

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
 Data File : VD075216.D
 Acq On : 26 Jan 2023 17:45
 Operator : KP/SY
 Sample : 01318-06
 Misc : 7.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RJ-1-012523

Quant Time: Jan 27 00:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

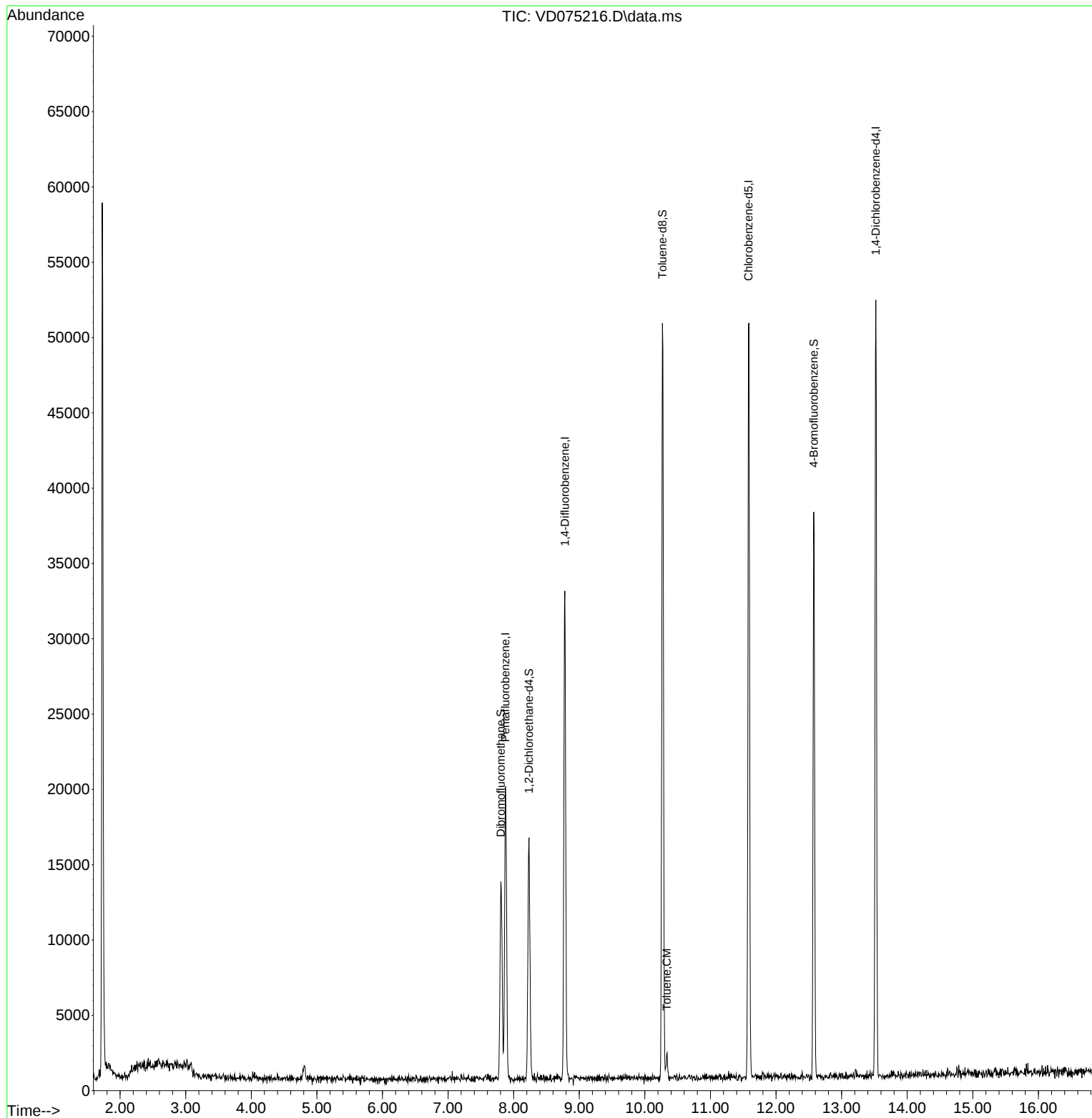
Internal Standards						
1) Pentafluorobenzene	7.875	168	14681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	27951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28697	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	13577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12136	81.010	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.020%	
35) Dibromofluoromethane	7.805	113	9648	57.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.240%	
50) Toluene-d8	10.269	98	34636	52.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.575	95	12192	57.766	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.540%	
Target Compounds						
52) Toluene	10.334	92	1057	2.161	ug/l	Qvalue 81

