

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075687.D
 Acq On : 14 Apr 2023 19:03
 Operator : KP/SY
 Sample : 02348-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-041323

Quant Time: Apr 17 09:13:54 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)

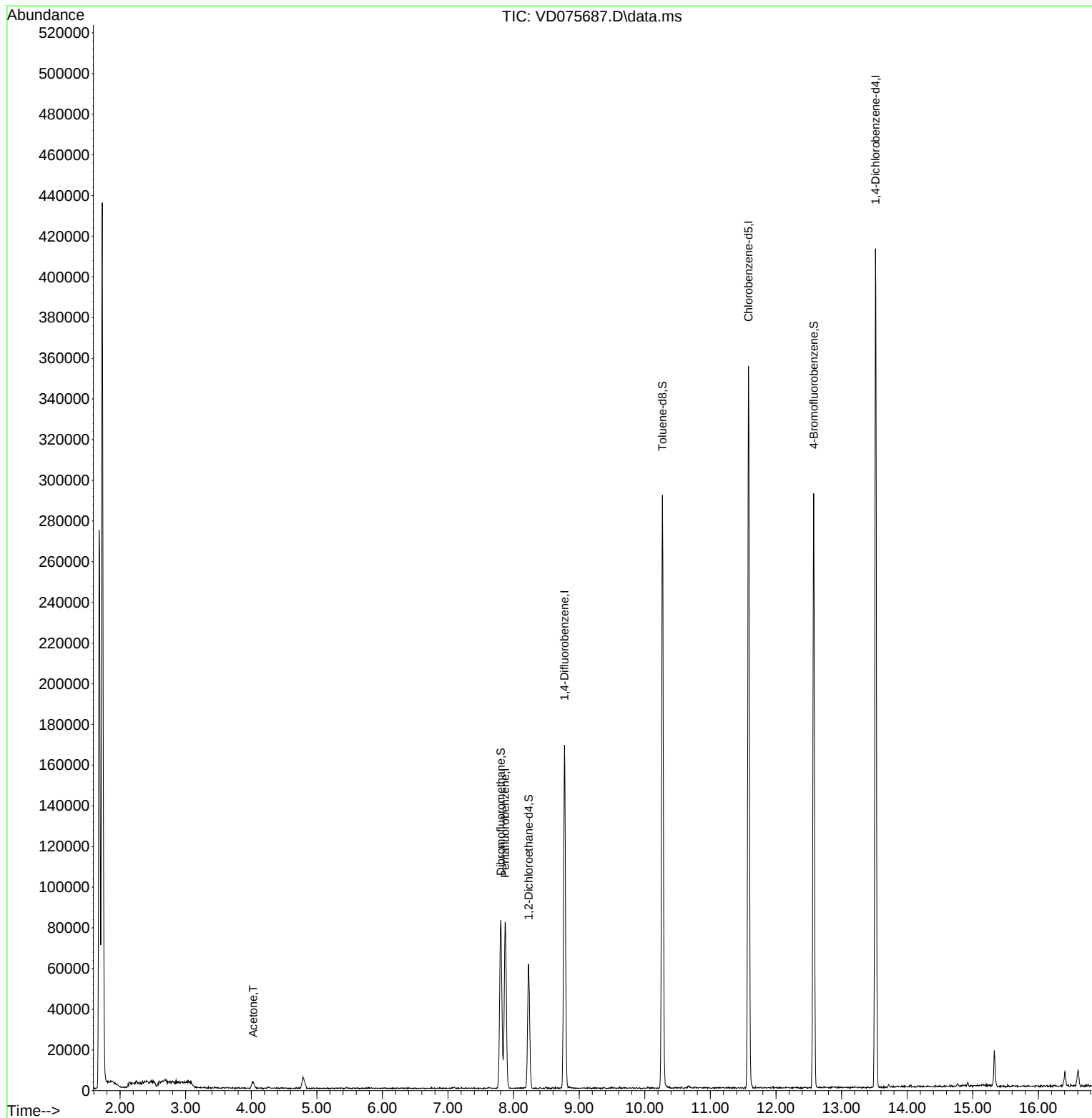
Internal Standards						
1) Pentafluorobenzene	7.869	168	67658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	160425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46174	71.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.800%
35) Dibromofluoromethane	7.805	113	62330	57.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.540%
50) Toluene-d8	10.269	98	218162	50.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.575	95	91712	79.853	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	159.700%#
Target Compounds						
16) Acetone	4.028	43	5656	48.074	ug/l	Qvalue 95

