

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041423\
 Data File : VD075691.D
 Acq On : 14 Apr 2023 21:06
 Operator : KP/SY
 Sample : 02347-04
 Misc : 4.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20230295-26-1

Quant Time: Apr 17 09:17:58 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)

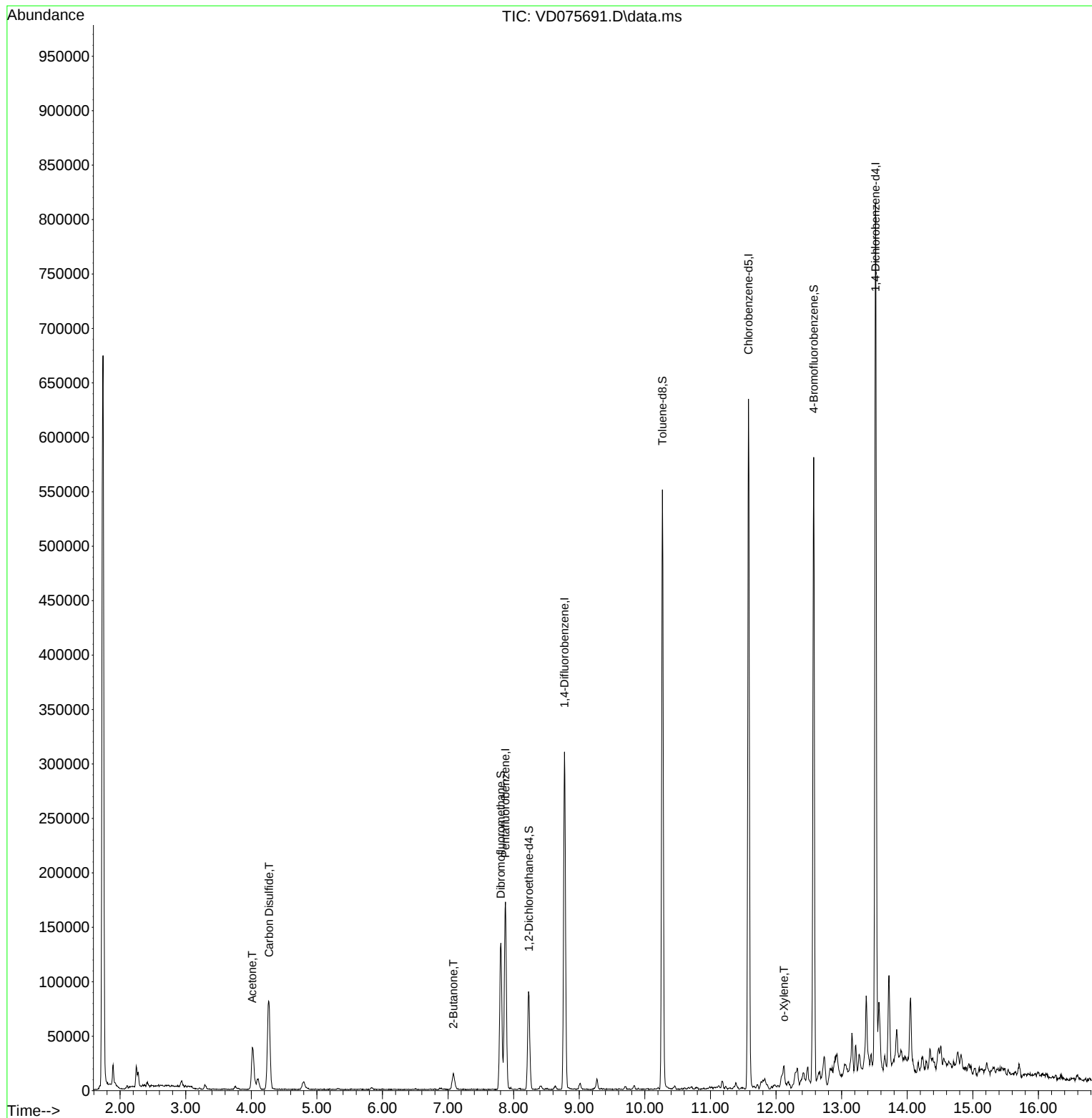
Internal Standards						
1) Pentafluorobenzene	7.875	168	137127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	299941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	392530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	239567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68536	52.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.320%
35) Dibromofluoromethane	7.804	113	100088	49.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.269	98	402614	49.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.680%
62) 4-Bromofluorobenzene	12.575	95	172879	80.509	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	161.020%#
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	62410	261.729	ug/l #	81
17) Carbon Disulfide	4.269	76	183103	36.430	ug/l	95
25) 2-Butanone	7.081	43	18205	59.296	ug/l #	73
69) o-Xylene	12.122	106	5067	1.002	ug/l	94

