

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079675.D
 Acq On : 08 Aug 2024 18:58
 Operator : RP/MD
 Sample : P3484-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B

Quant Time: Aug 09 01:11:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

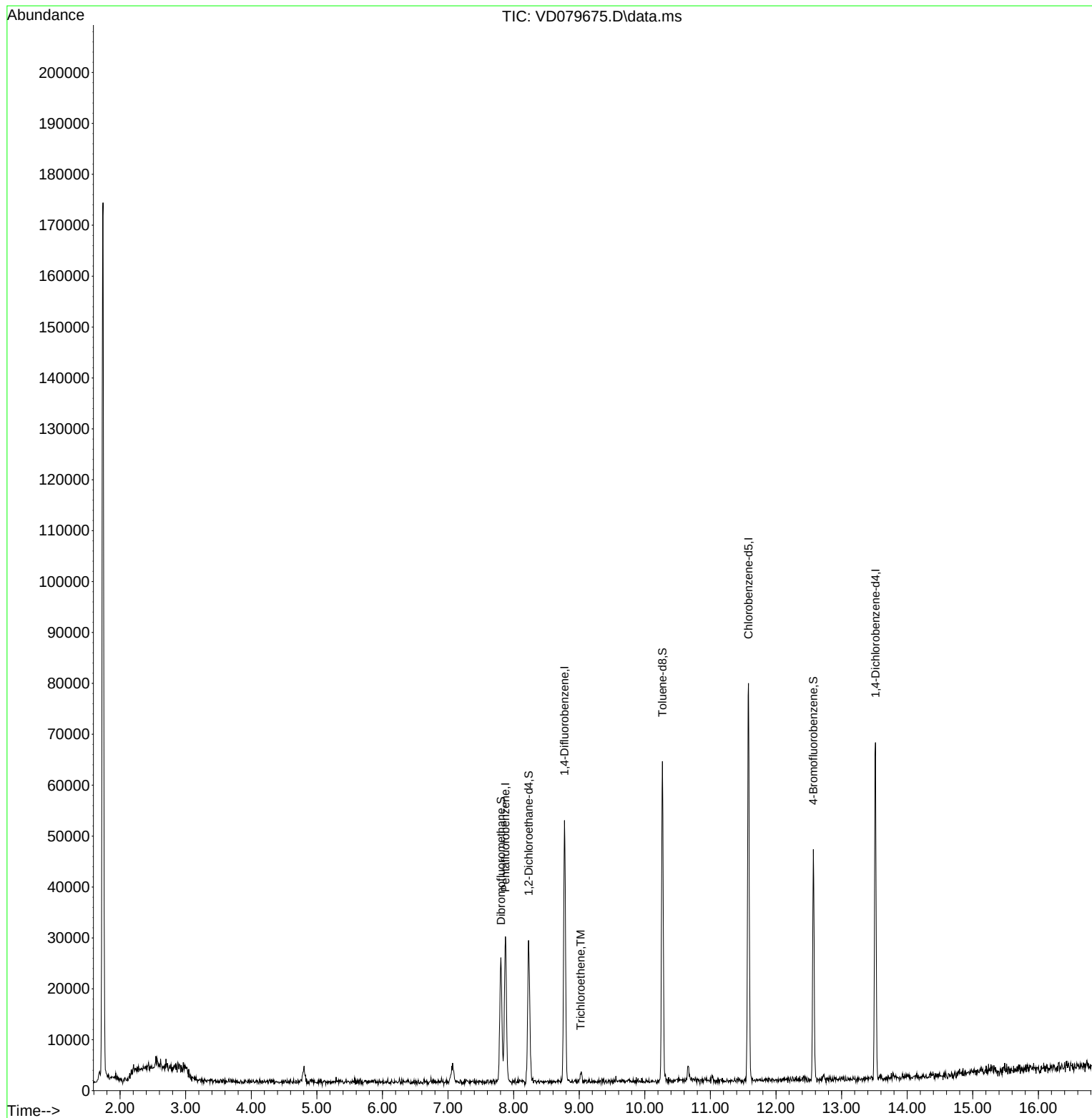
Internal Standards						
1) Pentafluorobenzene	7.875	168	22673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	45888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	46385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	19284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	21092	91.571	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	183.140%#	
35) Dibromofluoromethane	7.810	113	17977	57.880	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	115.760%	
50) Toluene-d8	10.269	98	45827	37.995	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	75.980%	
62) 4-Bromofluorobenzene	12.569	95	13784	39.492	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	78.980%	
Target Compounds						
					Qvalue	
44) Trichloroethene	9.022	130	626	1.868	ug/l	93

