

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053023\
 Data File : VD076275.D
 Acq On : 30 May 2023 15:30
 Operator : KP/SY
 Sample : 02971-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB16

Quant Time: May 31 02:20:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

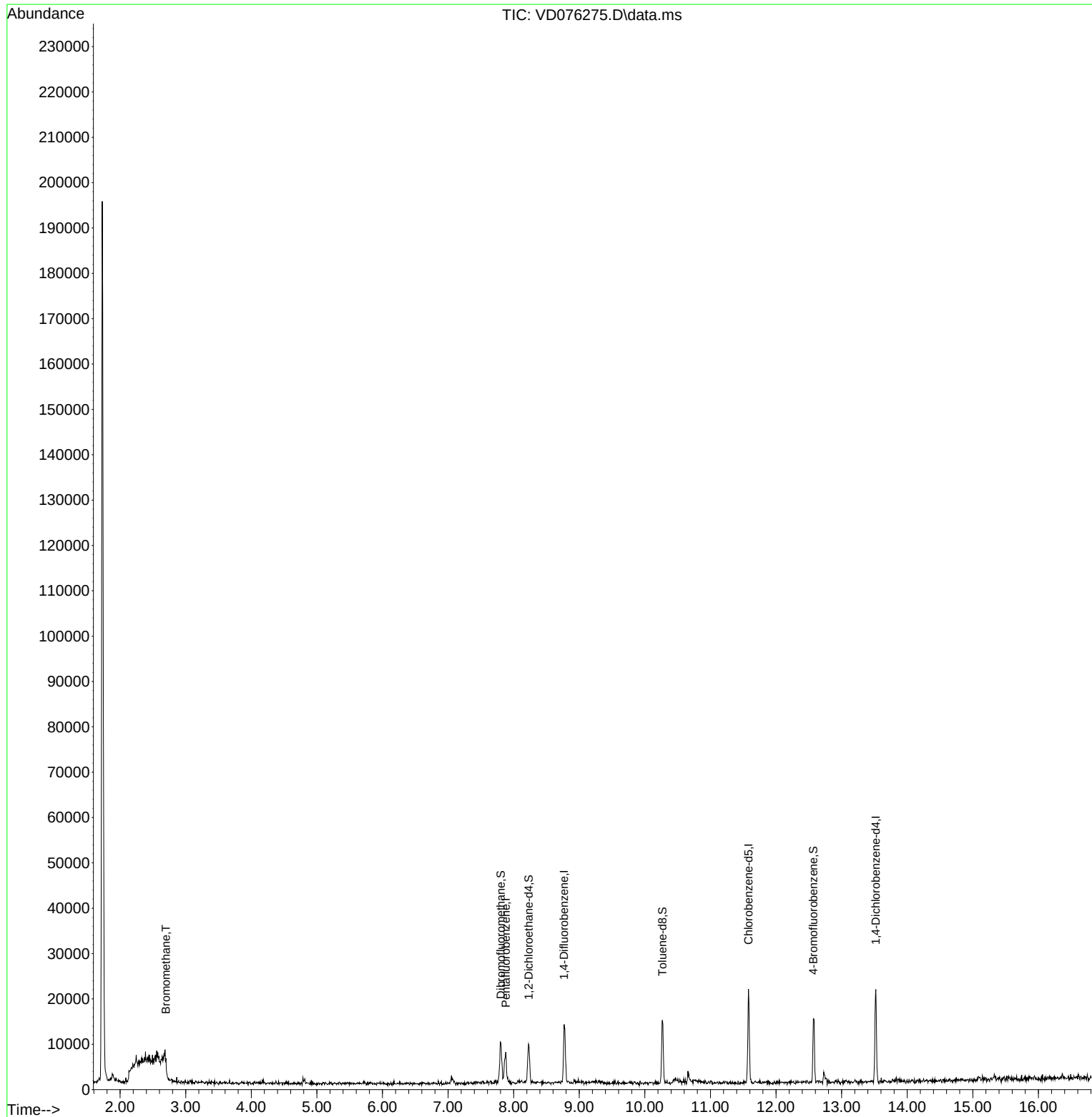
Internal Standards						
1) Pentafluorobenzene	7.881	168	7295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	13871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	6868	97.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.820%#	
35) Dibromofluoromethane	7.804	113	6503	67.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 135.660%	
50) Toluene-d8	10.269	98	11331	30.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 60.640%	
62) 4-Bromofluorobenzene	12.569	95	4715	45.413	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.820%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1566	16.393	ug/l	88