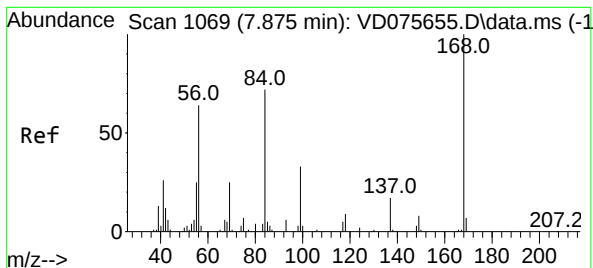
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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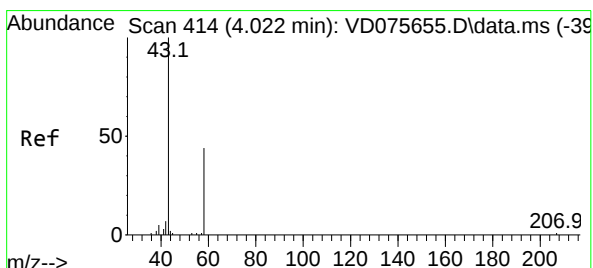
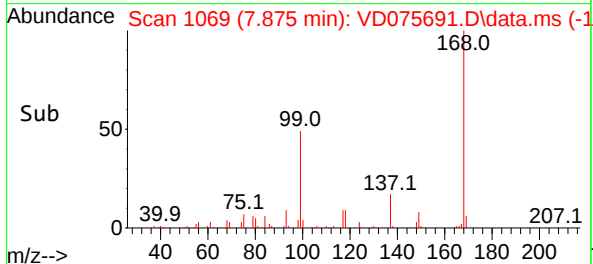
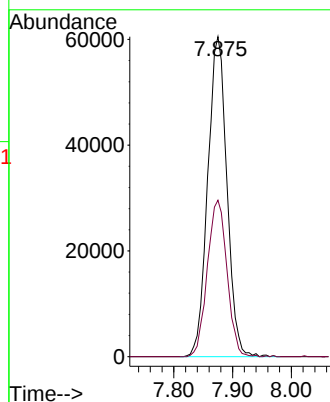
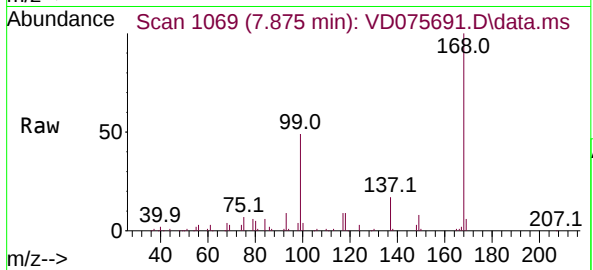




