

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075690.D
 Acq On : 14 Apr 2023 20:35
 Operator : KP/SY
 Sample : 02347-03
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230271-20-1

Quant Time: Apr 17 09:17:31 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)

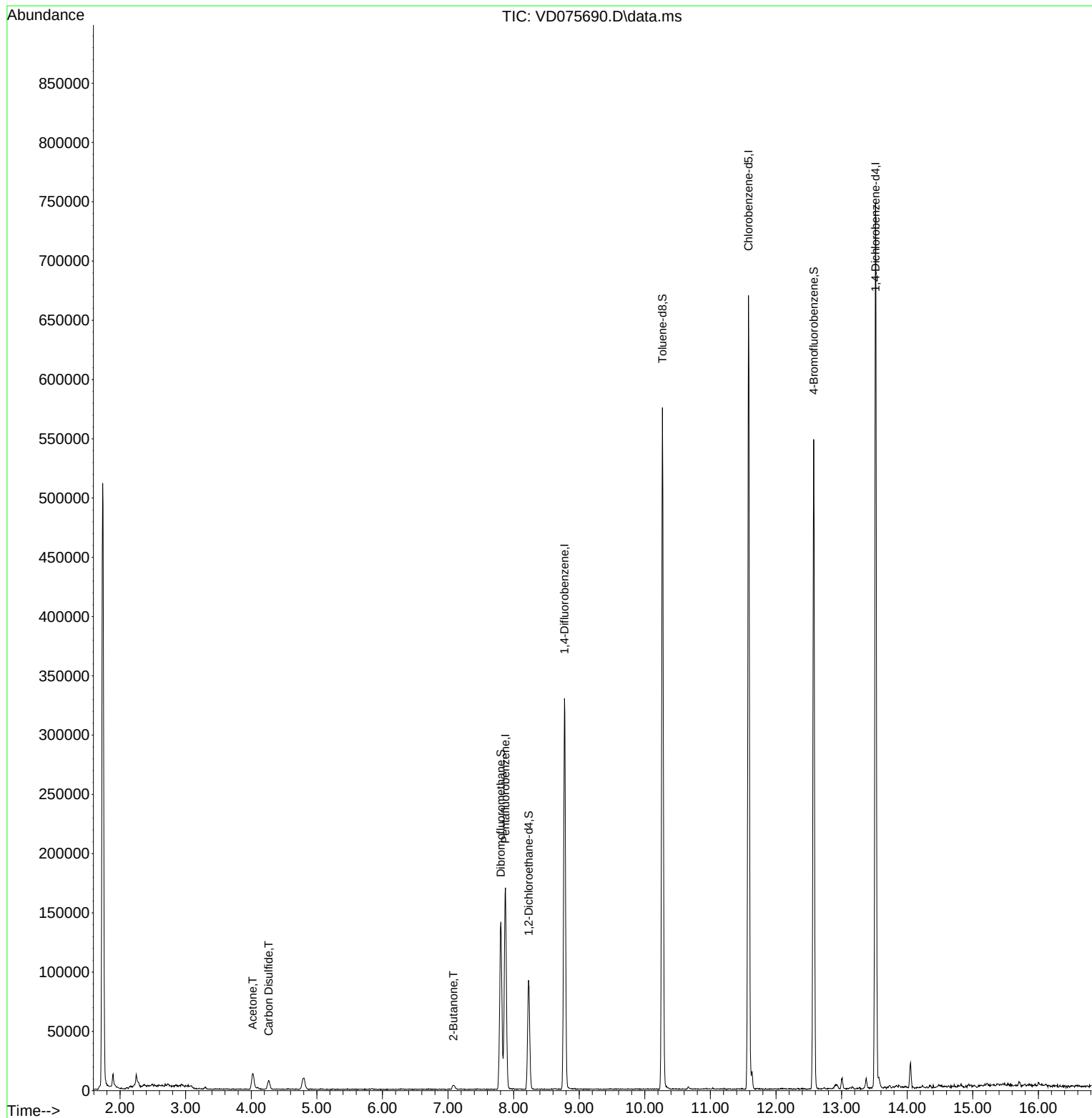
Internal Standards						
1) Pentafluorobenzene	7.875	168	135616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	314418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	411480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	210935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71058	55.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.805	113	104398	49.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.269	98	423733	50.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.575	95	173257	76.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	153.940%#
Target Compounds						
						Qvalue
16) Acetone	4.022	43	22479	95.320	ug/l #	78
17) Carbon Disulfide	4.264	76	15580	3.134	ug/l	99
25) 2-Butanone	7.081	43	5346	17.607	ug/l	94

