

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074815.D
 Acq On : 08 Nov 2022 20:38
 Operator : VA/SY
 Sample : N5494-19
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21

Quant Time: Nov 08 23:40:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

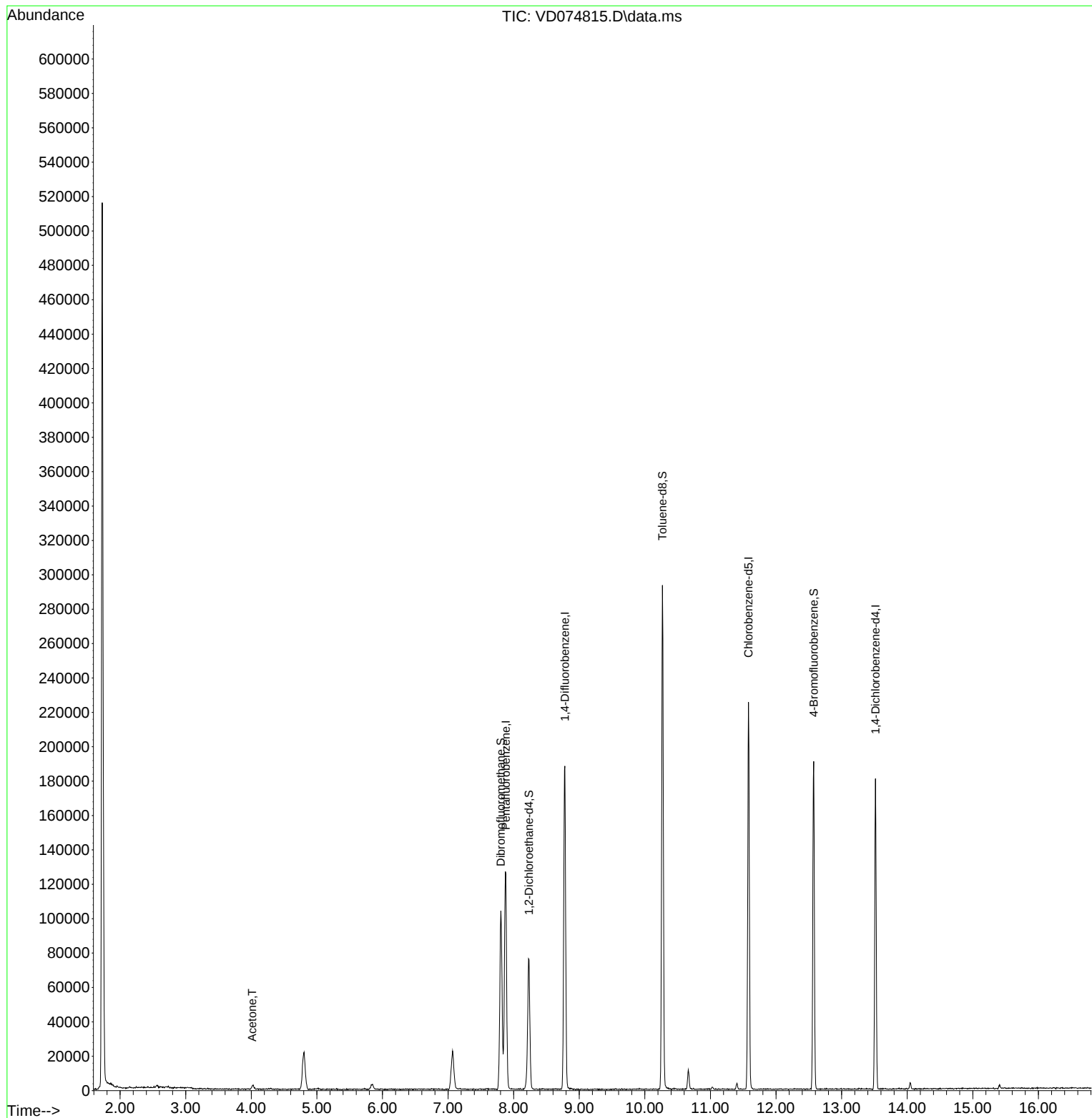
Internal Standards						
1) Pentafluorobenzene	7.881	168	106765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	51798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58669	69.382	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.760%	
35) Dibromofluoromethane	7.804	113	76951	70.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.760%	
50) Toluene-d8	10.269	98	211809	53.106	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.575	95	56967	49.468	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.940%	
Target Compounds						
16) Acetone	4.016	43	3700	20.968	ug/l	Qvalue 89