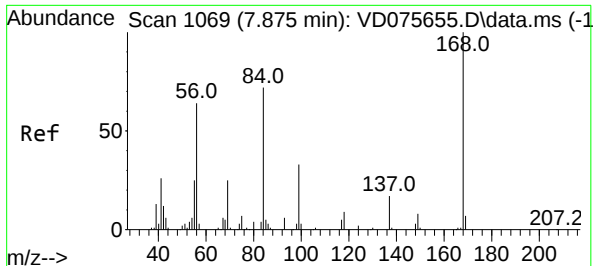
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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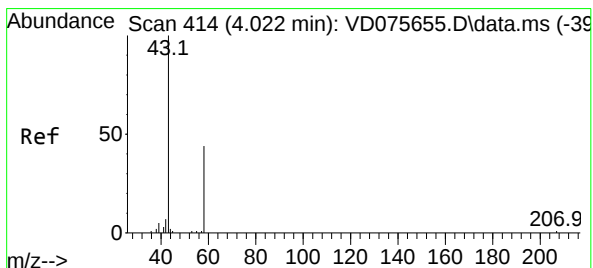
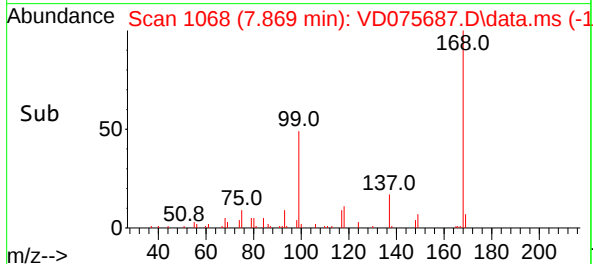
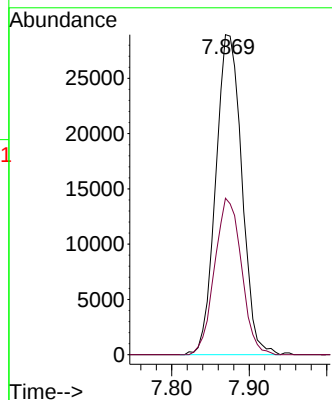
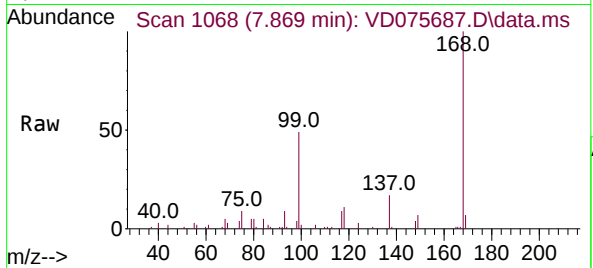




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075687.D
Acq: 14 Apr 2023 19:03

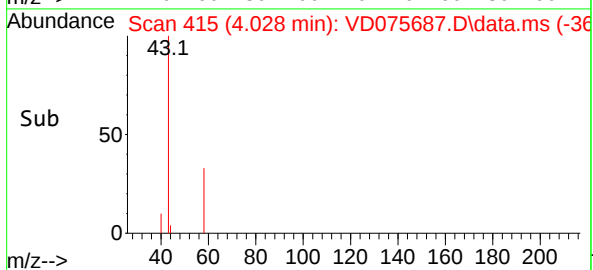
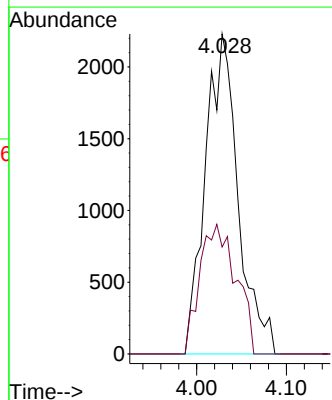
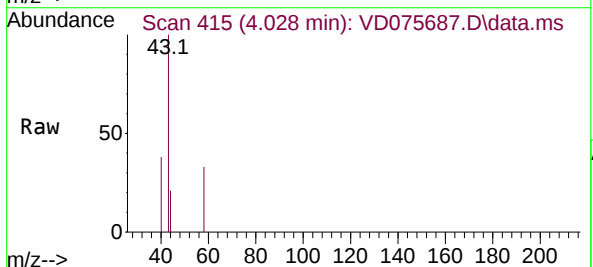
Instrument :
MSVOA_D
ClientSampleId :
TR-05-041323