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

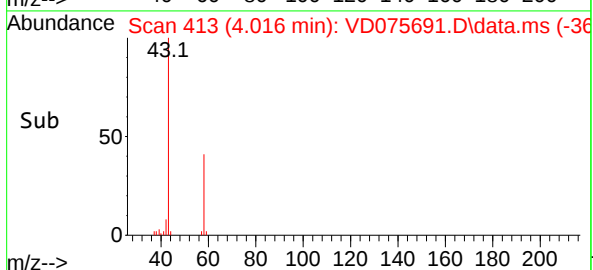
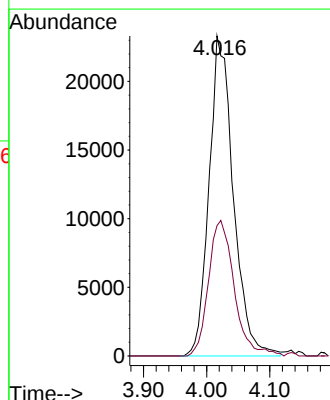
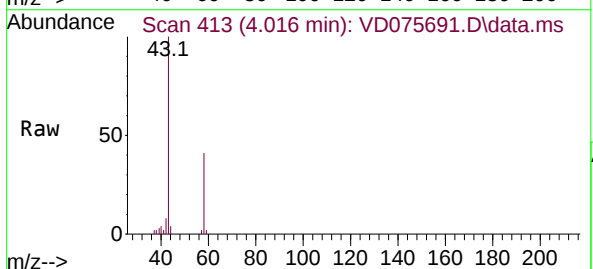
Instrument :
MSVOA_D
ClientSampleId :
20230295-26-1

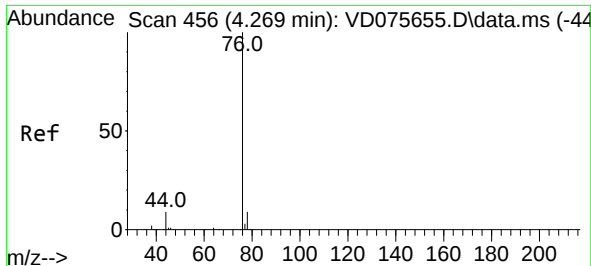
Tgt Ion:168 Resp: 137127
Ion Ratio Lower Upper
168 100
99 48.9 43.8 65.6



#16
Acetone
Concen: 261.729 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

Tgt Ion: 43 Resp: 62410
Ion Ratio Lower Upper
43 100
58 40.7 24.4 36.6#

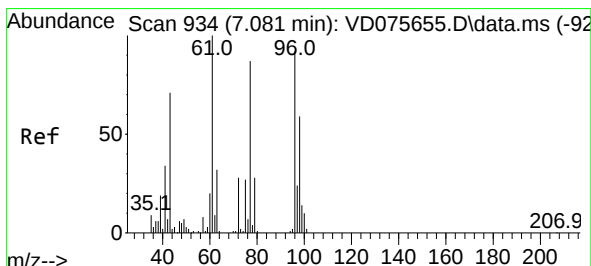
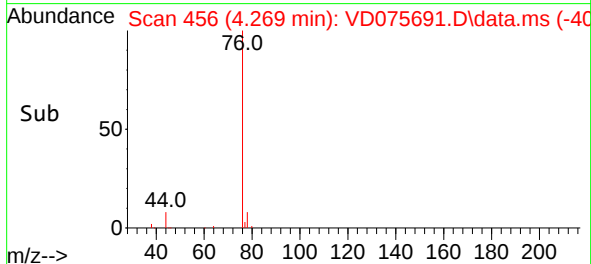
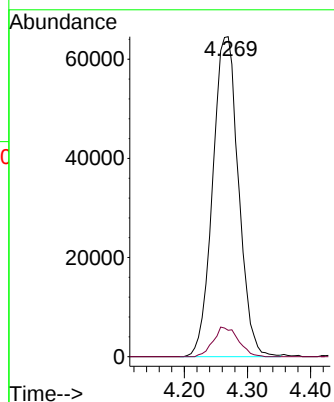
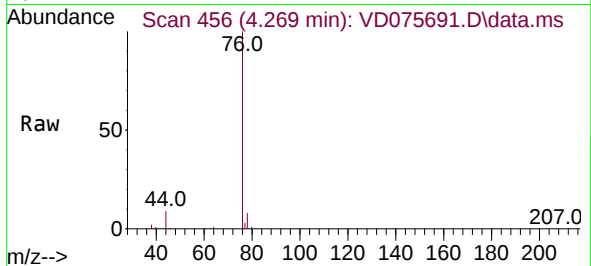