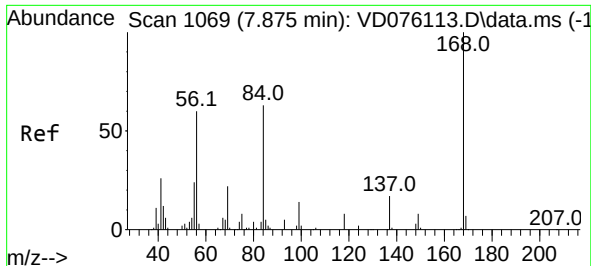
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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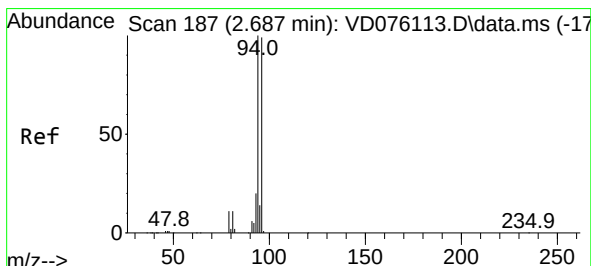
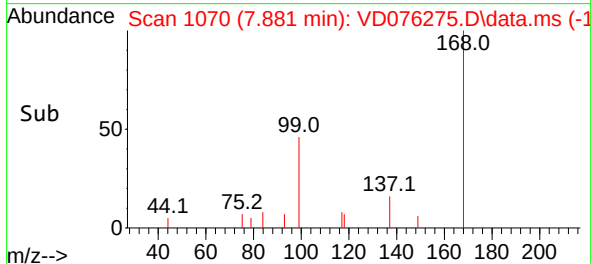
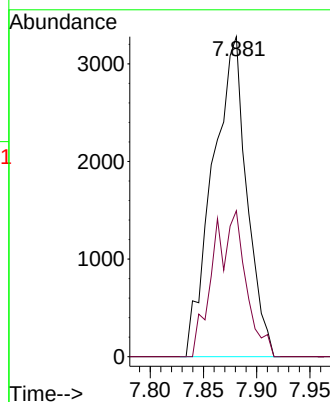
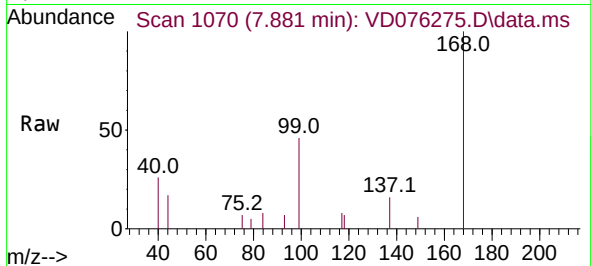




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

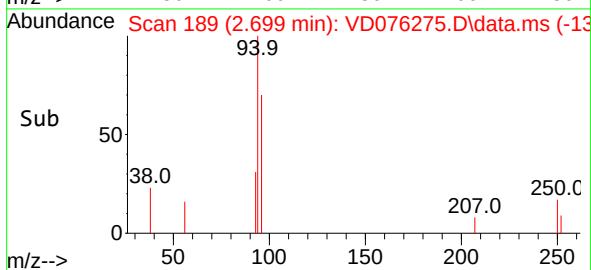
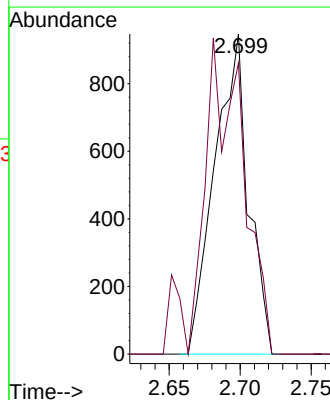
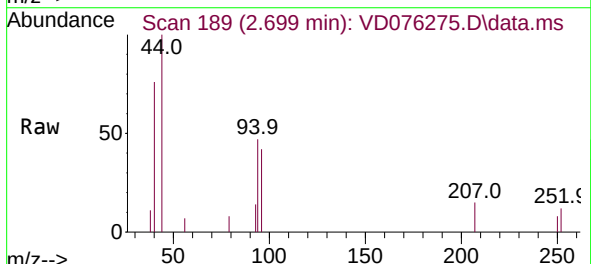
Instrument :
MSVOA_D
ClientSampleId :
SB16