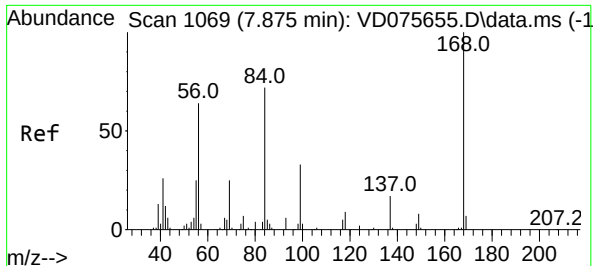
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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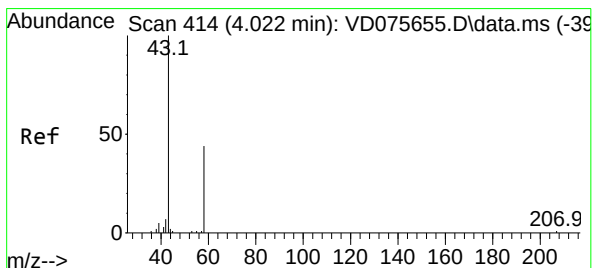
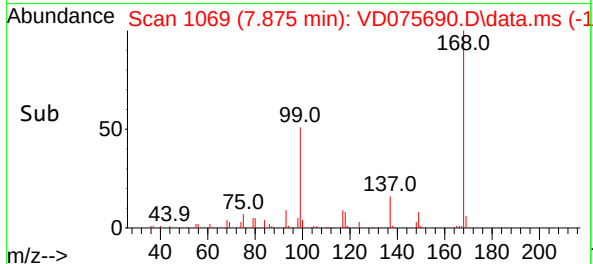
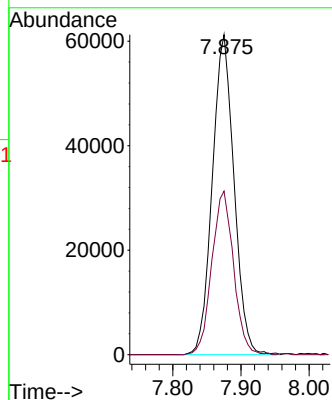
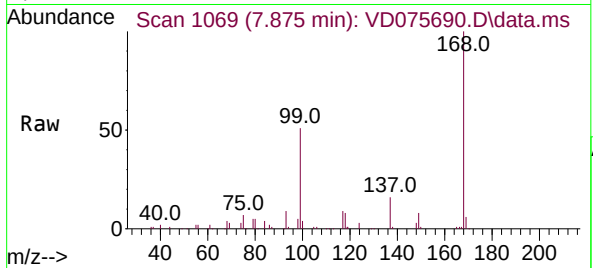




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

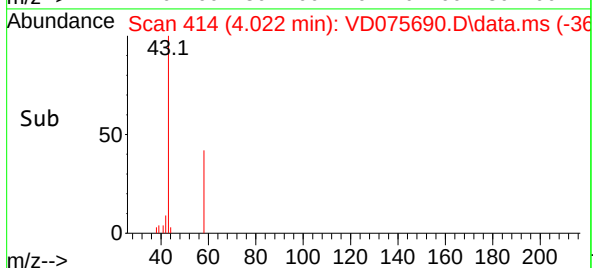
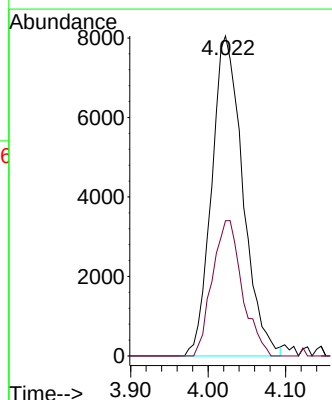
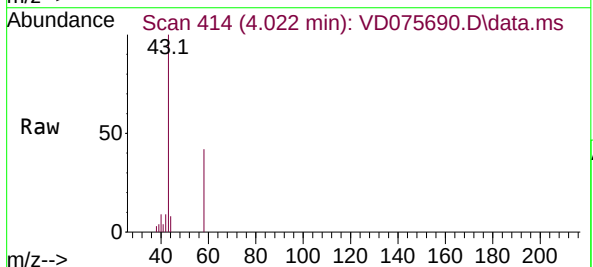
Instrument :
MSVOA_D
ClientSampleId :
20230271-20-1