#17
Carbon Disulfide
Concen: 36.430 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

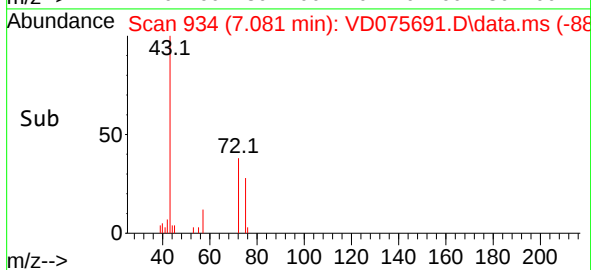
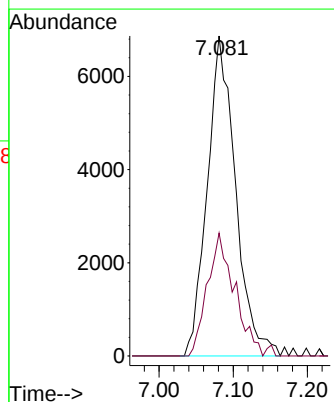
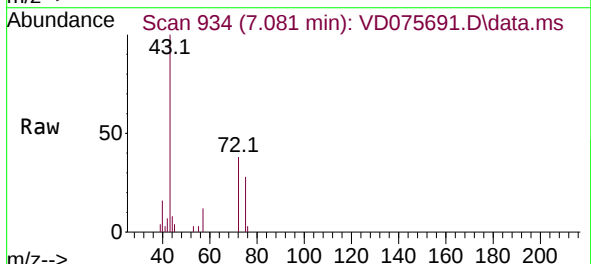
Instrument :
MSVOA_D
ClientSampleId :
20230295-26-1

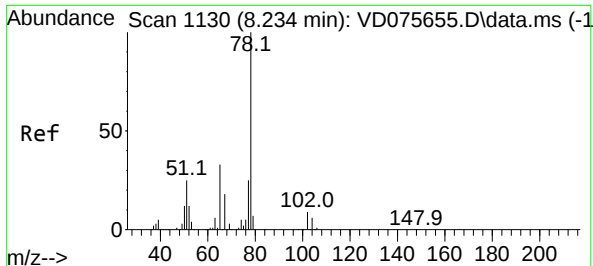
Tgt Ion: 76 Resp: 183103
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#25
2-Butanone
Concen: 59.296 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

Tgt Ion: 43 Resp: 18205
Ion Ratio Lower Upper
43 100
72 38.4 19.8 29.8#





#33

1,2-Dichloroethane-d4

Concen: 52.655 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075691.D

Acq: 14 Apr 2023 21:06

Instrument :

MSVOA_D

ClientSampleId :