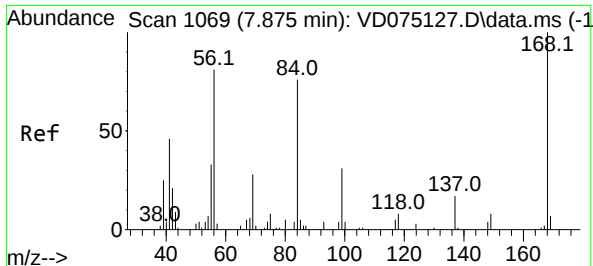
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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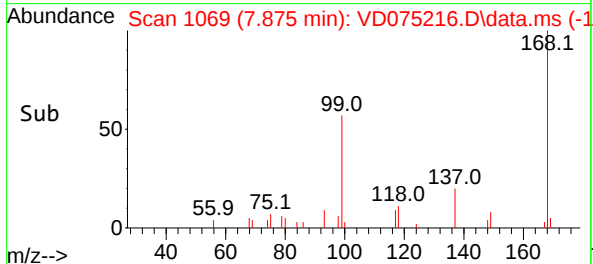
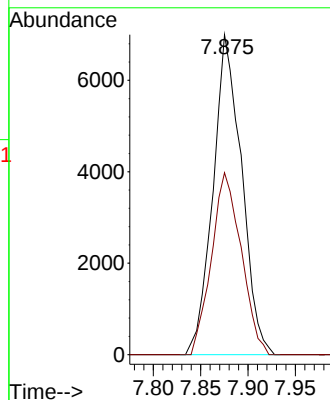
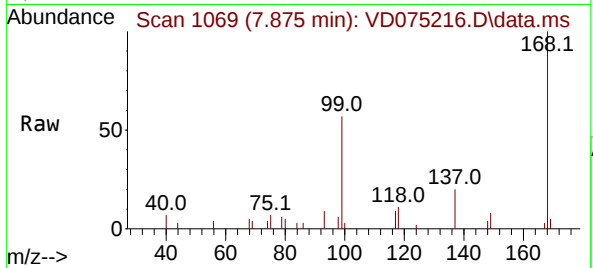




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

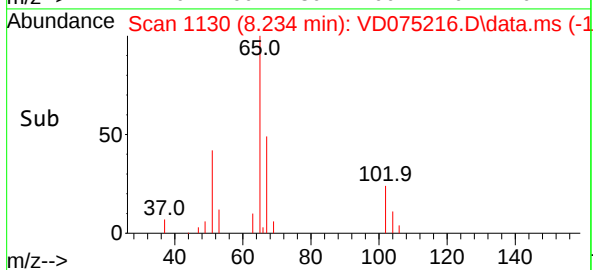
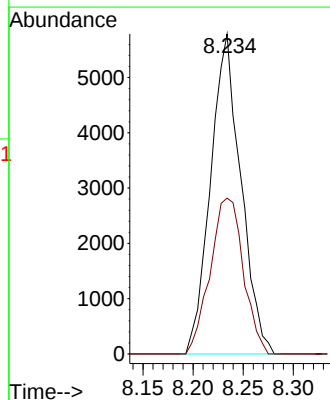
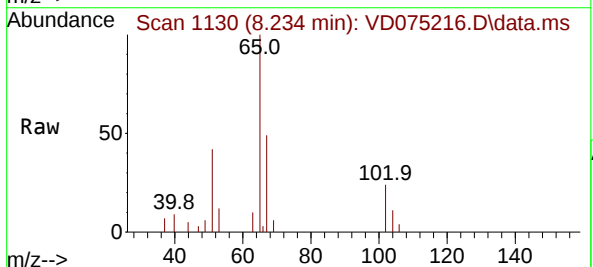
Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

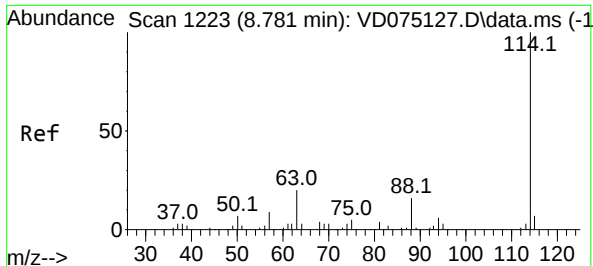
Tgt Ion:168 Resp: 14681
Ion Ratio Lower Upper
168 100
99 56.8 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 81.010 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 65 Resp: 12136
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.2