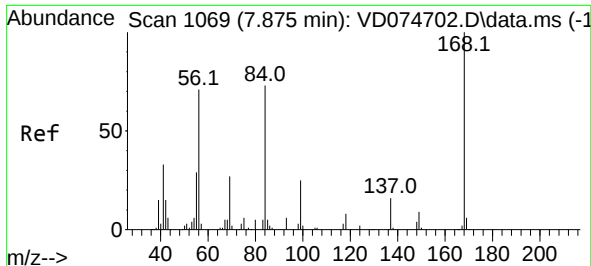
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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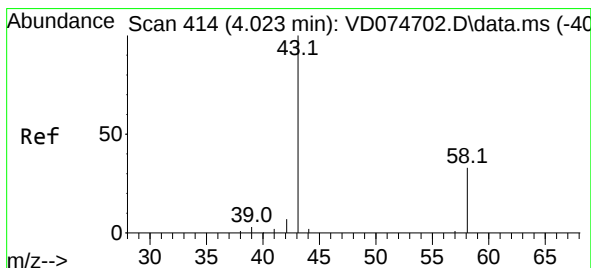
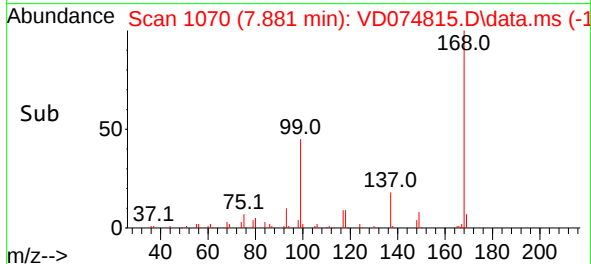
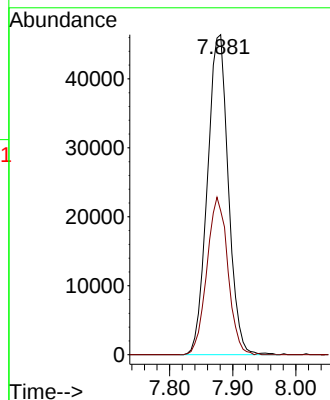
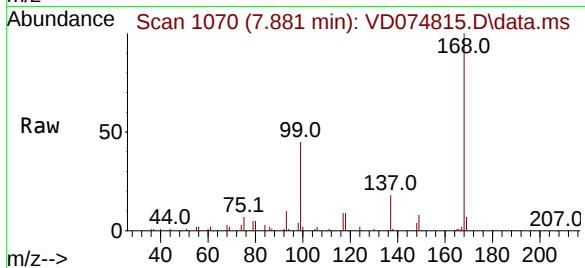




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

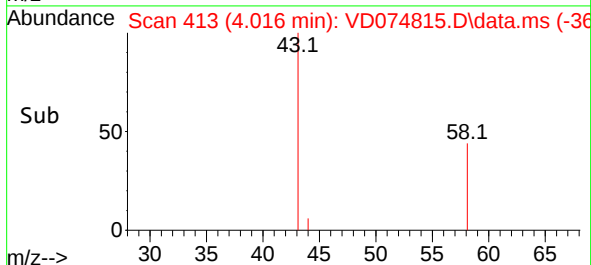
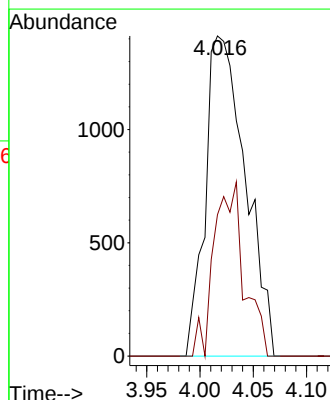
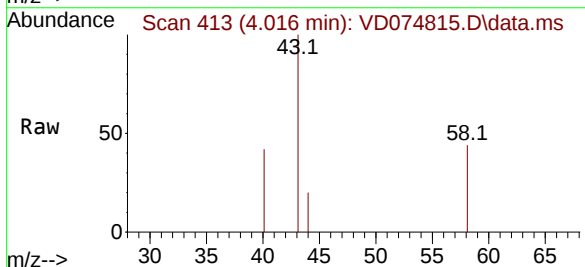
Instrument :
MSVOA_D
ClientSampleId :
SB-21