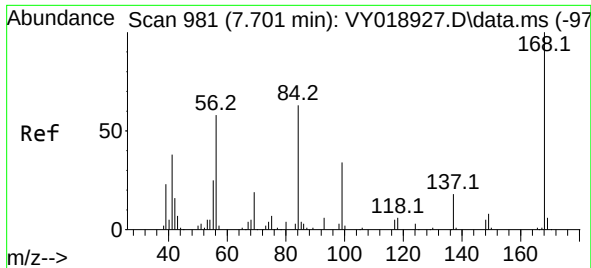
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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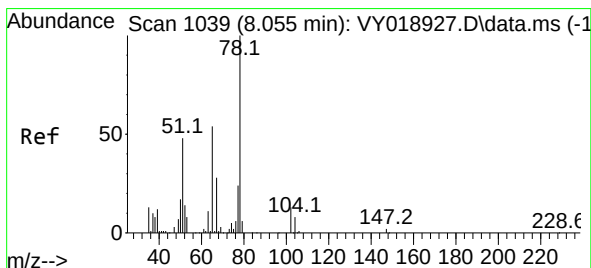
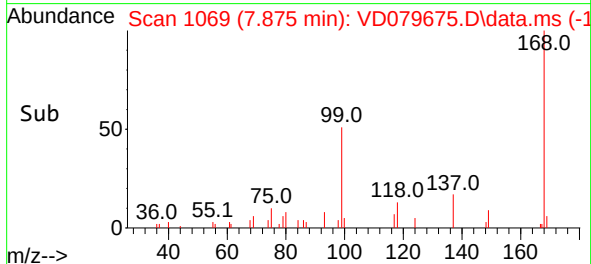
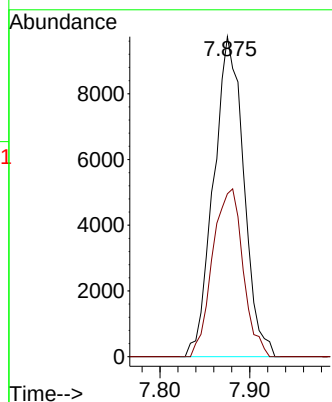
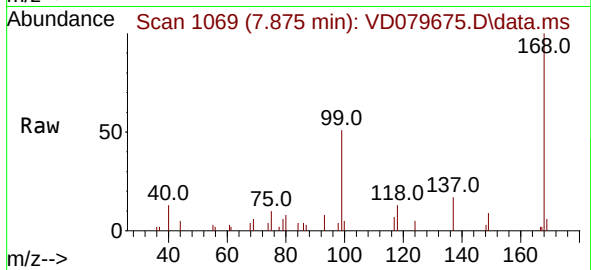