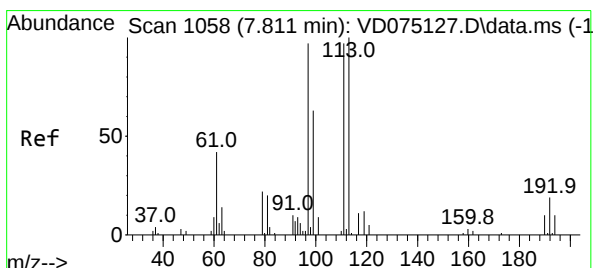
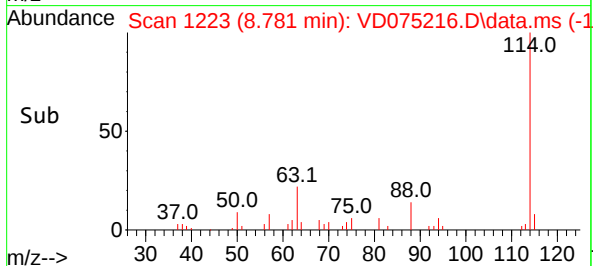
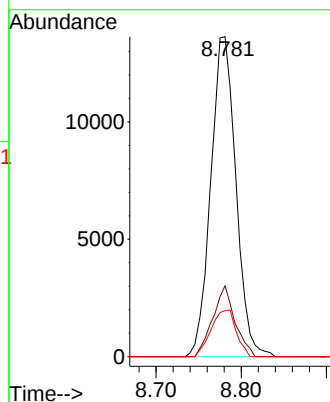
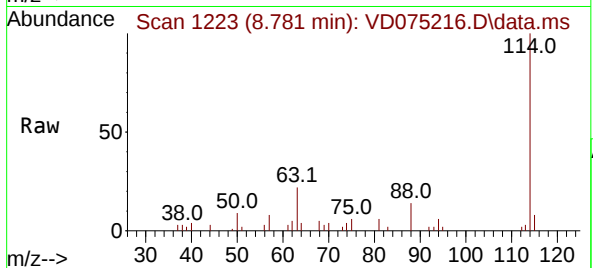




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

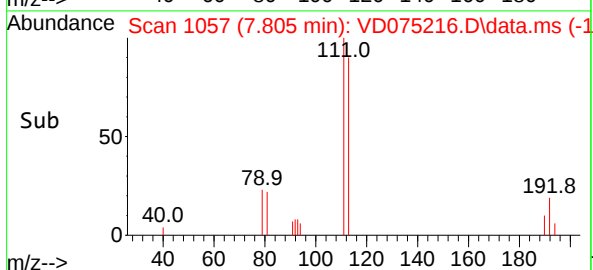
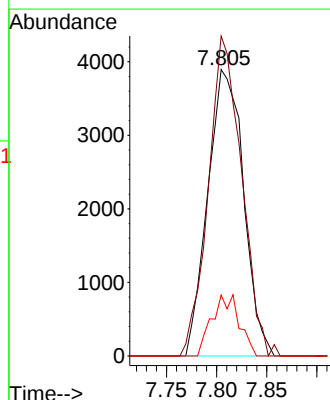
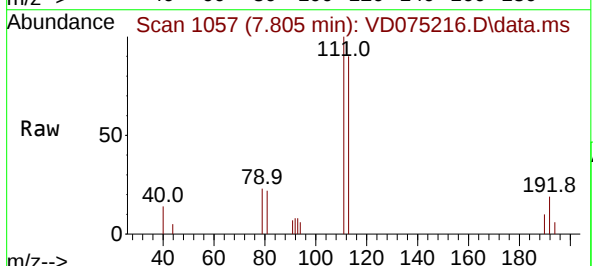
Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

Tgt Ion:114	Resp:	27951
Ion Ratio	Lower	Upper
114	100	
63	22.1	0.0 40.2
88	14.3	0.0 32.2



#35
Dibromofluoromethane
Concen: 57.123 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion:113	Resp:	9648
Ion Ratio	Lower	Upper
113	100	
111	103.8	80.1 120.1
192	16.3	15.4 23.0