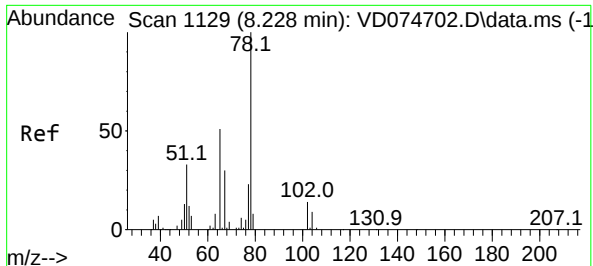
Tgt Ion:168 Resp: 106765
Ion Ratio Lower Upper
168 100
99 45.0 40.9 61.3



#16
Acetone
Concen: 20.968 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

Tgt Ion: 43 Resp: 3700
Ion Ratio Lower Upper
43 100
58 44.2 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 69.382 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

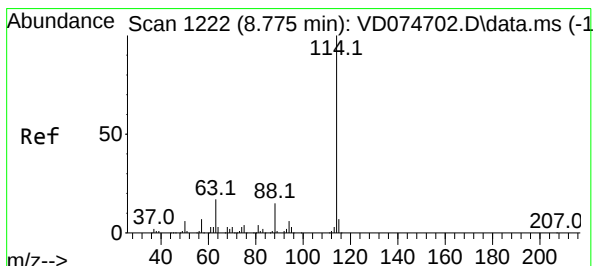
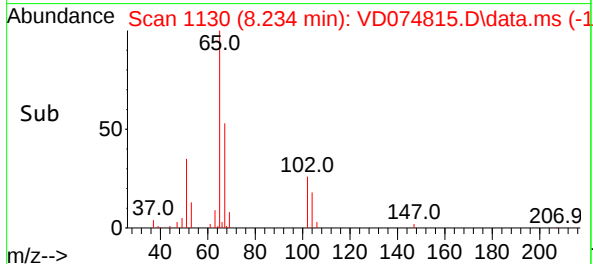
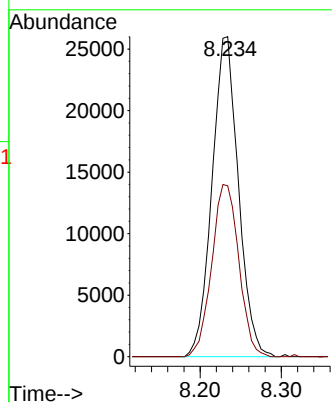
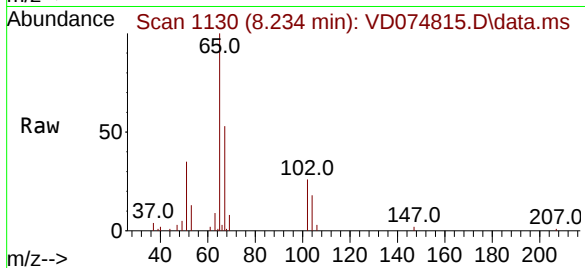
SB-21