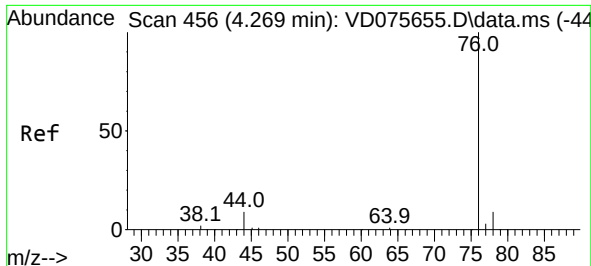
Tgt Ion:168 Resp: 135616
Ion Ratio Lower Upper
168 100
99 51.1 43.8 65.6



#16
Acetone
Concen: 95.320 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

Tgt Ion: 43 Resp: 22479
Ion Ratio Lower Upper
43 100
58 42.2 24.4 36.6#

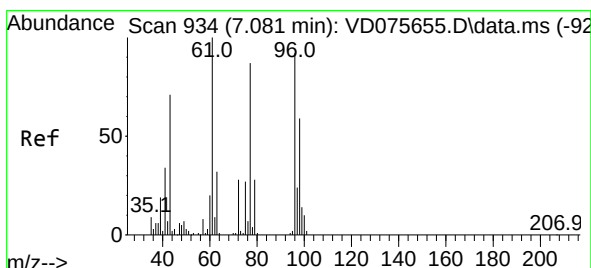
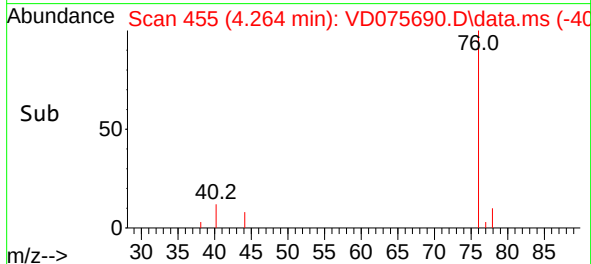
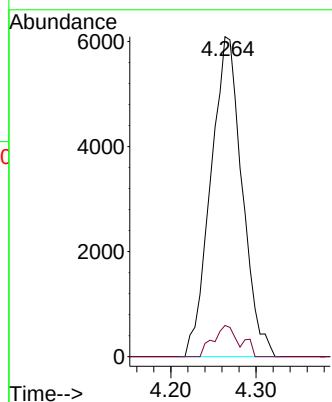
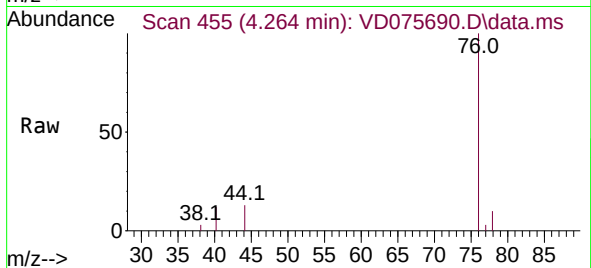




#17
Carbon Disulfide
Concen: 3.134 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