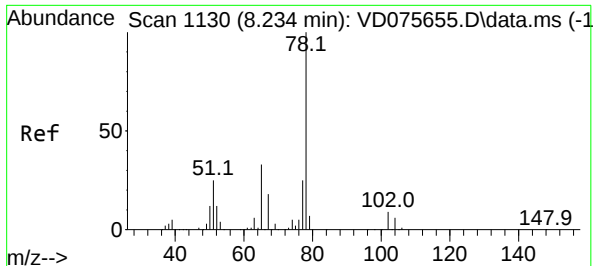
Tgt Ion:168 Resp: 67658
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#16
Acetone
Concen: 48.074 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075687.D
Acq: 14 Apr 2023 19:03

Tgt Ion: 43 Resp: 5656
Ion Ratio Lower Upper
43 100
58 33.4 24.4 36.6





#33

1,2-Dichloroethane-d4

Concen: 71.899 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075687.D

Acq: 14 Apr 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

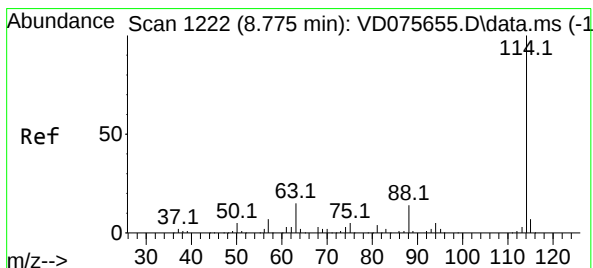
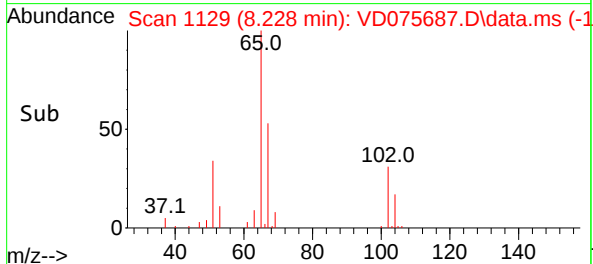
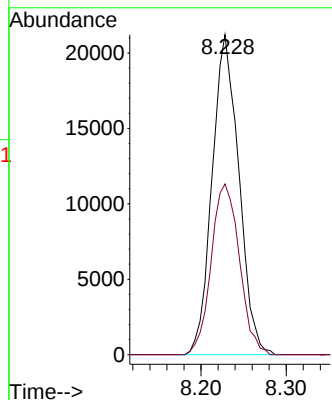
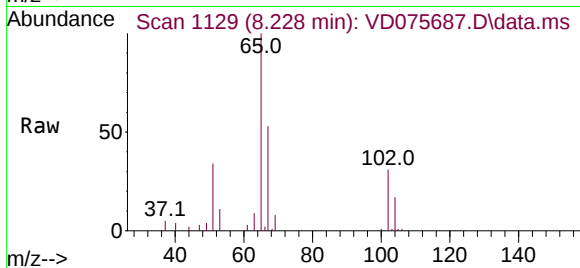
TR-05-041323