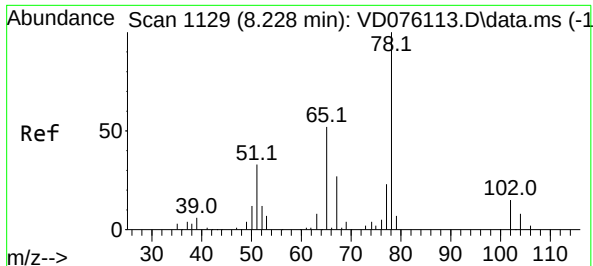
Tgt Ion:168 Resp: 7295
Ion Ratio Lower Upper
168 100
99 45.6 43.8 65.6



#5
Bromomethane
Concen: 16.393 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

Tgt Ion: 94 Resp: 1566
Ion Ratio Lower Upper
94 100
96 108.8 77.5 116.3





#33

1,2-Dichloroethane-d4

Concen: 97.412 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076275.D

Acq: 30 May 2023 15:30

Instrument :

MSVOA_D

ClientSampleId :

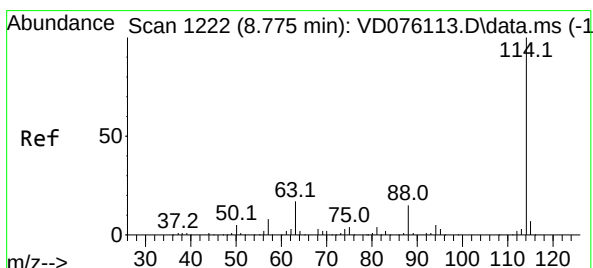
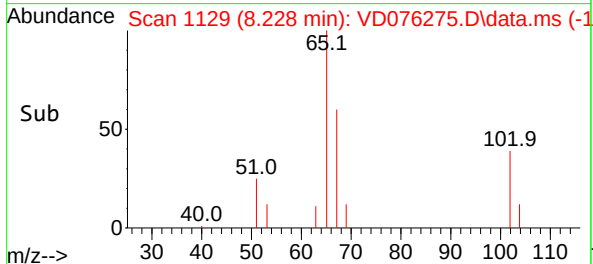
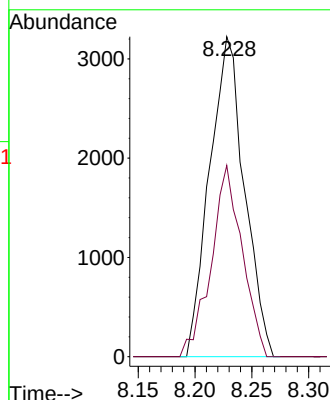
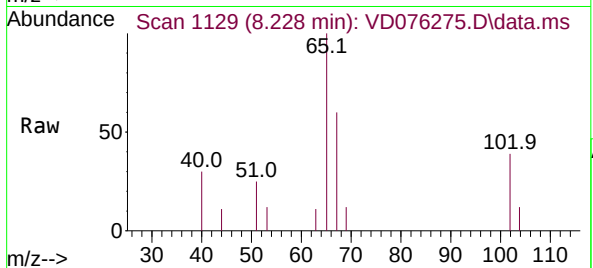
SB16