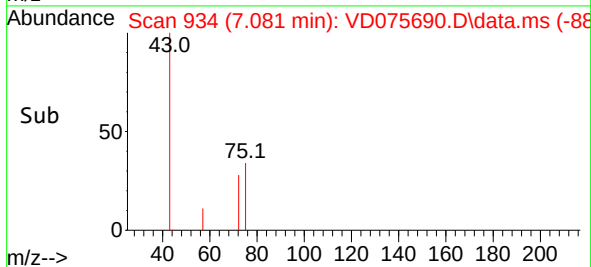
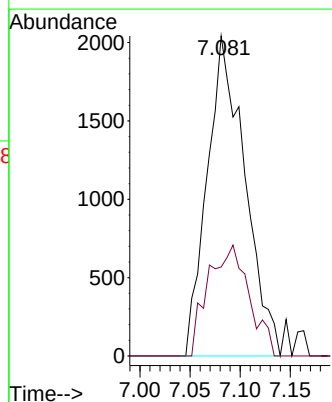
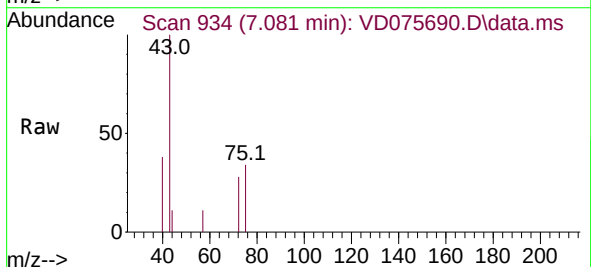
Instrument :
MSVOA_D
ClientSampleId :
20230271-20-1

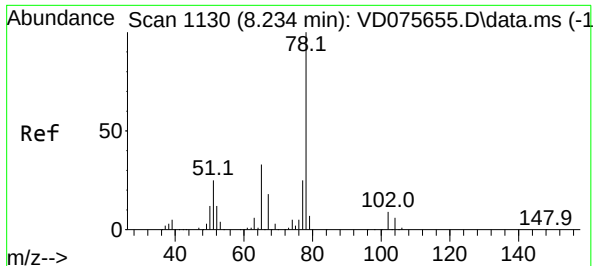
Tgt Ion: 76 Resp: 15580
Ion Ratio Lower Upper
76 100
78 9.7 8.0 12.0



#25
2-Butanone
Concen: 17.607 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

Tgt Ion: 43 Resp: 5346
Ion Ratio Lower Upper
43 100
72 27.8 19.8 29.8





#33

1,2-Dichloroethane-d4

Concen: 55.201 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075690.D

Acq: 14 Apr 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

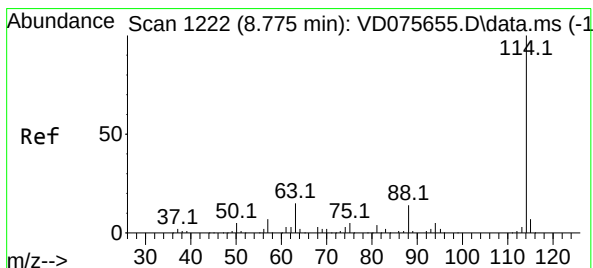
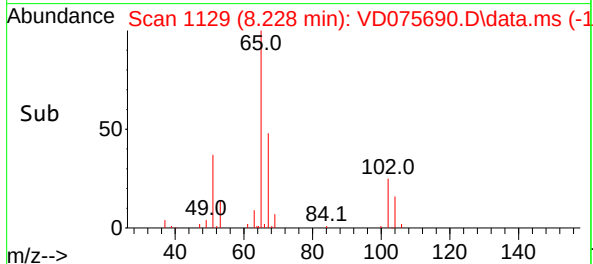
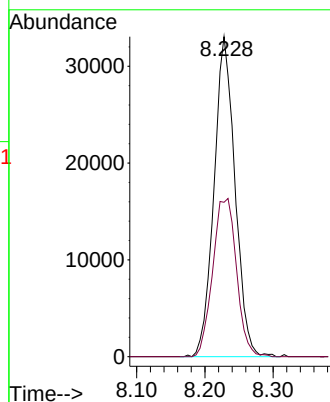
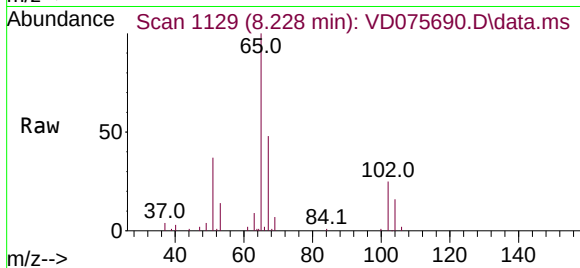
20230271-20-1