Tgt Ion: 65 Resp: 58669

Ion Ratio Lower Upper

65 100

67 55.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

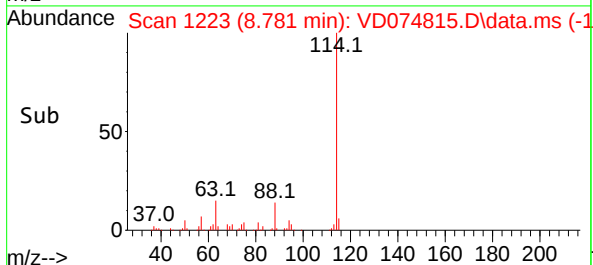
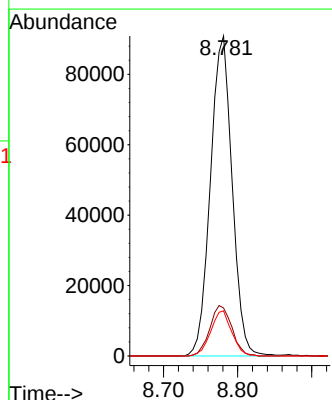
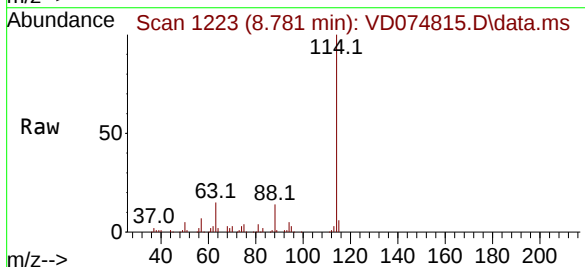
Tgt Ion: 114 Resp: 184840

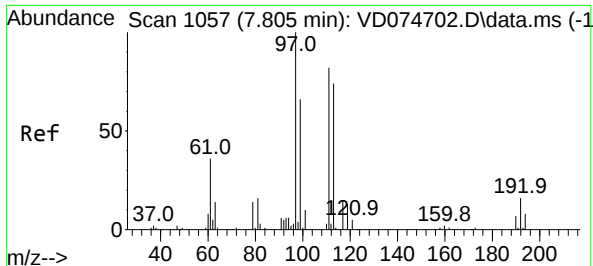
Ion Ratio Lower Upper

114 100

63 15.0 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 70.378 ug/l

RT: 7.804 min Scan# 113

Delta R.T. -0.001 min

Lab File: VD074815.D

Acq: 08 Nov 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

SB-21

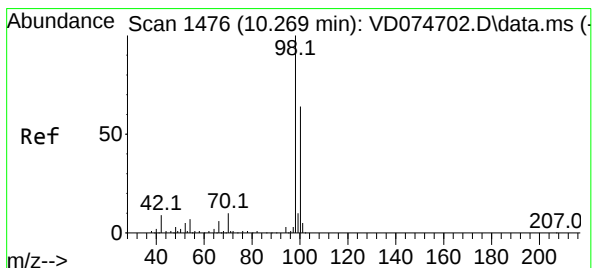
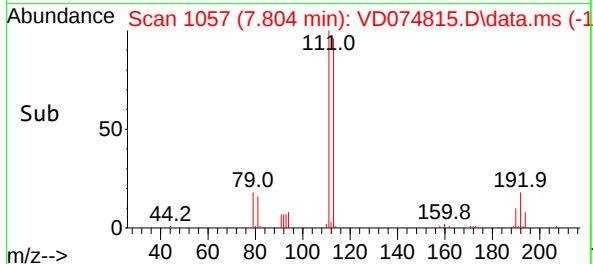
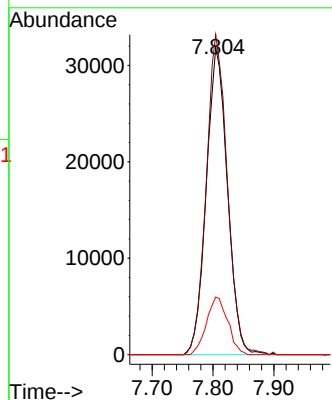
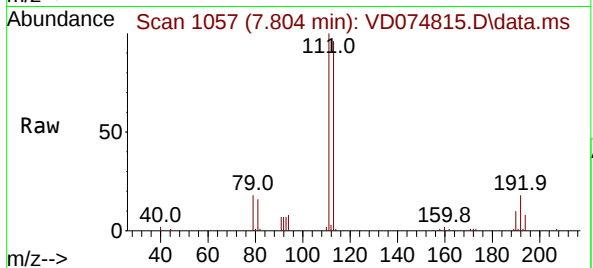
Tgt Ion:113 Resp: 76951

