

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074909.D
 Acq On : 12 Nov 2022 01:50
 Operator : VA/SY
 Sample : N5509-10
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11

Quant Time: Nov 14 00:59:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

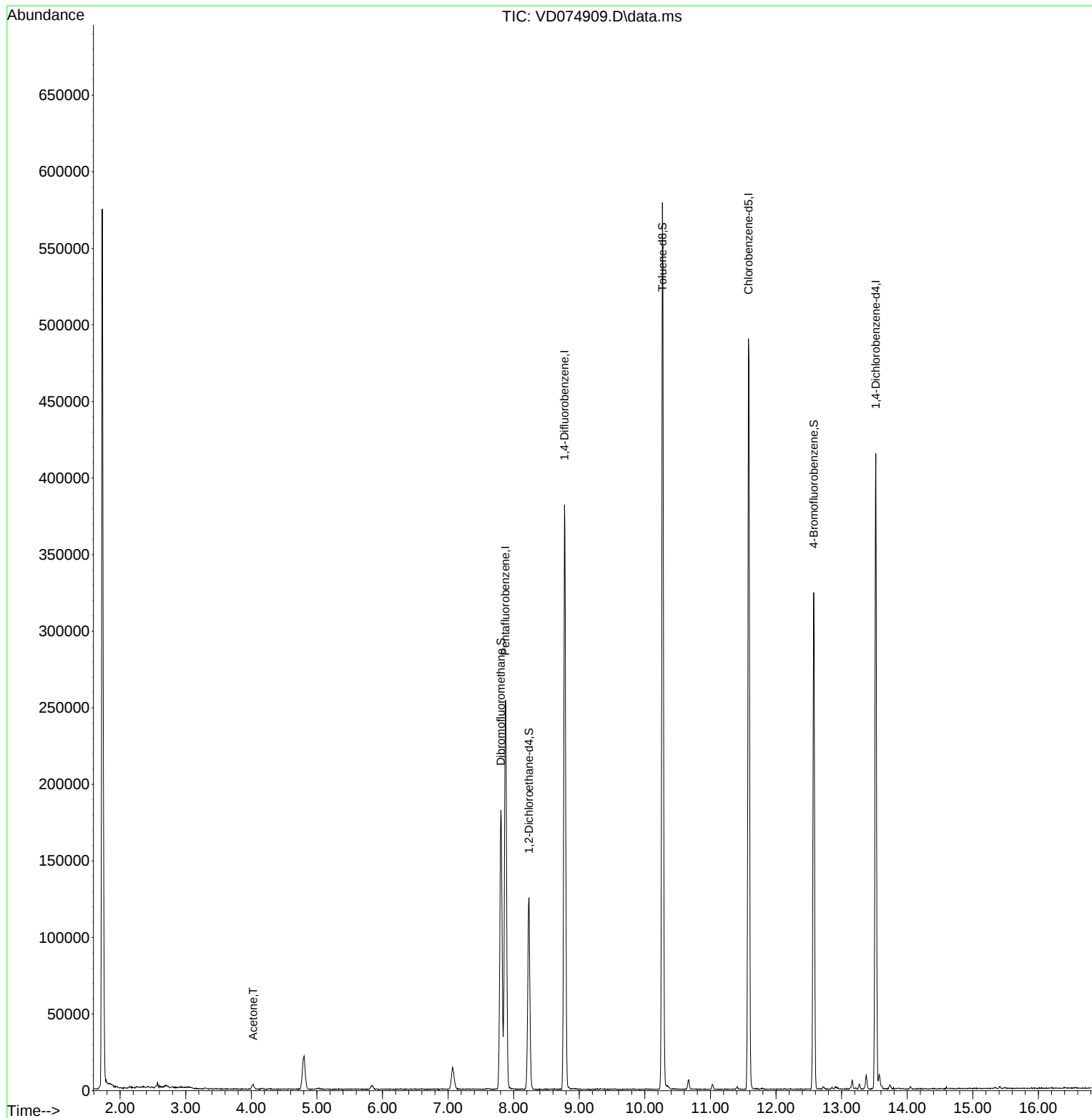
Internal Standards						
1) Pentafluorobenzene	7.875	168	211825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	361791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	116678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	95343	70.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.240%	
35) Dibromofluoromethane	7.804	113	137884	61.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.660%	
50) Toluene-d8	10.269	98	416169	56.650	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.300%	
62) 4-Bromofluorobenzene	12.575	95	100115	44.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.760%	
Target Compounds						
16) Acetone	4.028	43	4552	13.017	ug/l	Qvalue # 86