Tgt Ion: 65 Resp: 71058

Ion Ratio Lower Upper

65 100

67 55.8 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: VD075690.D

Acq: 14 Apr 2023 20:35

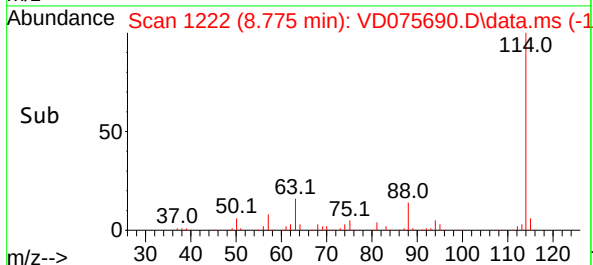
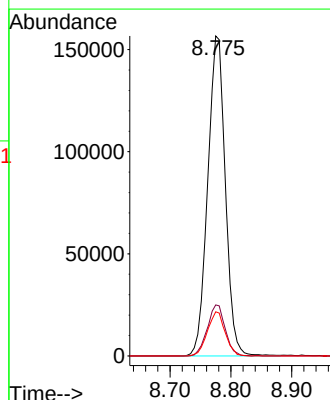
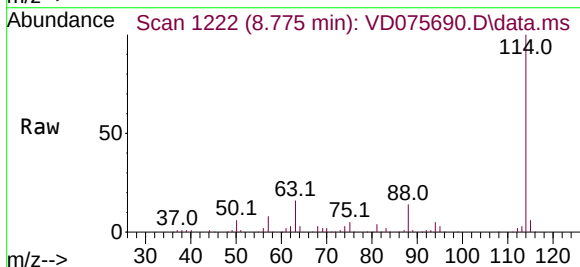
Tgt Ion: 114 Resp: 314418

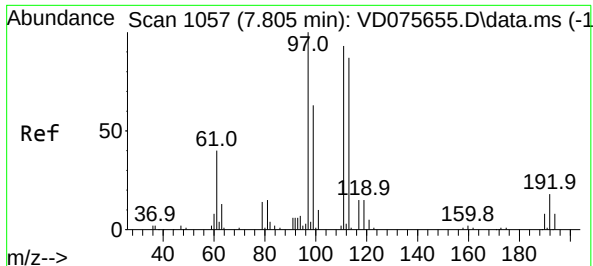
Ion Ratio Lower Upper

114 100

63 15.9 0.0 41.6

88 13.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.366 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075690.D

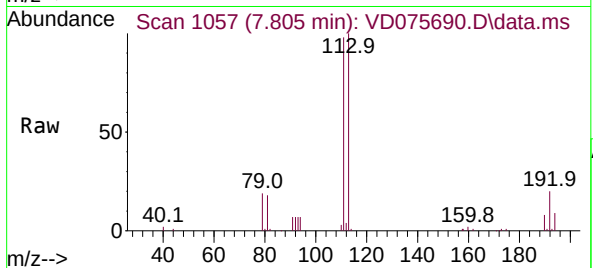
Acq: 14 Apr 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

20230271-20-1



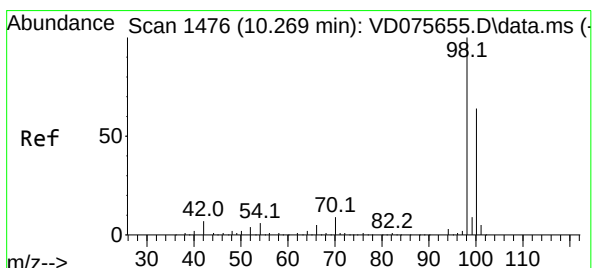
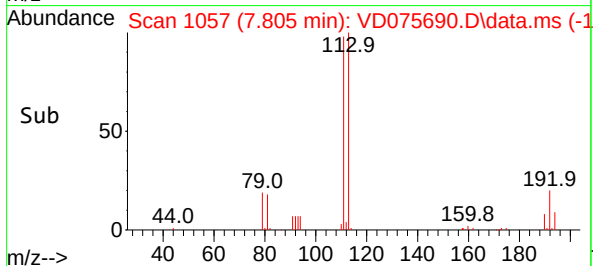
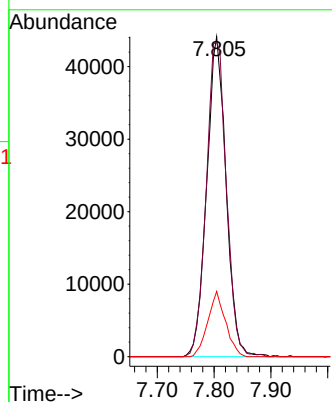
Tgt Ion:113 Resp: 104398