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 53.106 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074815.D

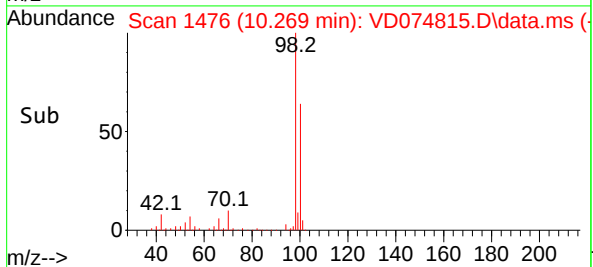
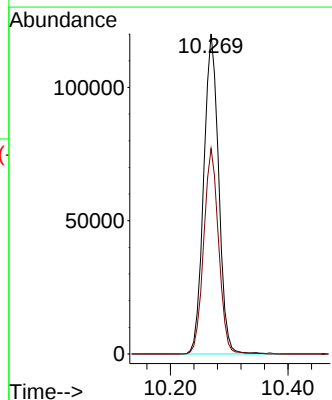
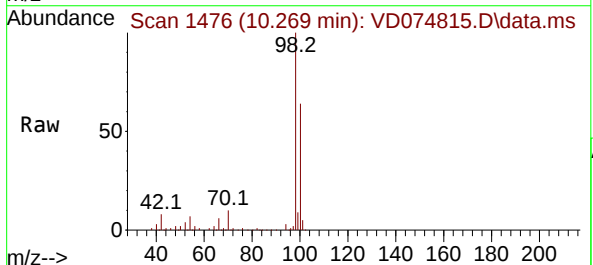
Acq: 08 Nov 2022 20:38

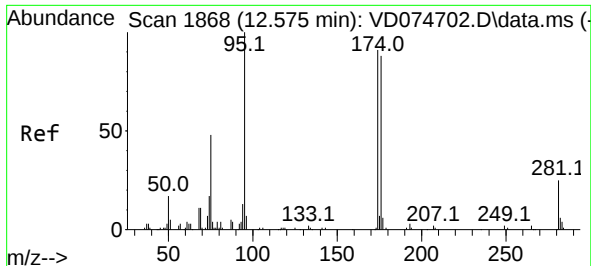
Tgt Ion: 98 Resp: 211809

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

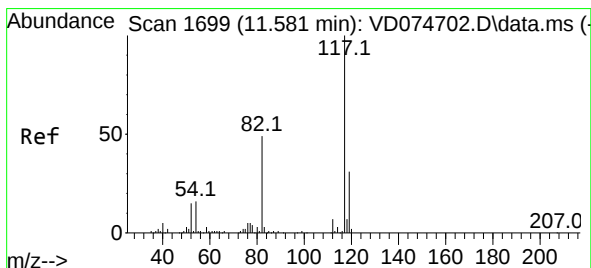
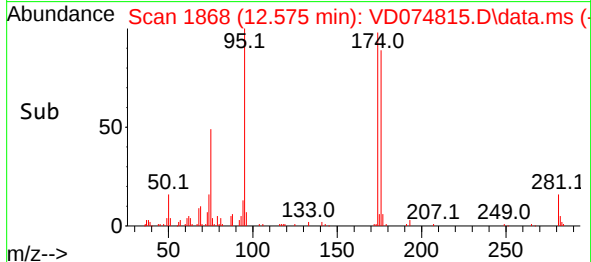
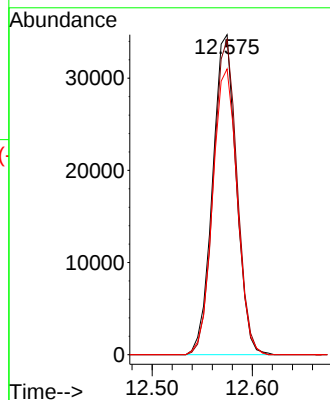
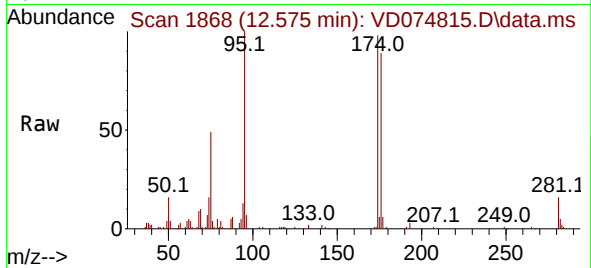




