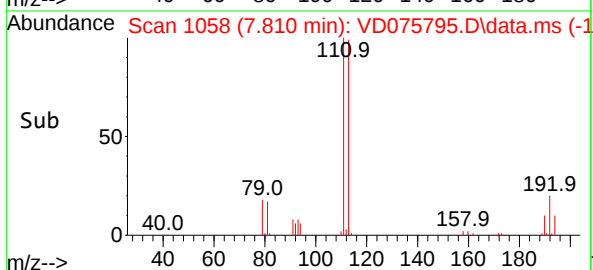
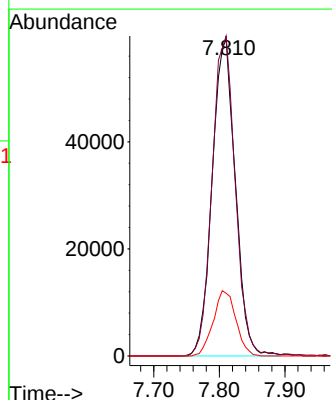
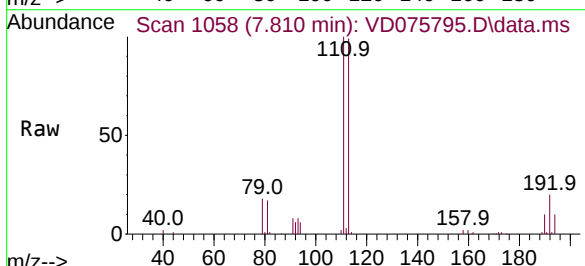
Tgt Ion:113 Resp: 144894

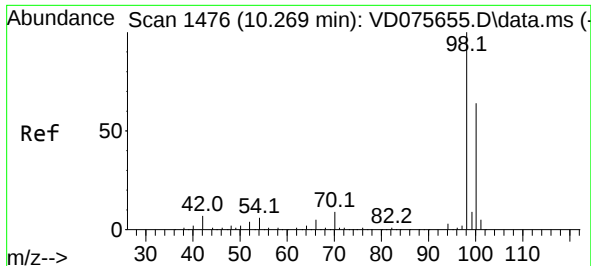
Ion Ratio Lower Upper

113 100

111 100.9 81.4 122.0

192 20.2 15.2 22.8

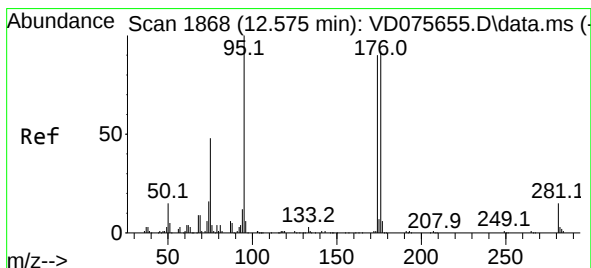
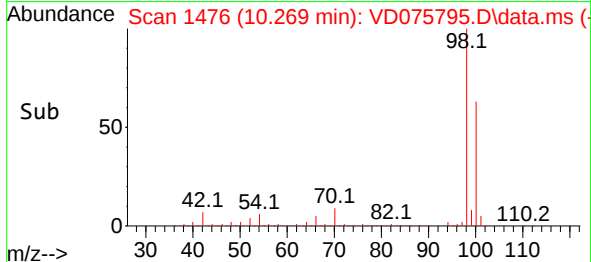
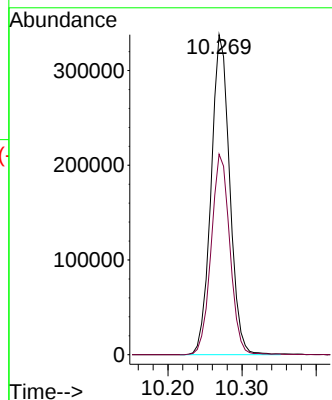
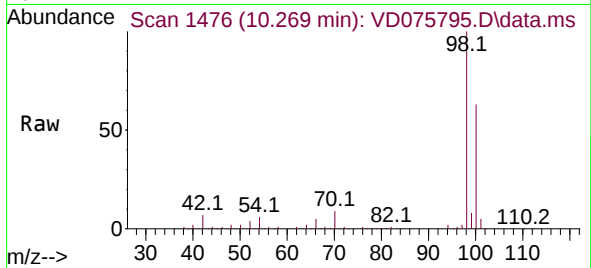