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

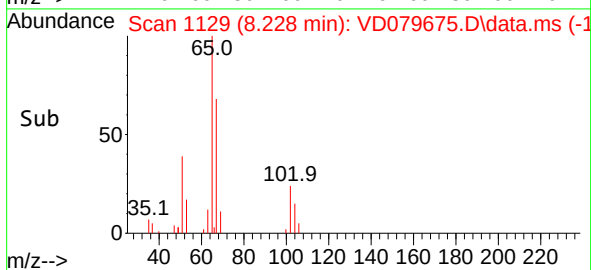
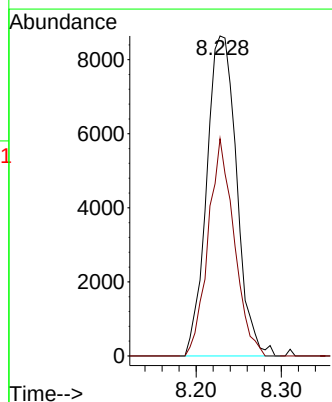
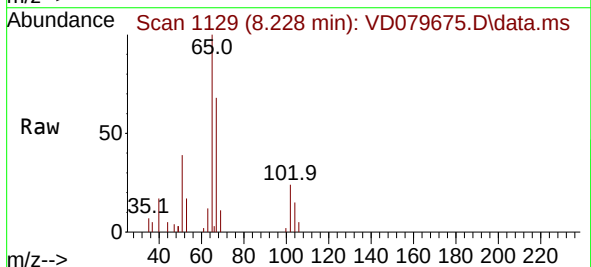
Instrument :
MSVOA_D
ClientSampleId :
B

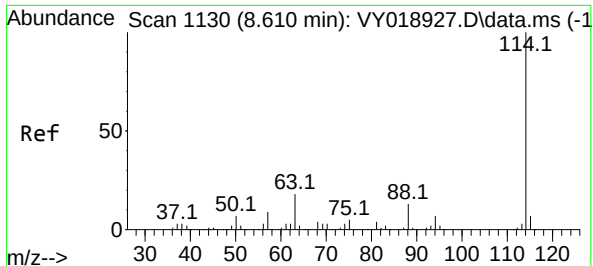
Tgt Ion:168 Resp: 22673
Ion Ratio Lower Upper
168 100
99 50.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 91.571 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion: 65 Resp: 21092
Ion Ratio Lower Upper
65 100
67 58.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

B

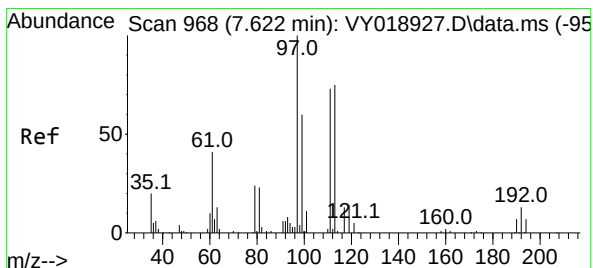
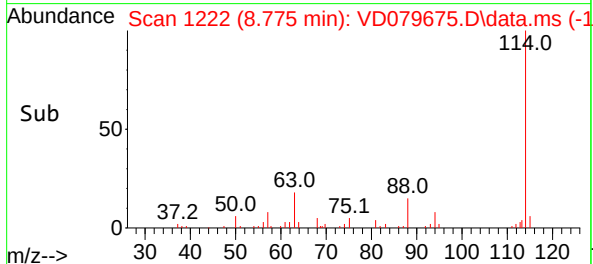
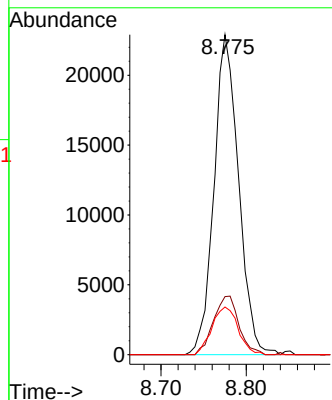
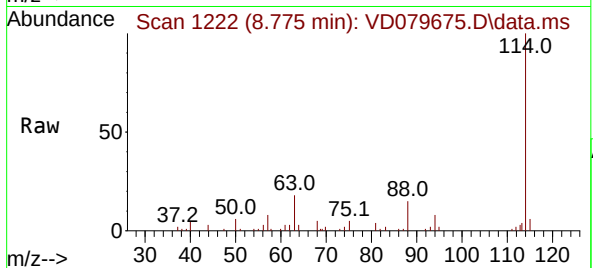
Tgt Ion:114 Resp: 45888

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.880 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079675.D