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 18.7 15.2 22.8



#50

Toluene-d8

Concen: 50.035 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075690.D

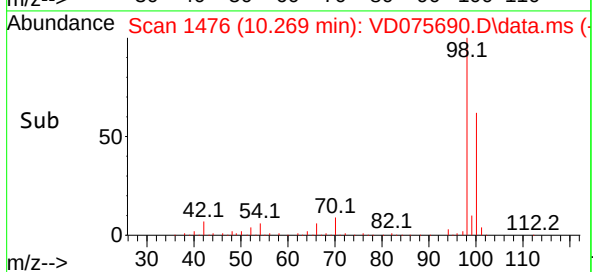
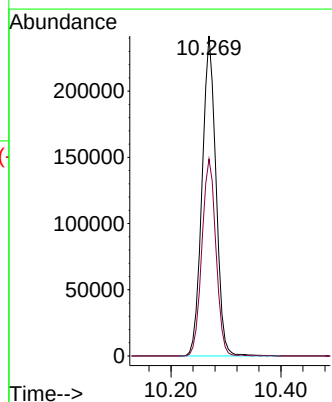
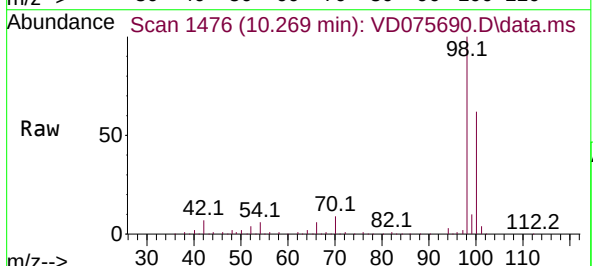
Acq: 14 Apr 2023 20:35

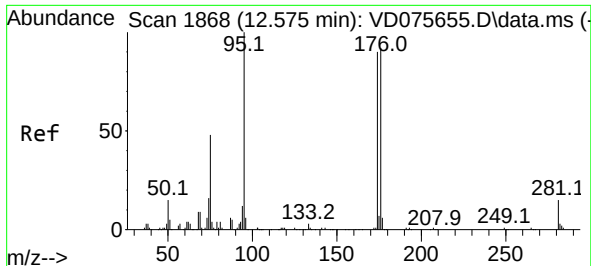
Tgt Ion: 98 Resp: 423733

Ion Ratio Lower Upper

98 100

100 62.1 52.1 78.1

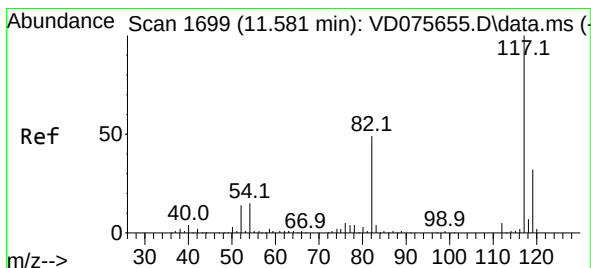
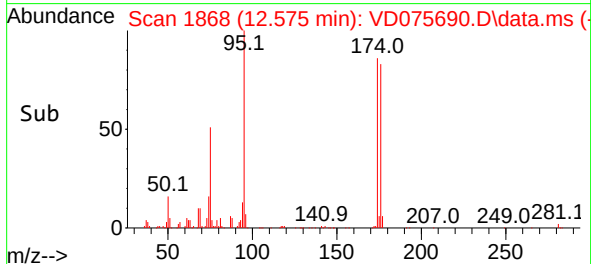
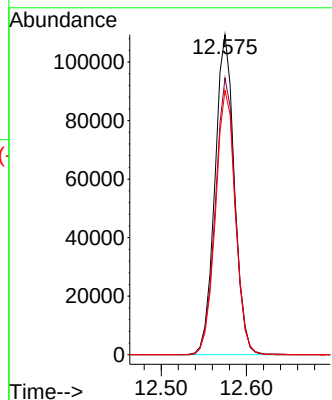
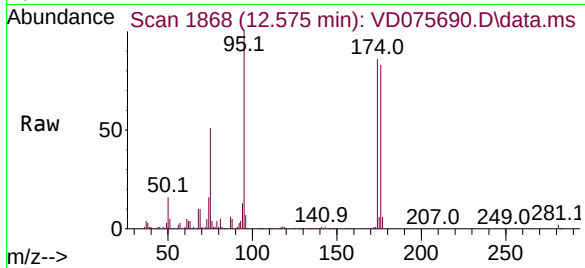