Tgt Ion: 65 Resp: 46174

Ion Ratio Lower Upper

65 100

67 56.4 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: VD075687.D

Acq: 14 Apr 2023 19:03

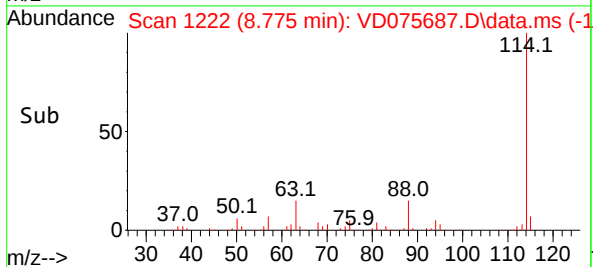
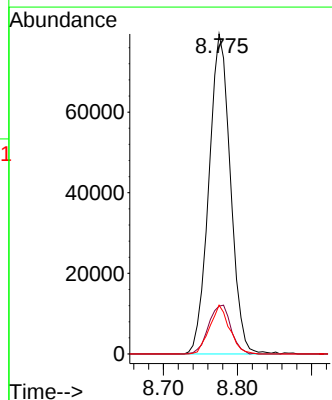
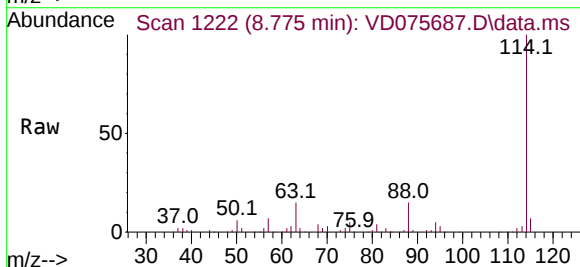
Tgt Ion: 114 Resp: 160425

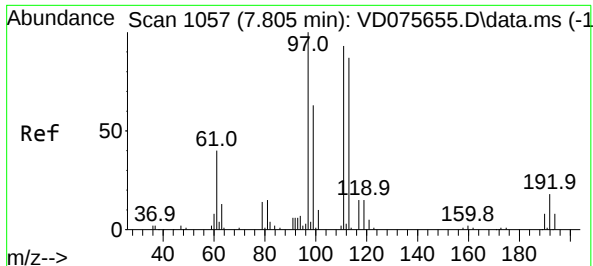
Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.766 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075687.D

Acq: 14 Apr 2023 19:03

Instrument :

MSVOA_D

ClientSampleId :

TR-05-041323

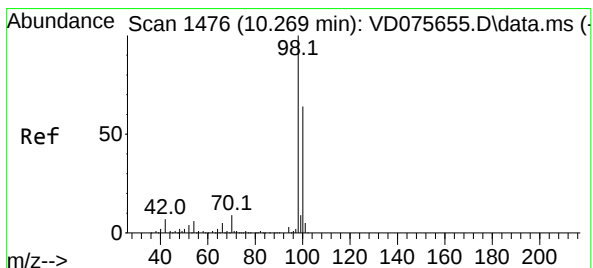
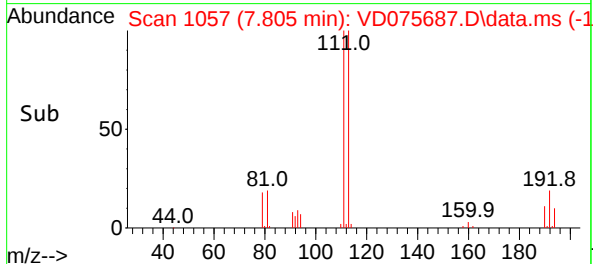
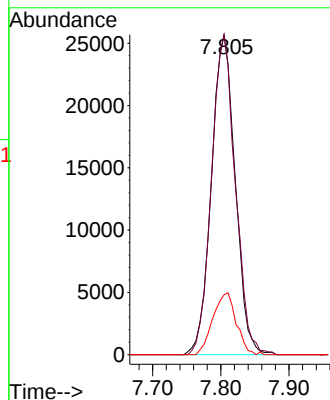
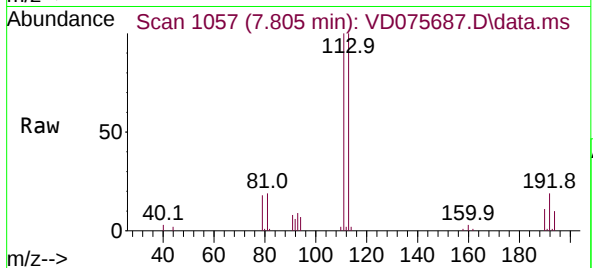
Tgt Ion:113 Resp: 62330

Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

192 19.0 15.2 22.8



#50

Toluene-d8

Concen: 50.489 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075687.D

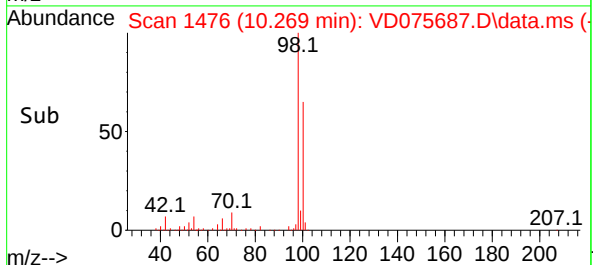
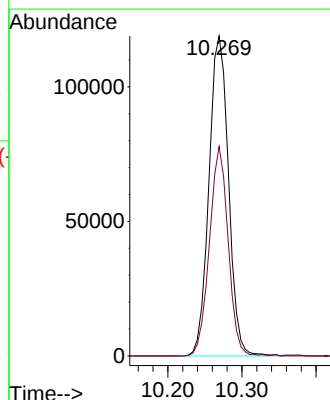
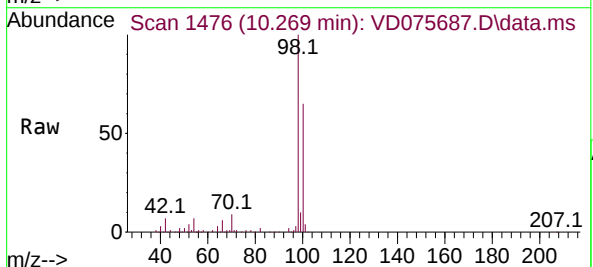
Acq: 14 Apr 2023 19:03

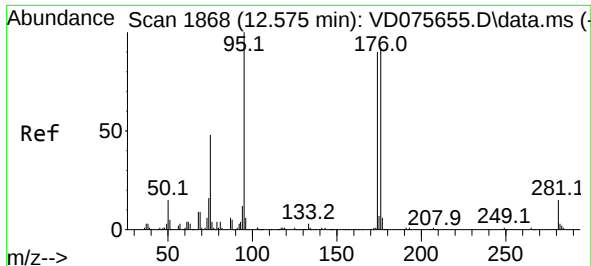
Tgt Ion: 98 Resp: 218162

Ion Ratio Lower Upper

98 100

100 62.7 52.1 78.1

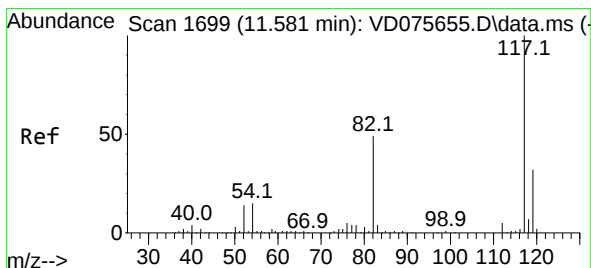
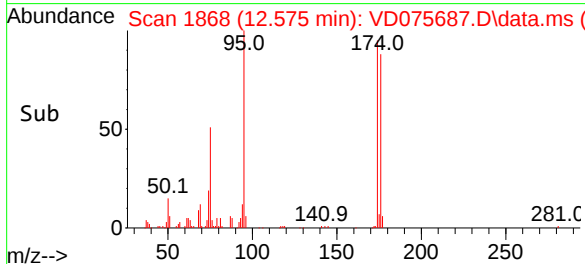
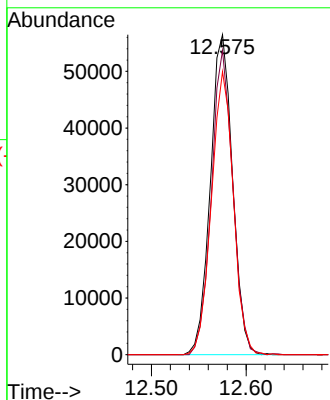
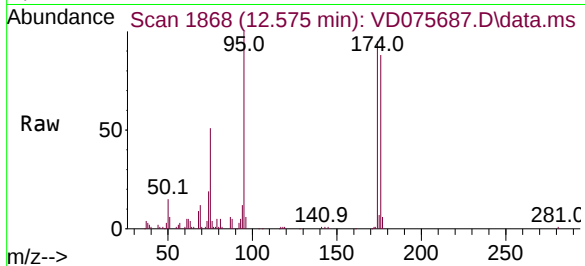