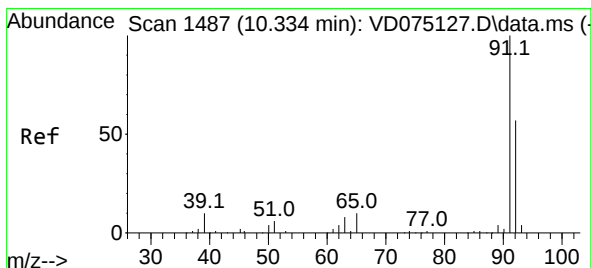
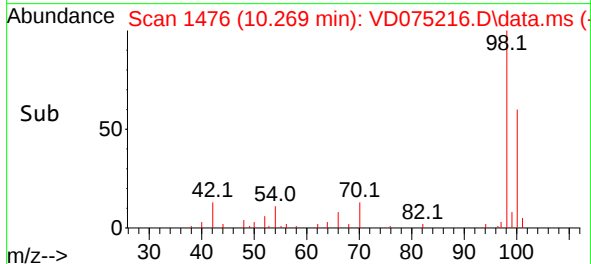
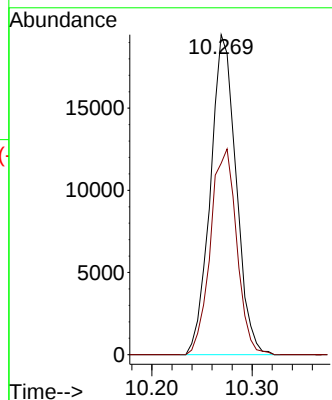
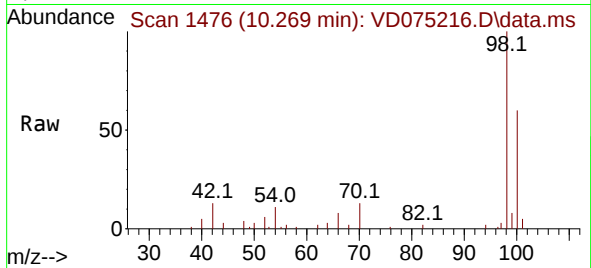




#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

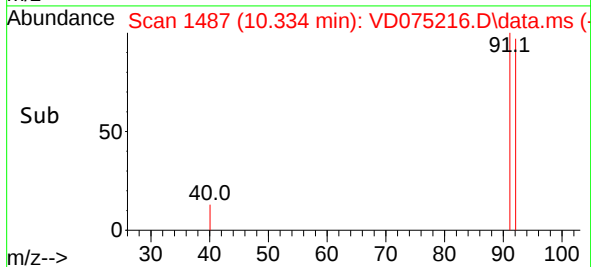
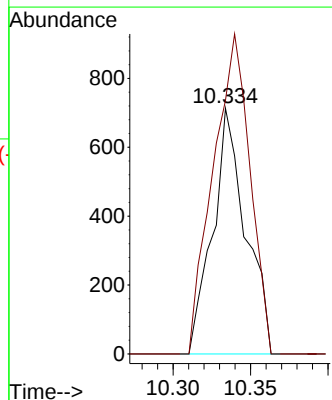
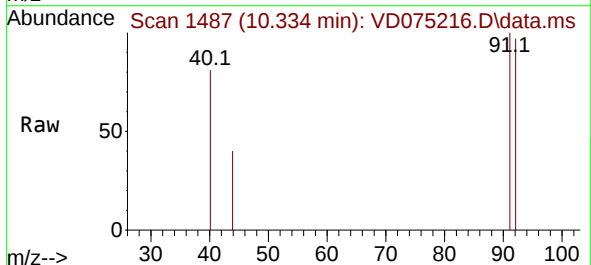
Instrument :
MSVOA_D
ClientSampleId :
RJ-1-012523

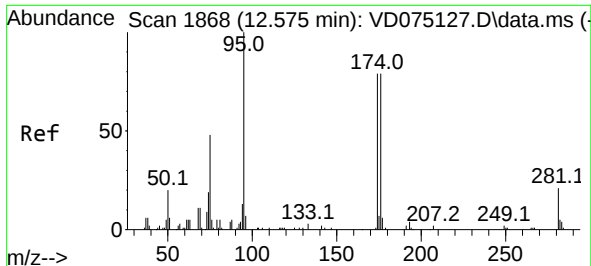
Tgt Ion: 98 Resp: 34636
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#52
Toluene
Concen: 2.161 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion: 92 Resp: 1057
Ion Ratio Lower Upper
92 100
91 145.5 137.0 205.4