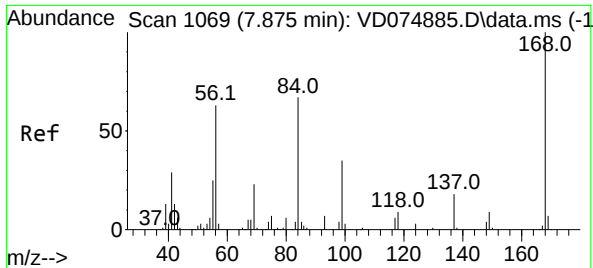
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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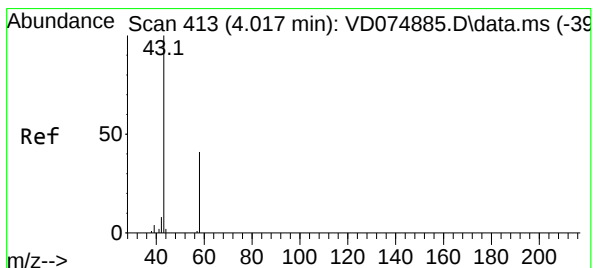
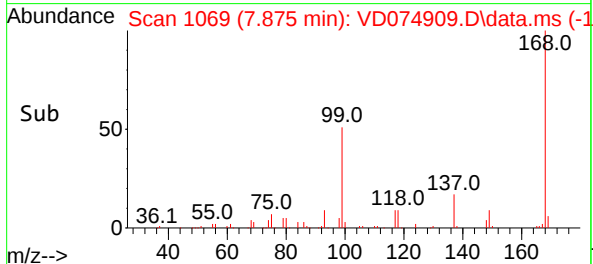
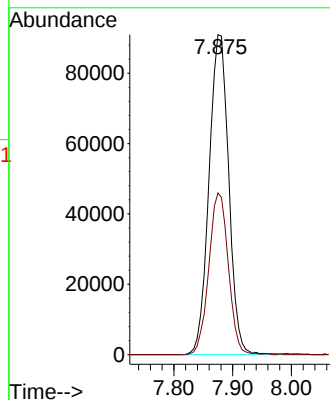
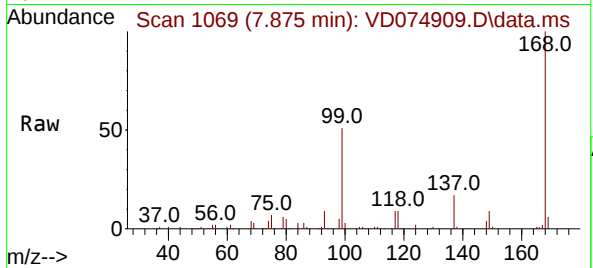




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

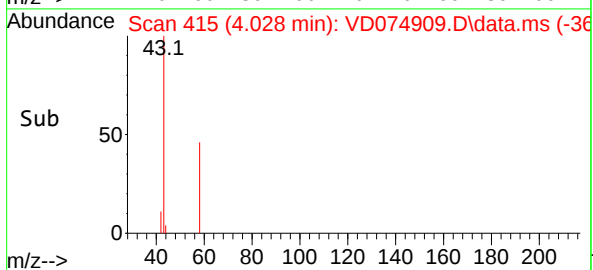
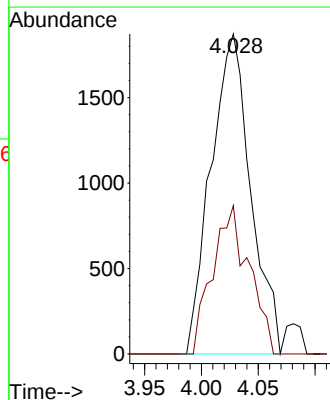
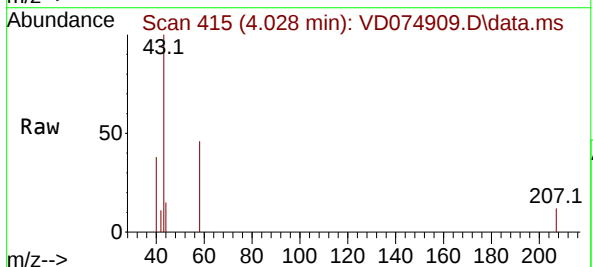
Instrument :
MSVOA_D
ClientSampleId :
TP-11