#62
4-Bromofluorobenzene
Concen: 49.468 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

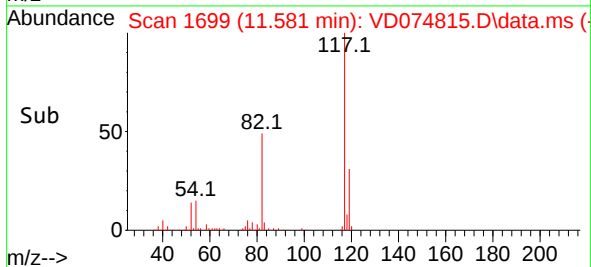
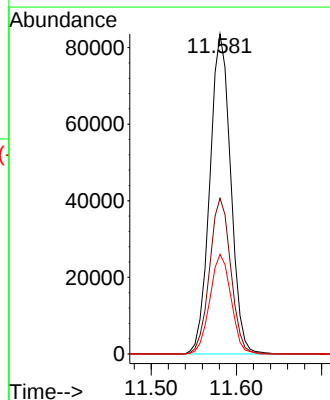
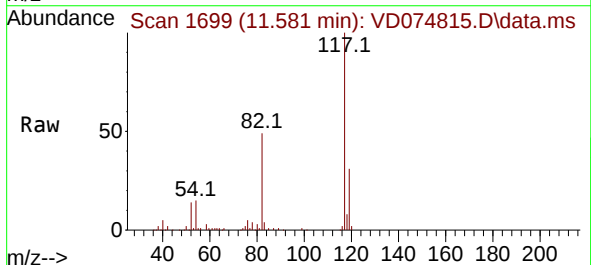
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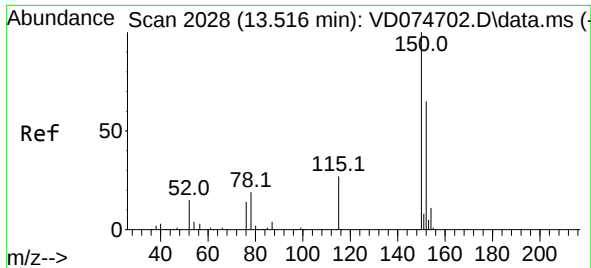
Tgt Ion: 95 Resp: 56967
Ion Ratio Lower Upper
95 100
174 98.3 0.0 197.0
176 92.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074815.D
Acq: 08 Nov 2022 20:38

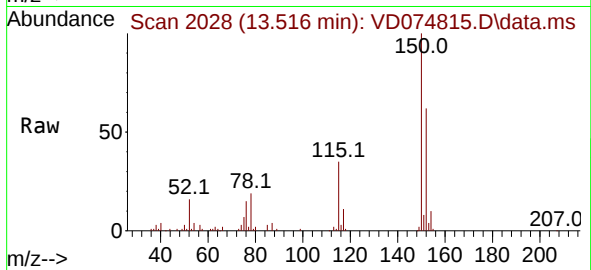
Tgt Ion: 117 Resp: 142291
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 31.1 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074815.D
 Acq: 08 Nov 2022 20:38

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-21



Tgt Ion:152 Resp: 51798
 Ion Ratio Lower Upper
 152 100
 115 54.7 26.8 80.4
 150 158.0 0.0 348.2