Tgt Ion: 65 Resp: 6868

Ion Ratio Lower Upper

65 100

67 53.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD076275.D

Acq: 30 May 2023 15:30

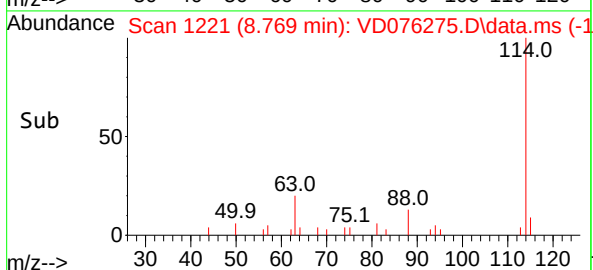
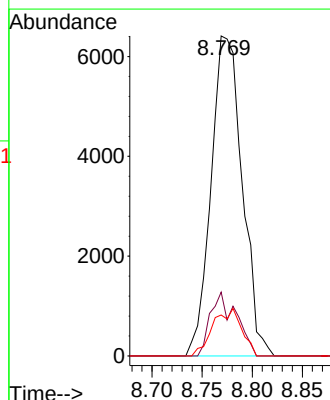
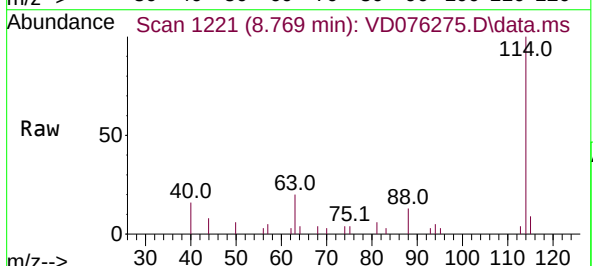
Tgt Ion: 114 Resp: 13871

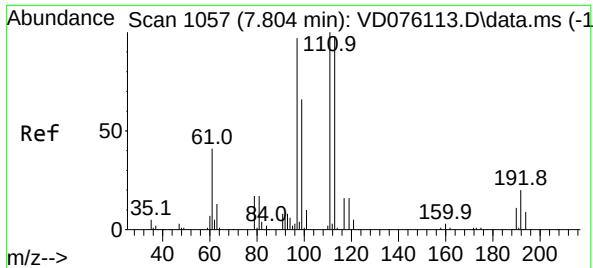
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 12.8 0.0 30.6

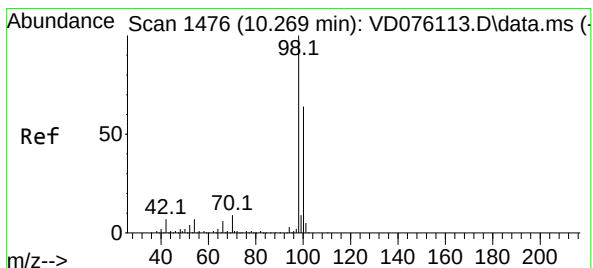
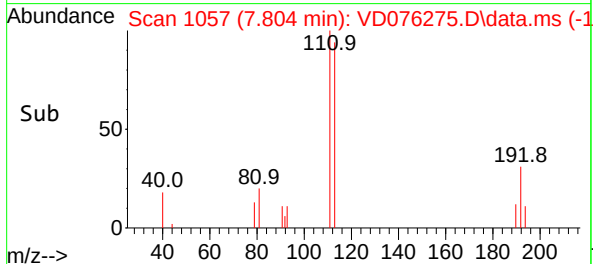
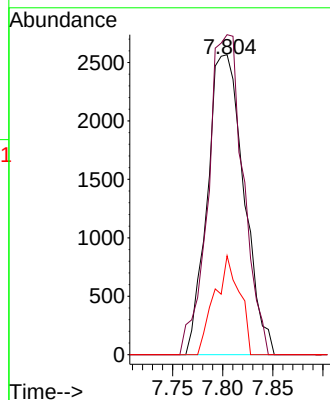
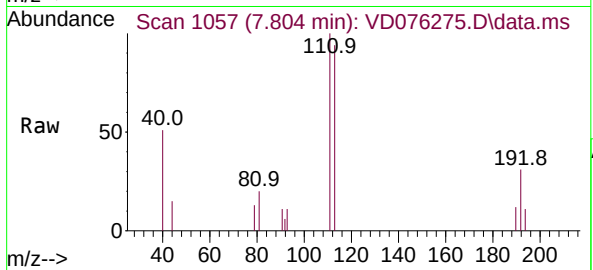