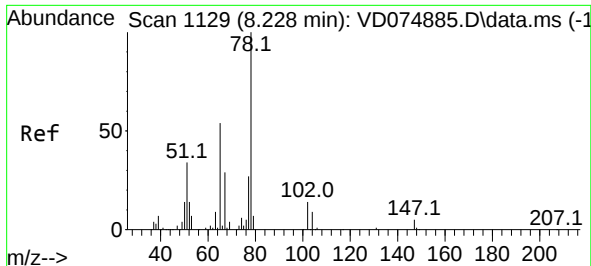
Tgt Ion:168 Resp: 211825
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#16
Acetone
Concen: 13.017 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

Tgt Ion: 43 Resp: 4552
Ion Ratio Lower Upper
43 100
58 46.4 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 70.124 ug/l

RT: 8.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074909.D

Acq: 12 Nov 2022 01:50

Instrument :

MSVOA_D

ClientSampleId :

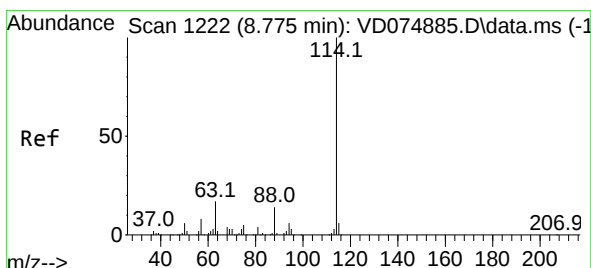
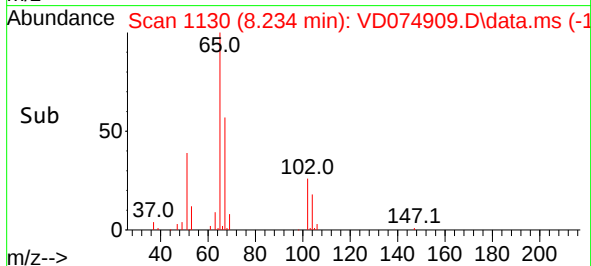
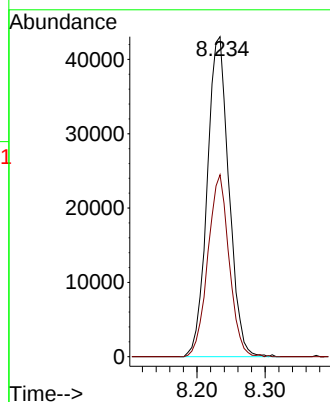
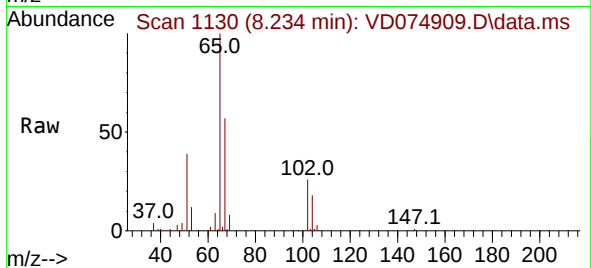
TP-11