Acq: 08 Aug 2024 18:58

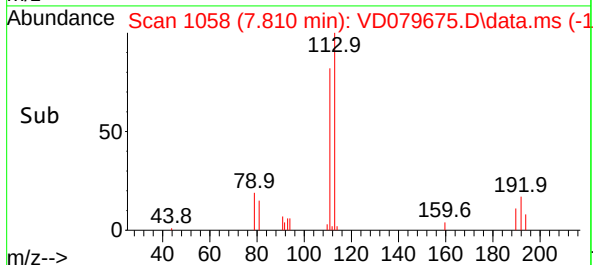
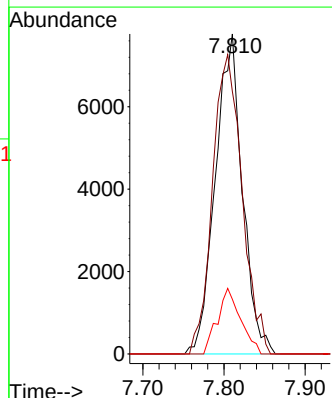
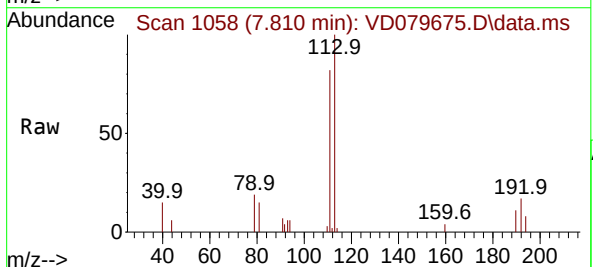
Tgt Ion:113 Resp: 17977

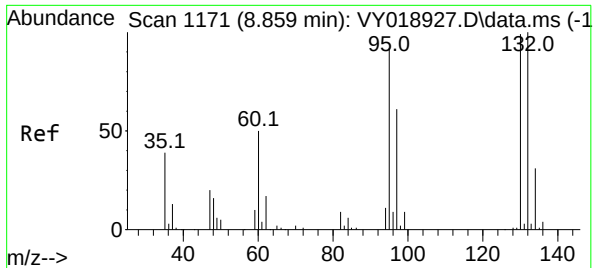
Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 17.6 15.4 23.0

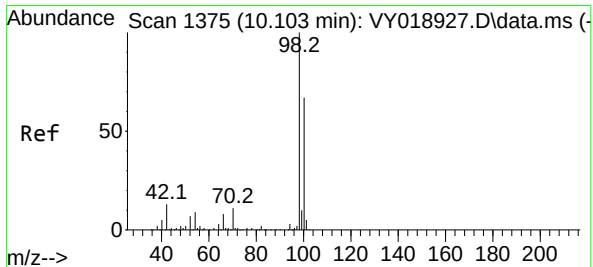
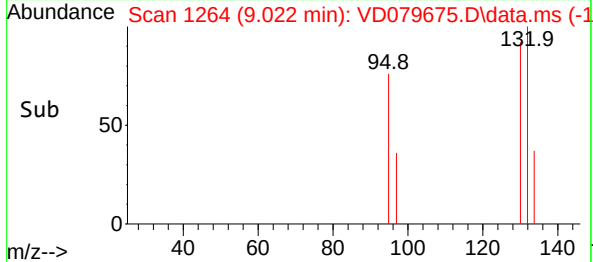
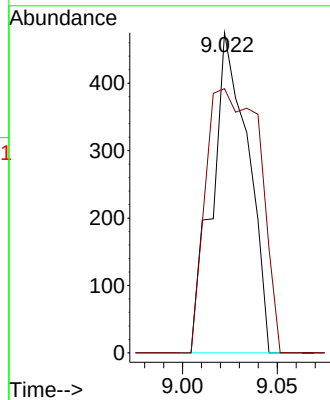
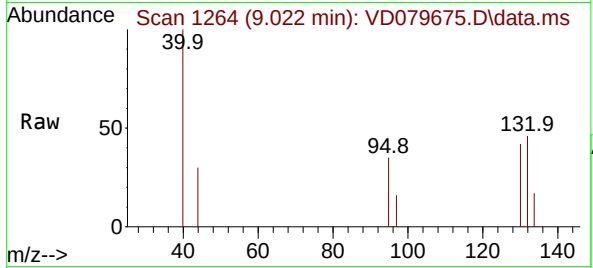