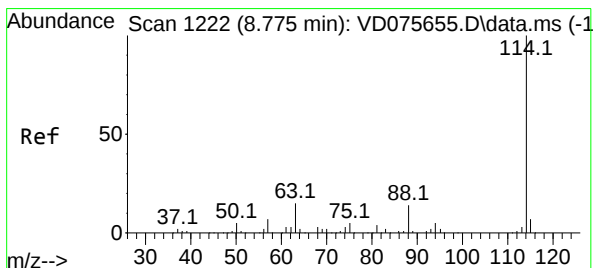
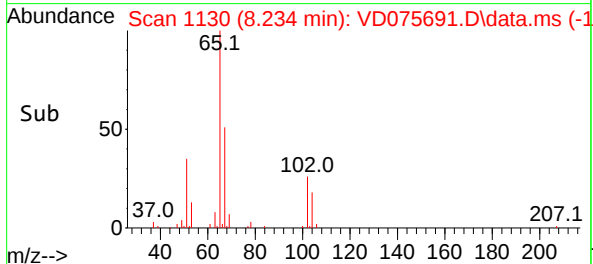
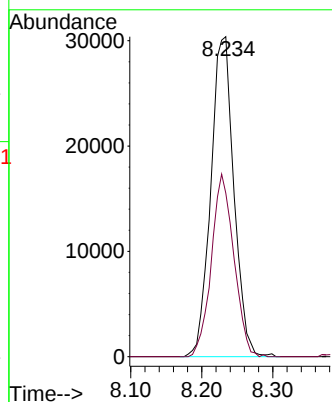
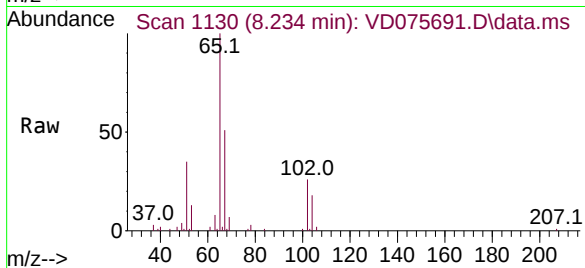
20230295-26-1

Tgt Ion: 65 Resp: 68536

Ion Ratio Lower Upper

65 100

67 55.5 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: VD075691.D

Acq: 14 Apr 2023 21:06

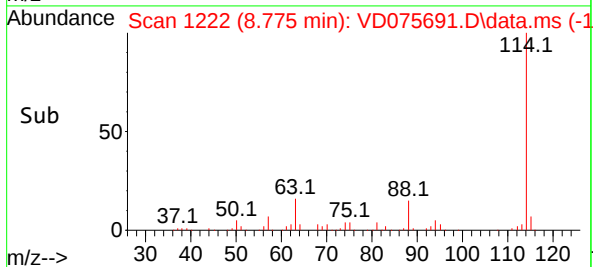
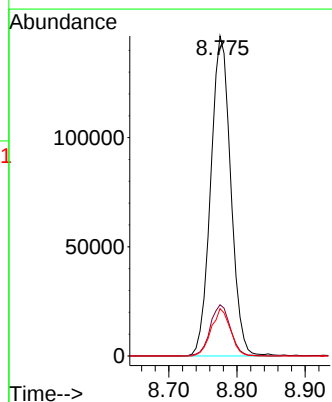
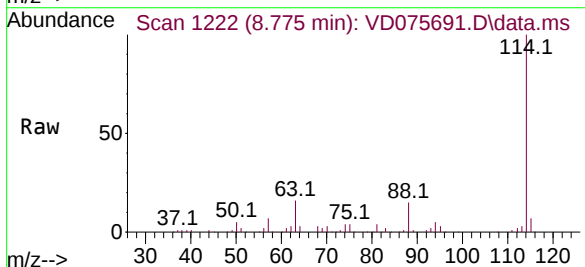
Tgt Ion: 114 Resp: 299941

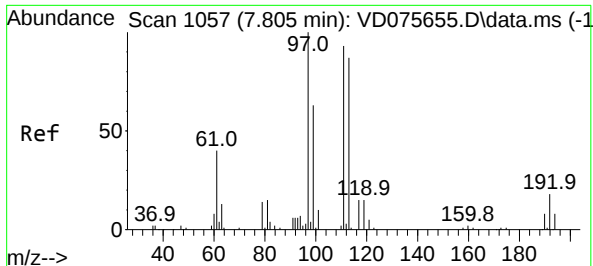
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.6

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.612 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD075691.D