Tgt Ion: 65 Resp: 95343

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074909.D

Acq: 12 Nov 2022 01:50

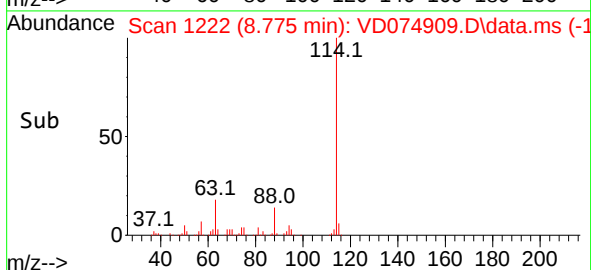
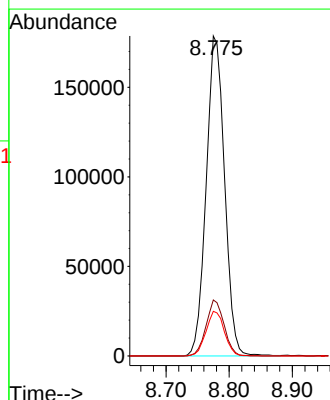
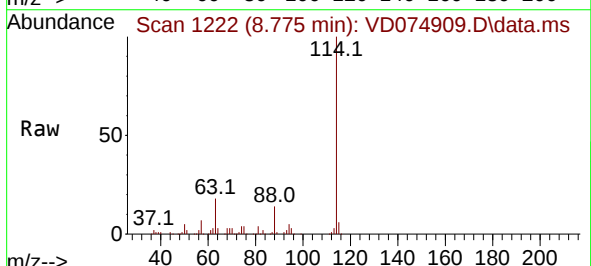
Tgt Ion: 114 Resp: 361791

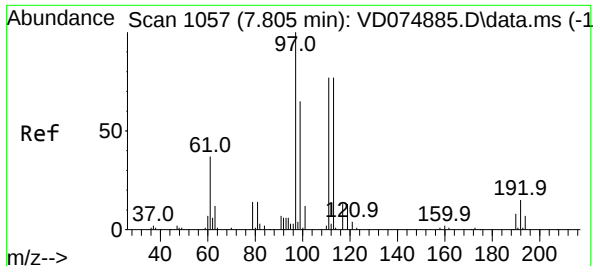
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 14.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 61.826 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074909.D

Acq: 12 Nov 2022 01:50

Instrument :

MSVOA_D

ClientSampleId :

TP-11

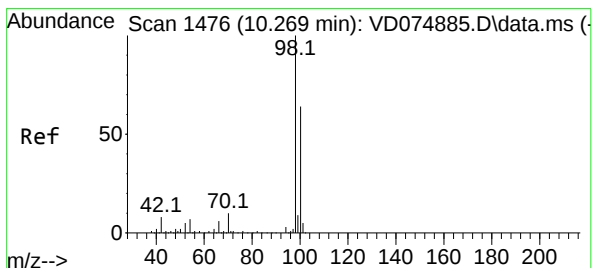
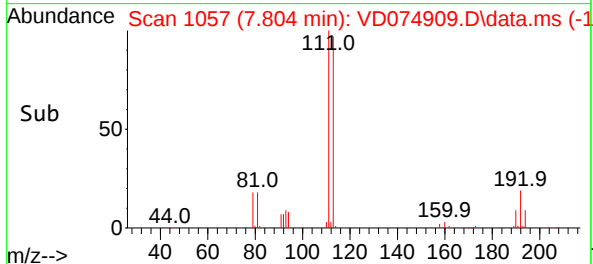
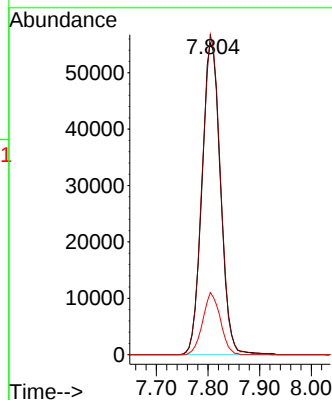
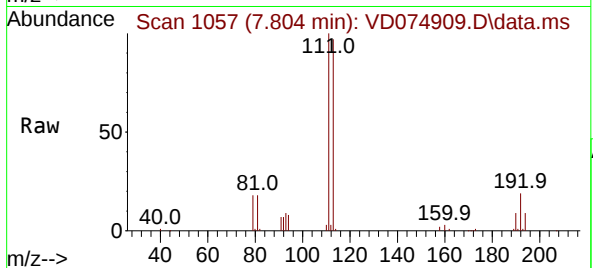
Tgt Ion:113 Resp: 137884