#44
Trichloroethene
Concen: 1.868 ug/l
RT: 9.022 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

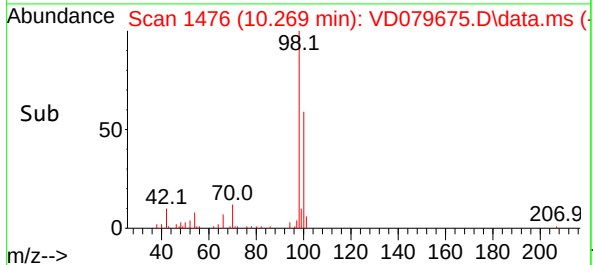
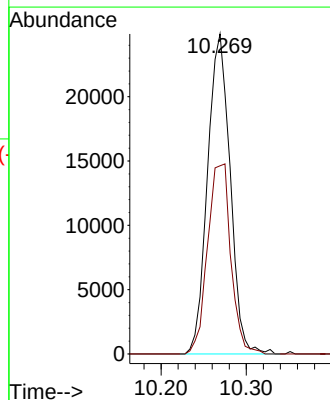
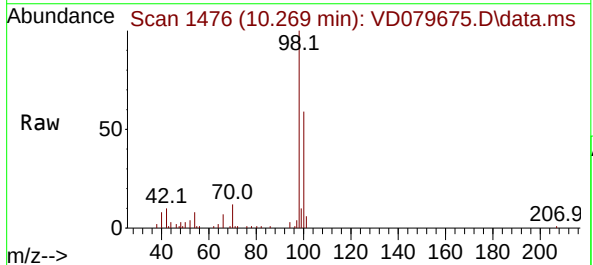
Instrument :
MSVOA_D
ClientSampleId :
B

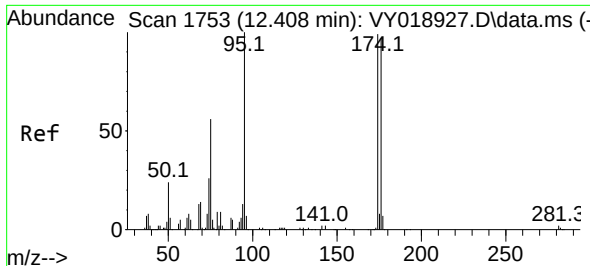
Tgt Ion:130 Resp: 626
Ion Ratio Lower Upper
130 100
95 82.5 0.0 177.8



#50
Toluene-d8
Concen: 37.995 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion: 98 Resp: 45827
Ion Ratio Lower Upper
98 100
100 61.3 51.6 77.4

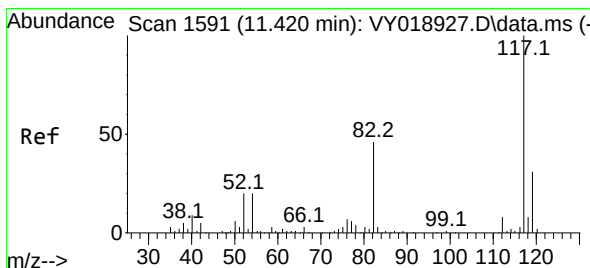
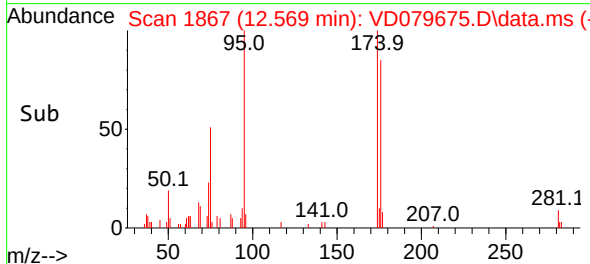
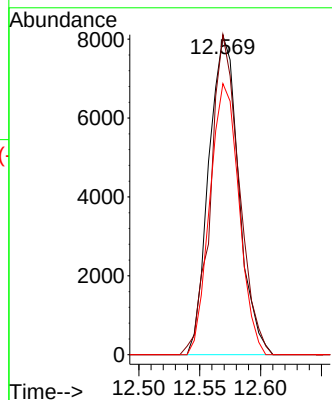
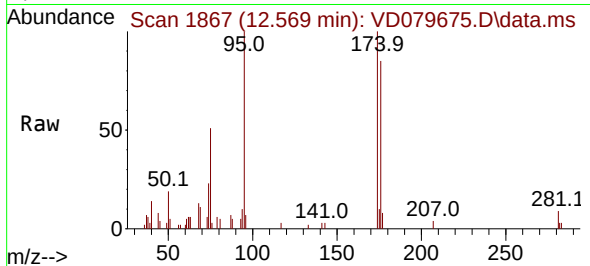