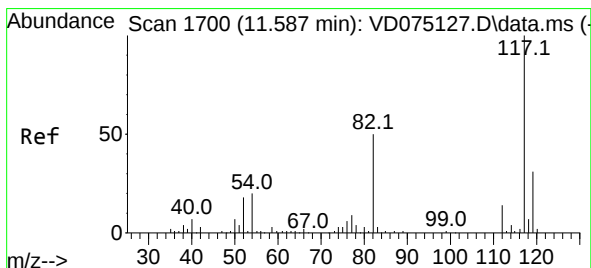
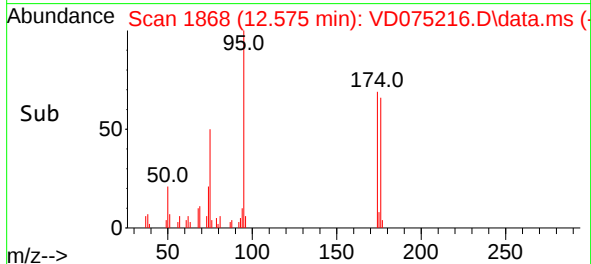
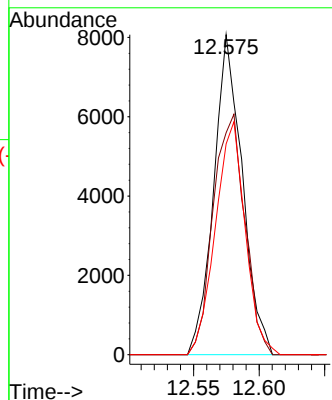
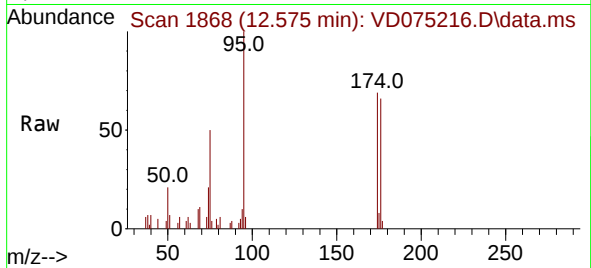




#62
4-Bromofluorobenzene
Concen: 57.766 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

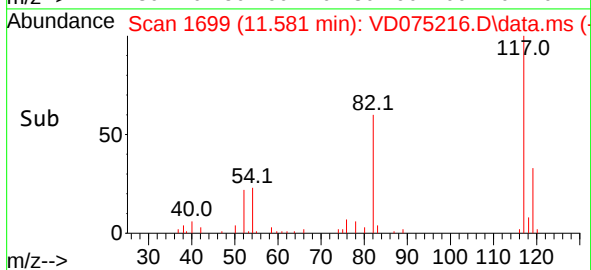
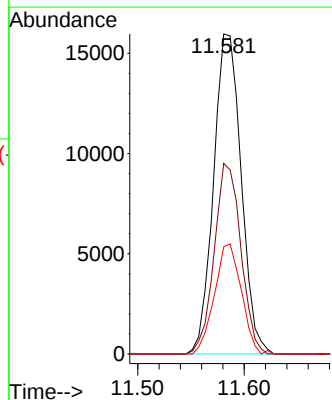
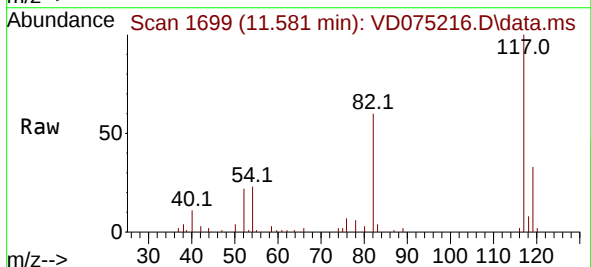
Instrument :
MSVOA_D
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RJ-1-012523

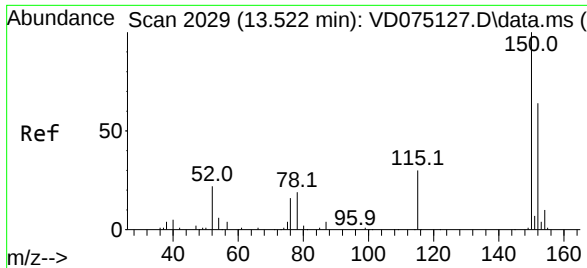
Tgt Ion:	95	Resp:	12192
Ion	Ratio	Lower	Upper
95	100		
174	83.5	0.0	161.2
176	76.1	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075216.D
Acq: 26 Jan 2023 17:45

Tgt Ion:	117	Resp:	28697
Ion	Ratio	Lower	Upper
117	100		
82	59.5	39.6	59.4#
119	33.5	24.6	37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075216.D
 Acq: 26 Jan 2023 17:45

Instrument :
 MSVOA_D
 ClientSampleId :
 RJ-1-012523

Tgt Ion:152 Resp: 13577
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.8 86.4
 150 157.7 0.0 348.6