#62
4-Bromofluorobenzene
Concen: 79.853 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075687.D
Acq: 14 Apr 2023 19:03

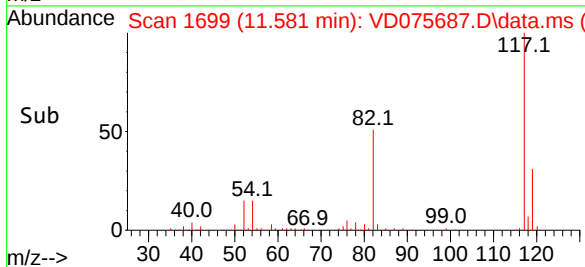
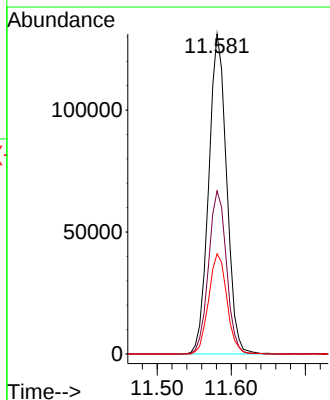
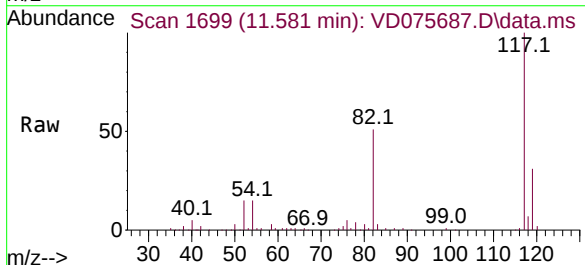
Instrument :
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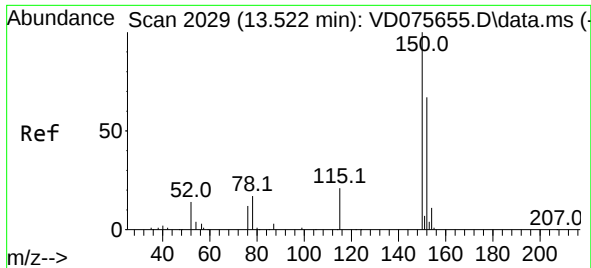
Tgt Ion: 95 Resp: 91712
Ion Ratio Lower Upper
95 100
174 91.9 0.0 164.0
176 87.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075687.D
Acq: 14 Apr 2023 19:03

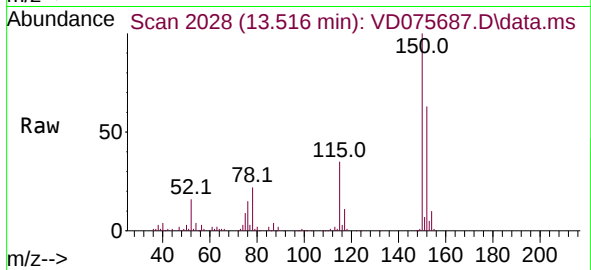
Tgt Ion: 117 Resp: 220173
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 31.3 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD075687.D
 Acq: 14 Apr 2023 19:03

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-041323



Tgt Ion:152 Resp: 120235
 Ion Ratio Lower Upper
 152 100
 115 53.5 30.1 90.3
 150 153.5 0.0 364.8