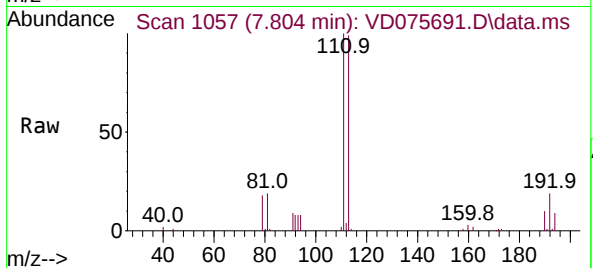
Acq: 14 Apr 2023 21:06

Instrument :

MSVOA_D

ClientSampleId :

20230295-26-1



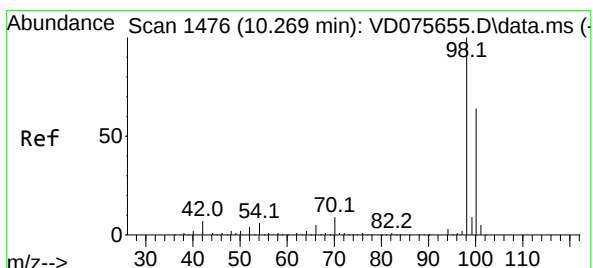
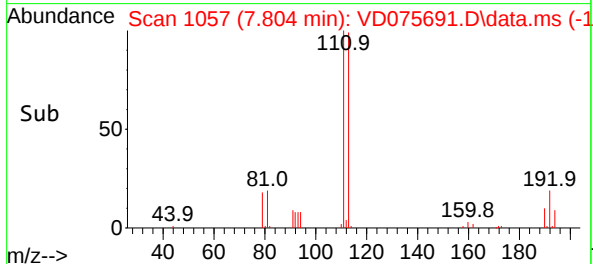
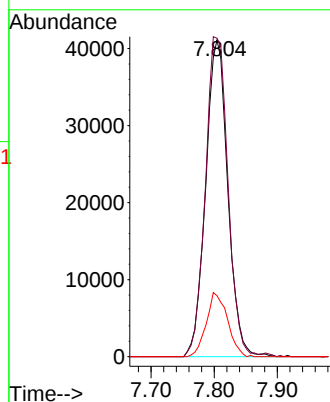
Tgt Ion:113 Resp: 100088

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.4 15.2 22.8



#50

Toluene-d8

Concen: 49.836 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075691.D

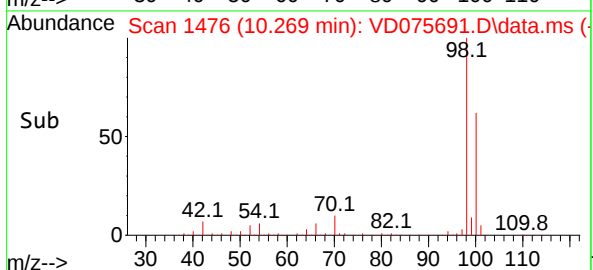
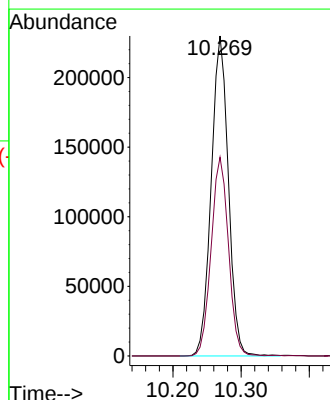
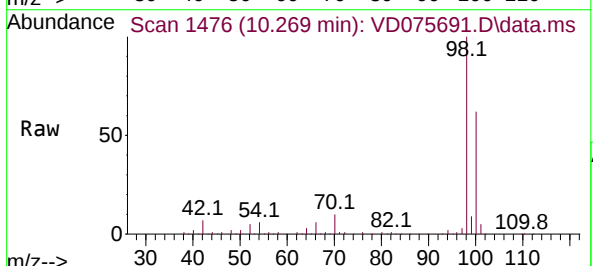
Acq: 14 Apr 2023 21:06