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 18.9 16.4 24.6



#50

Toluene-d8

Concen: 56.650 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074909.D

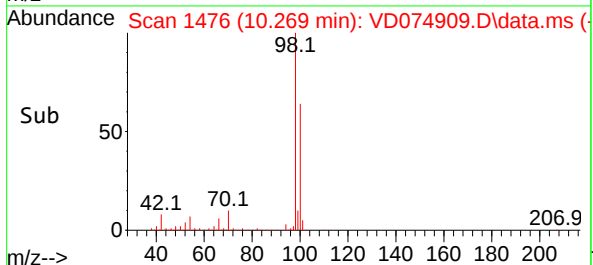
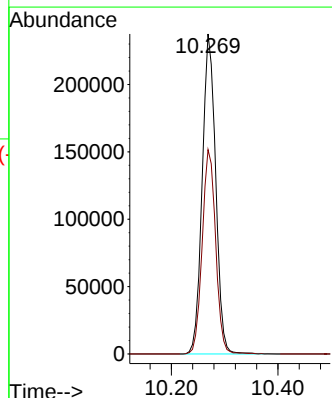
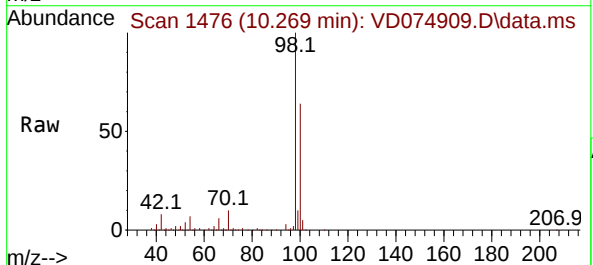
Acq: 12 Nov 2022 01:50

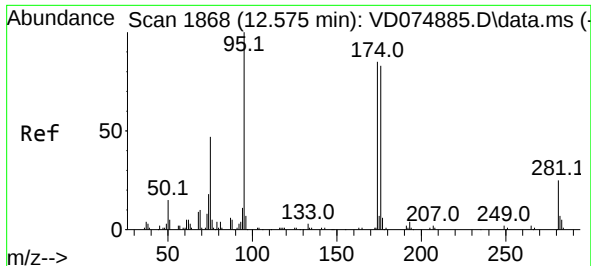
Tgt Ion: 98 Resp: 416169

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

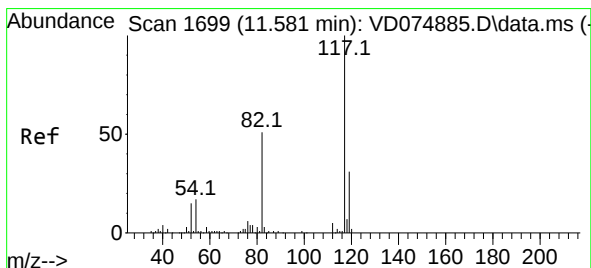
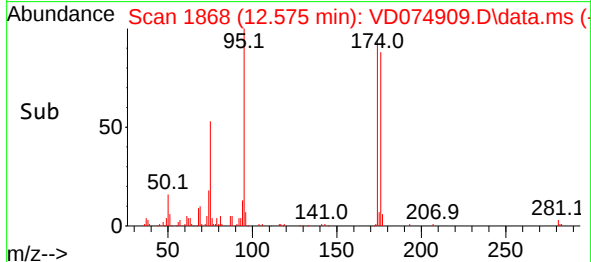
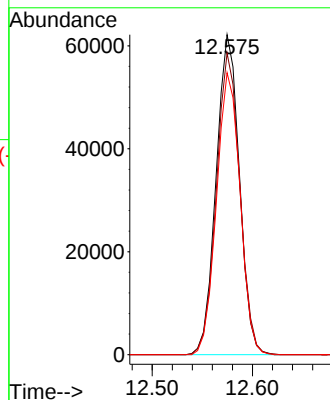
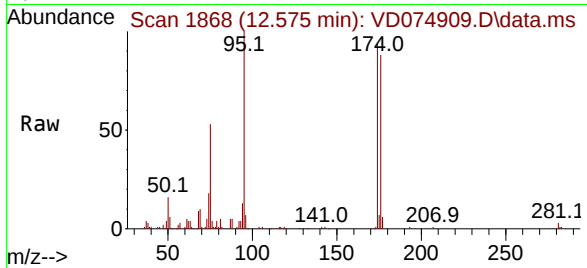