#62
4-Bromofluorobenzene
Concen: 76.970 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

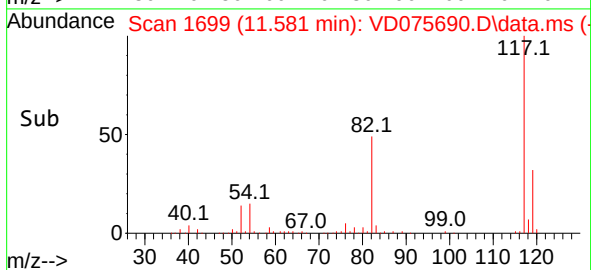
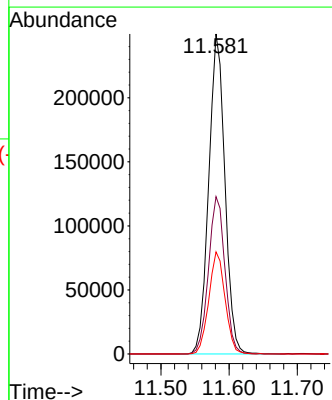
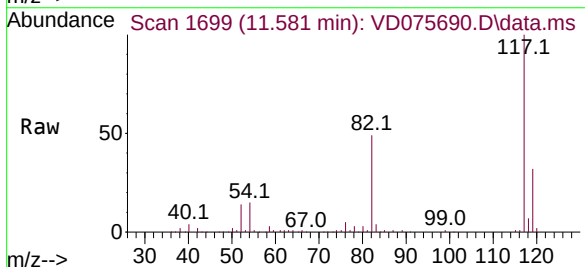
Instrument :
MSVOA_D
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20230271-20-1

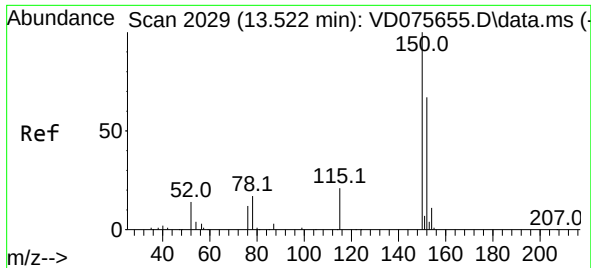
Tgt Ion: 95 Resp: 173257
Ion Ratio Lower Upper
95 100
174 88.0 0.0 164.0
176 84.3 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075690.D
Acq: 14 Apr 2023 20:35

Tgt Ion: 117 Resp: 411480
Ion Ratio Lower Upper
117 100
82 49.2 44.0 66.0
119 31.9 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: VD075690.D

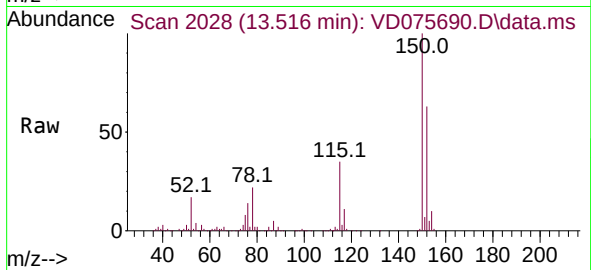
Acq: 14 Apr 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

20230271-20-1



Tgt Ion:152 Resp: 210935

Ion Ratio Lower Upper

152 100

115 54.9 30.1 90.3

150 157.9 0.0 364.8