#50
Toluene-d8
Concen: 43.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

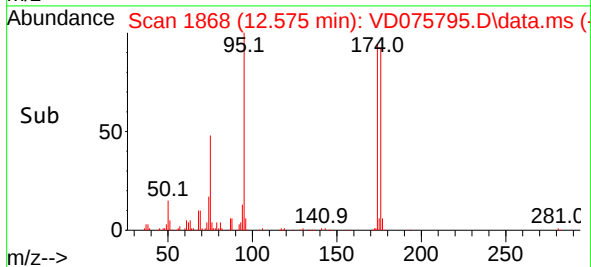
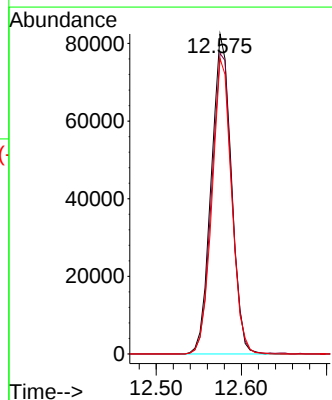
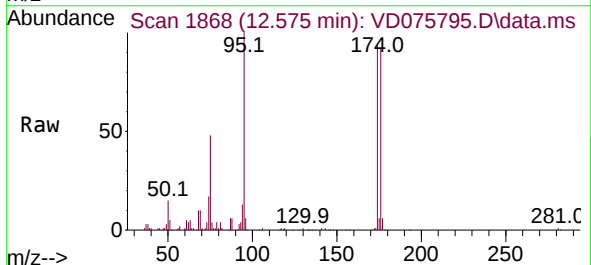
Instrument :
MSVOA_D
ClientSampleId :
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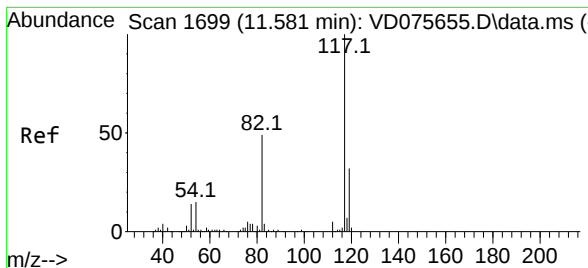
Tgt Ion: 98 Resp: 588632
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 37.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075795.D
Acq: 24 Apr 2023 14:57

Tgt Ion: 95 Resp: 134296
Ion Ratio Lower Upper
95 100
174 94.6 0.0 164.0
176 90.2 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 117

Delta R.T. 0.006 min

Lab File: VD075795.D

Acq: 24 Apr 2023 14:57

Instrument :

MSVOA_D

ClientSampleId :

2-GRAB

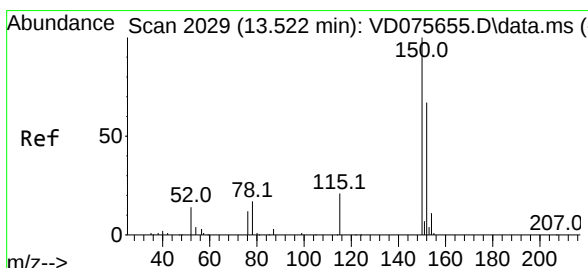
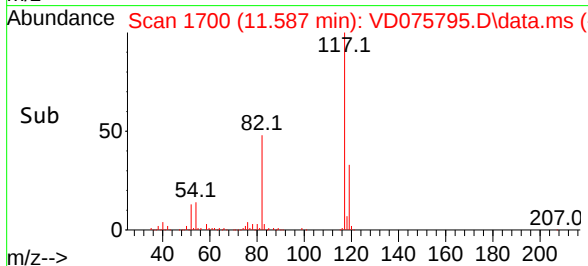
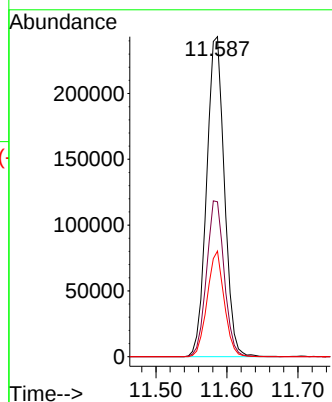
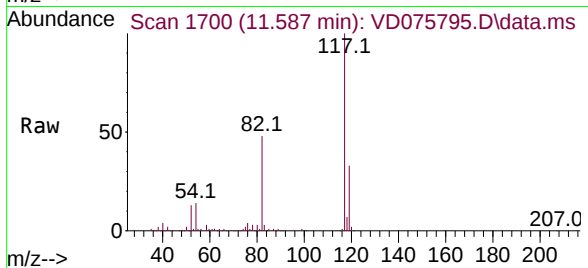
Tgt Ion:117 Resp: 422541

Ion Ratio Lower Upper

117 100

82 48.4 44.0 66.0

119 33.0 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075795.D

Acq: 24 Apr 2023 14:57

Tgt Ion:152 Resp: 143253

Ion Ratio Lower Upper

152 100

115 53.5 30.1 90.3

150 158.4 0.0 364.8