#62
4-Bromofluorobenzene
Concen: 44.381 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

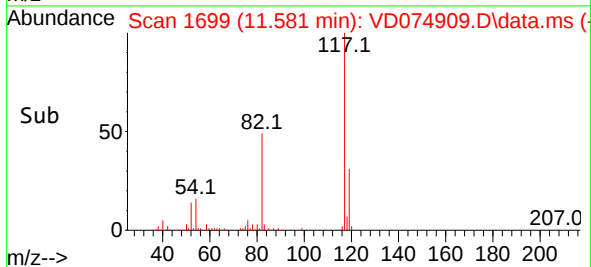
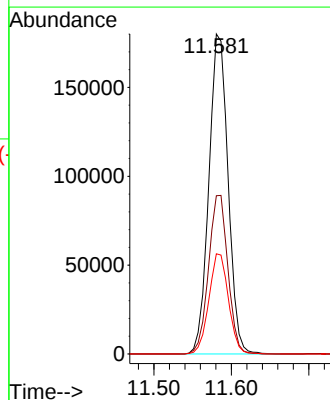
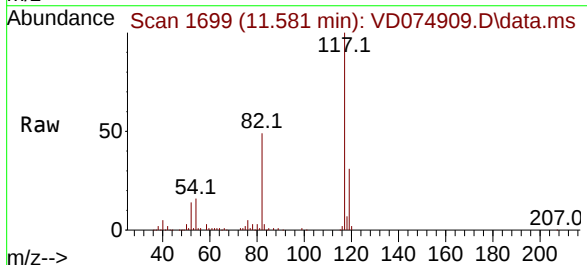
Instrument :
MSVOA_D
ClientSampleId :
TP-11

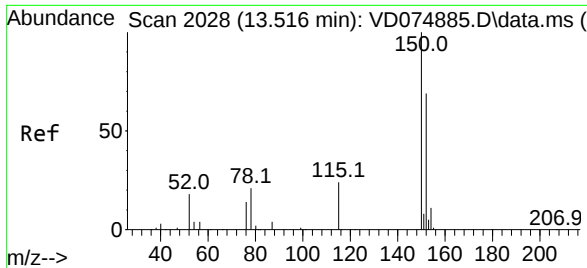
Tgt Ion: 95 Resp: 100115
Ion Ratio Lower Upper
95 100
174 94.7 0.0 197.0
176 89.3 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074909.D
Acq: 12 Nov 2022 01:50

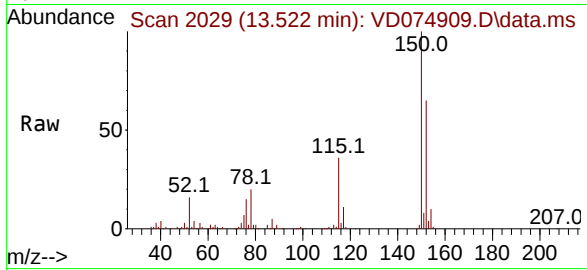
Tgt Ion: 117 Resp: 310480
Ion Ratio Lower Upper
117 100
82 49.5 41.6 62.4
119 31.3 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074909.D
 Acq: 12 Nov 2022 01:50

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-11



Tgt Ion:152 Resp: 116678
 Ion Ratio Lower Upper
 152 100
 115 55.2 26.8 80.4
 150 156.3 0.0 348.2