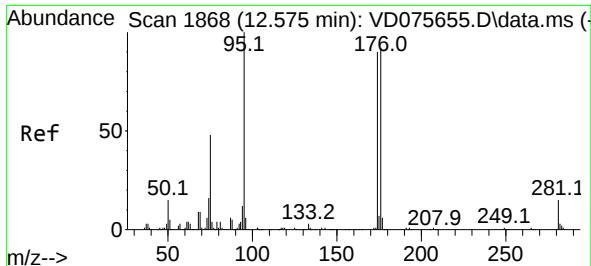
Tgt Ion: 98 Resp: 402614

Ion Ratio Lower Upper

98 100

100 62.6 52.1 78.1

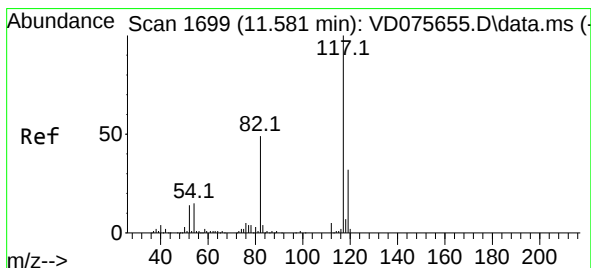
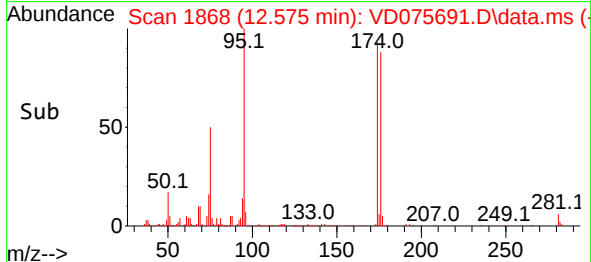
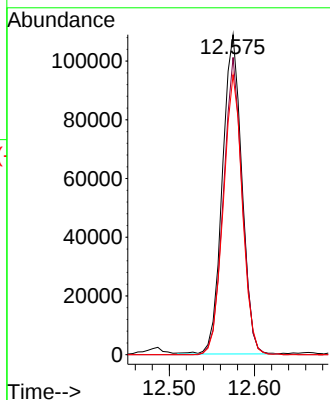
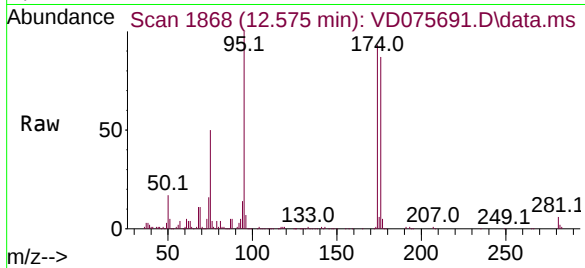




#62
4-Bromofluorobenzene
Concen: 80.509 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

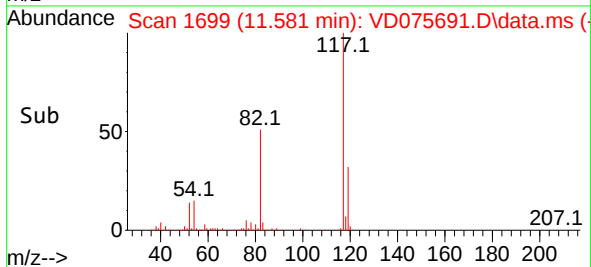
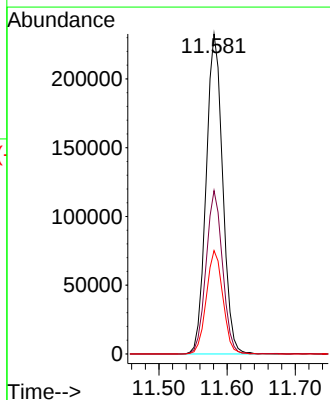
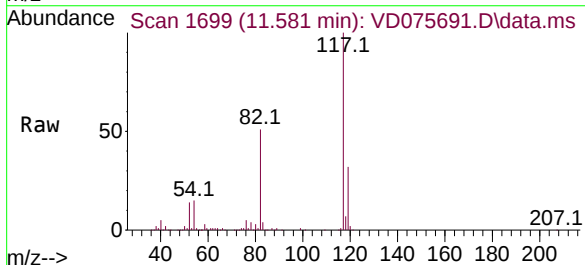
Instrument :
MSVOA_D
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20230295-26-1