#35
Dibromofluoromethane
Concen: 67.825 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

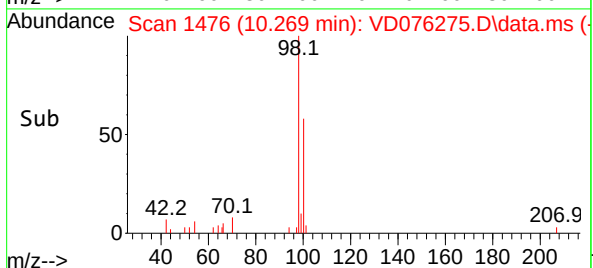
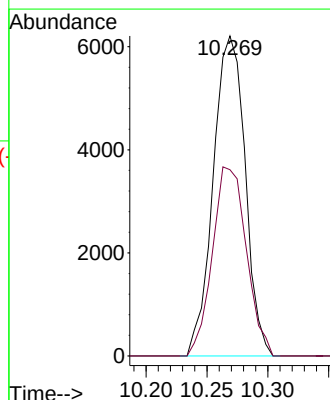
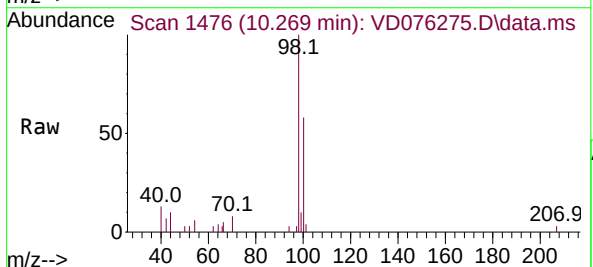
Instrument :
MSVOA_D
ClientSampleId :
SB16

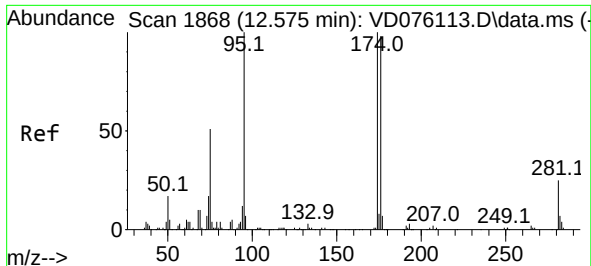
Tgt Ion:113 Resp: 6503
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 22.5 15.2 22.8



#50
Toluene-d8
Concen: 30.316 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

Tgt Ion: 98 Resp: 11331
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

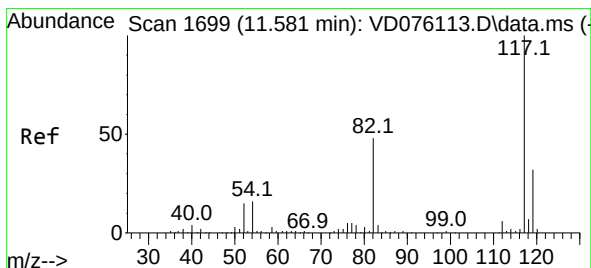
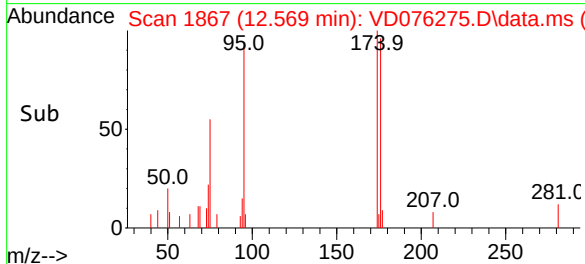
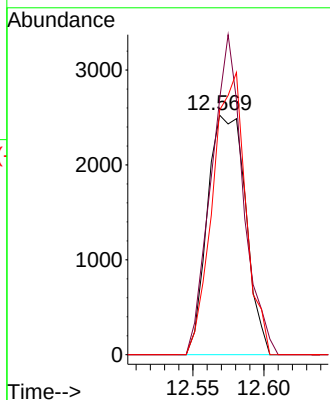
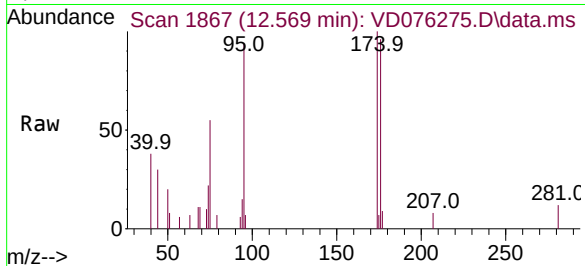