#62
4-Bromofluorobenzene
Concen: 39.492 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

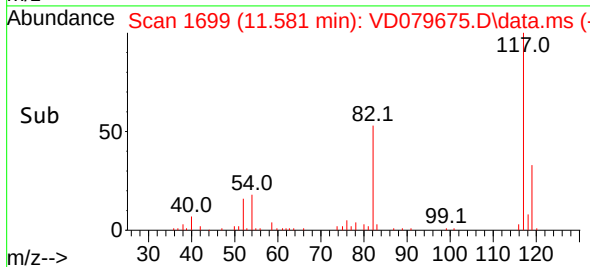
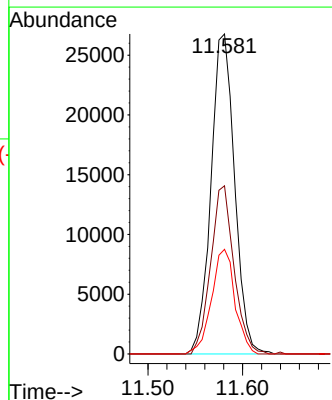
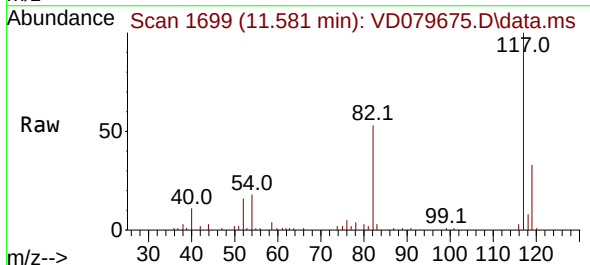
Instrument :
MSVOA_D
ClientSampleId :
B

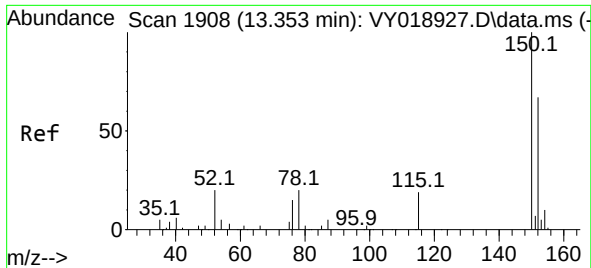
Tgt Ion:	95	Resp:	13784
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	195.4
176	83.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079675.D
Acq: 08 Aug 2024 18:58

Tgt Ion:	117	Resp:	46385
Ion	Ratio	Lower	Upper
117	100		
82	52.6	39.8	59.6
119	32.7	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD079675.D

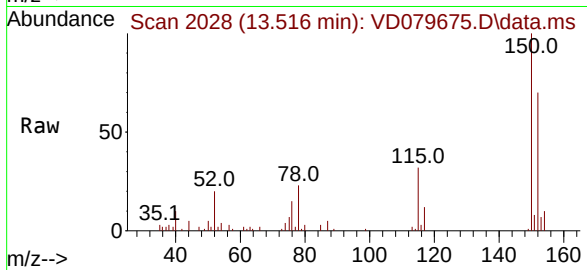
Acq: 08 Aug 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

B



Tgt Ion:152 Resp: 19284

Ion Ratio Lower Upper

152 100

115 50.2 26.5 79.5

150 148.6 0.0 341.6