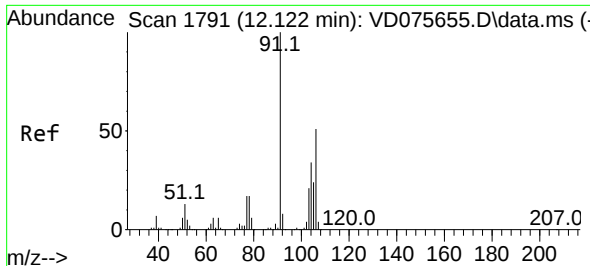
Tgt Ion: 95 Resp: 172879
Ion Ratio Lower Upper
95 100
174 89.5 0.0 164.0
176 85.9 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

Tgt Ion: 117 Resp: 392530
Ion Ratio Lower Upper
117 100
82 51.0 44.0 66.0
119 32.3 25.1 37.7

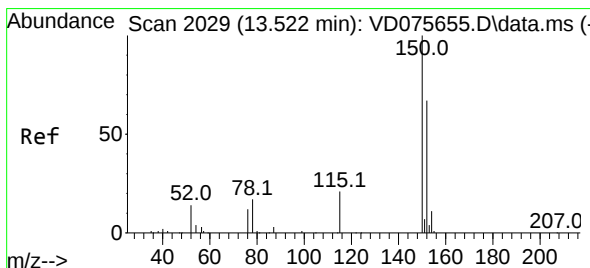
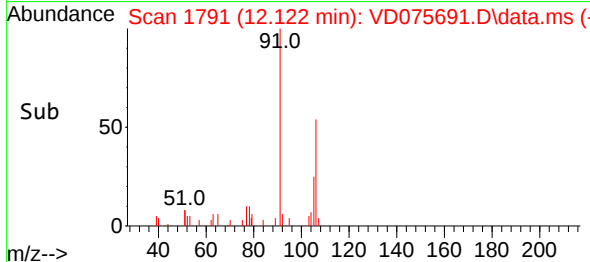
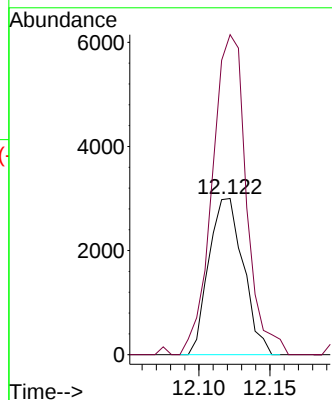
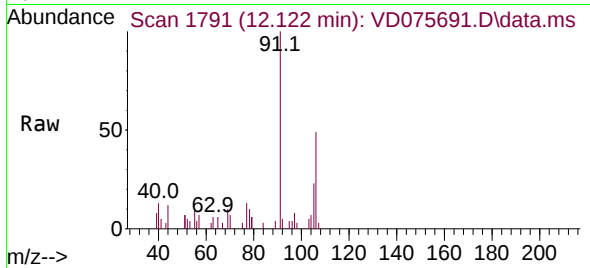




#69
o-Xylene
Concen: 1.002 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

Instrument :
MSVOA_D
ClientSampleId :
20230295-26-1

Tgt Ion:106 Resp: 5067
Ion Ratio Lower Upper
106 100
91 202.7 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075691.D
Acq: 14 Apr 2023 21:06

Tgt Ion:152 Resp: 239567
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 157.4 0.0 364.8