#62
4-Bromofluorobenzene
Concen: 45.413 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

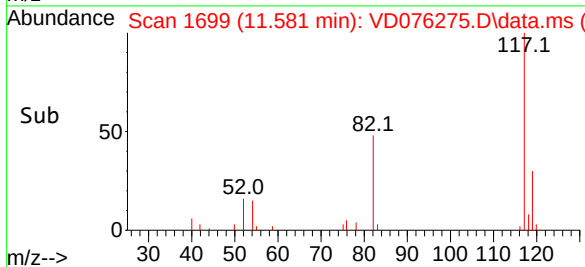
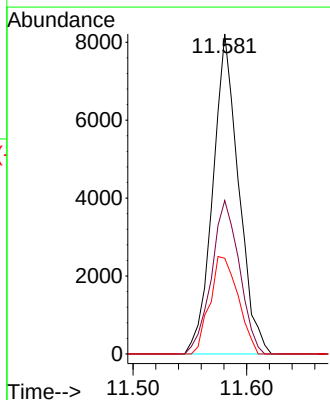
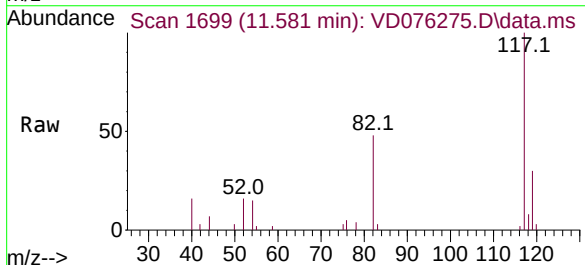
Instrument :
MSVOA_D
ClientSampleId :
SB16

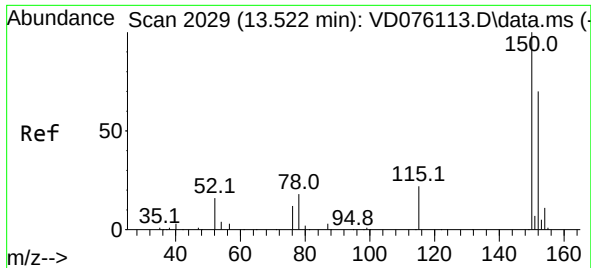
Tgt Ion: 95 Resp: 4715
Ion Ratio Lower Upper
95 100
174 111.3 0.0 164.0
176 101.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076275.D
Acq: 30 May 2023 15:30

Tgt Ion: 117 Resp: 12963
Ion Ratio Lower Upper
117 100
82 47.9 44.0 66.0
119 29.9 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: VD076275.D

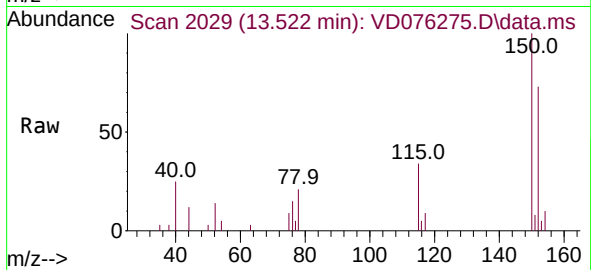
Acq: 30 May 2023 15:30

Instrument :

MSVOA_D

ClientSampleId :

SB16



Tgt Ion:152 Resp: 7155

Ion Ratio Lower Upper

152 100

115 42.2 30.1 90.3

150 150.4 0.0 364.8

