

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074850.D
 Acq On : 10 Nov 2022 03:09
 Operator : VA/SY
 Sample : N5506-10
 Misc : 3.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Nov 10 05:51:12 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)

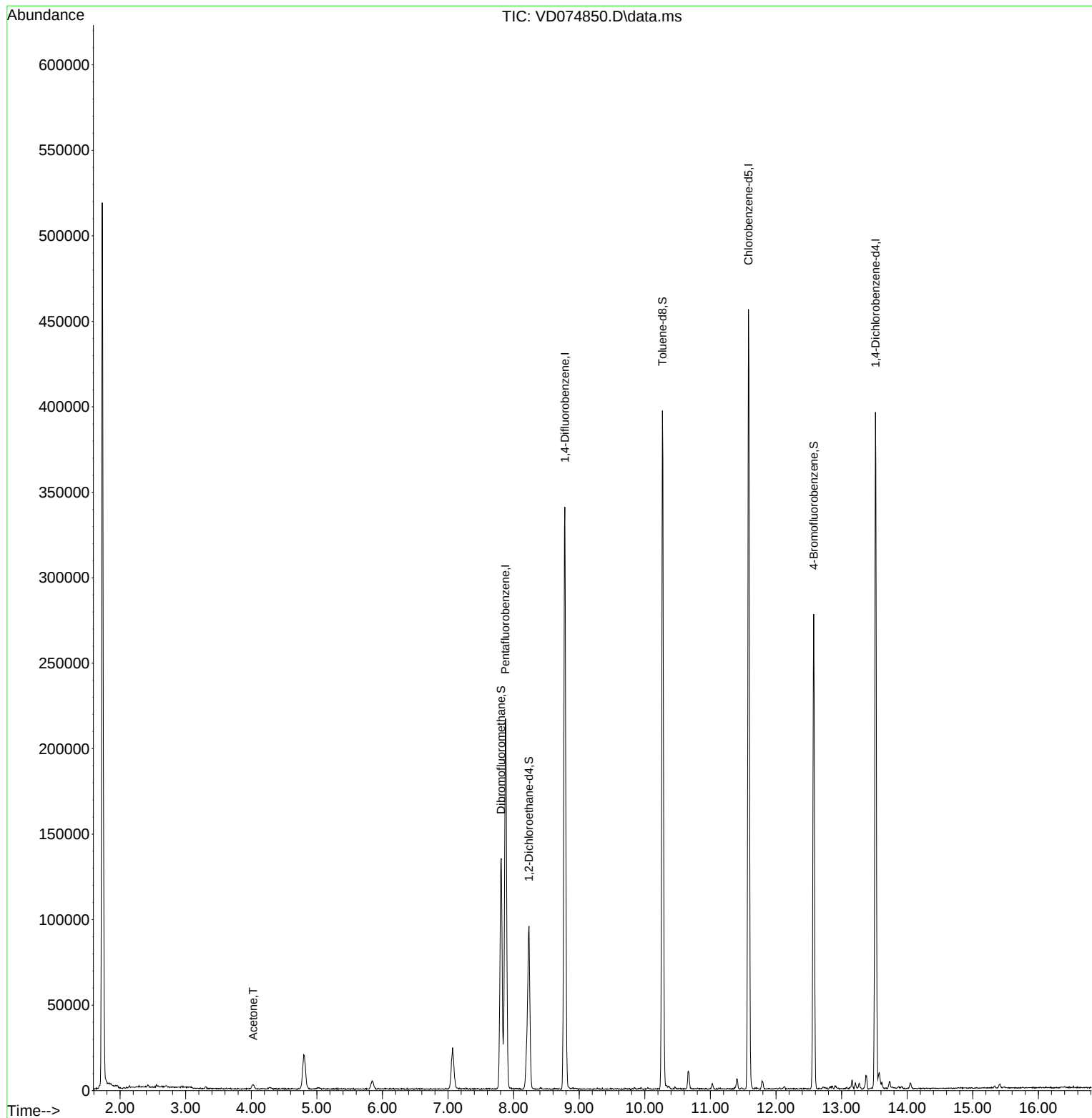
Internal Standards						
1) Pentafluorobenzene	7.875	168	174419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	327059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68432	49.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.810	113	99209	51.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.269	98	285159	40.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.820%
62) 4-Bromofluorobenzene	12.575	95	84540	41.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.980%
Target Compounds					Qvalue	
16) Acetone	4.028	43	4558	15.811	ug/l	94

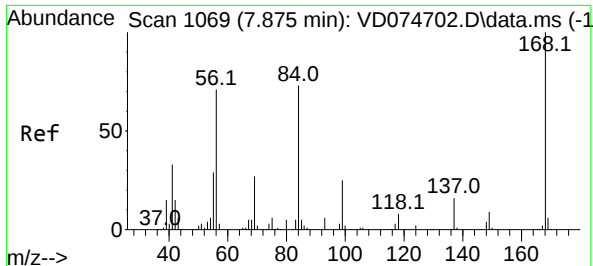
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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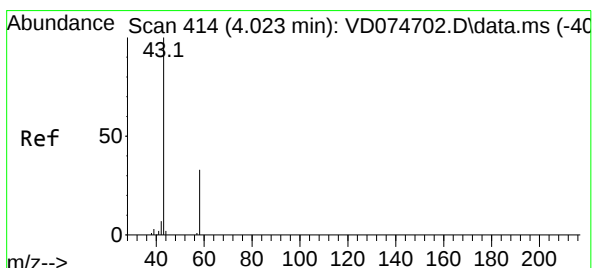
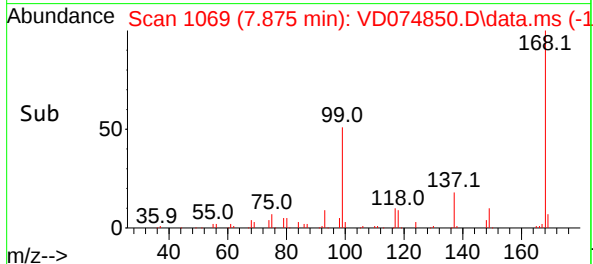
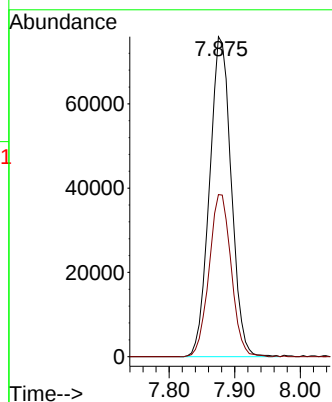
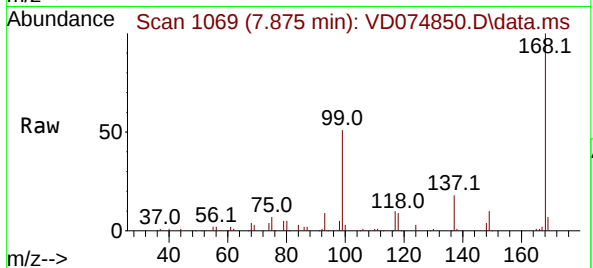




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

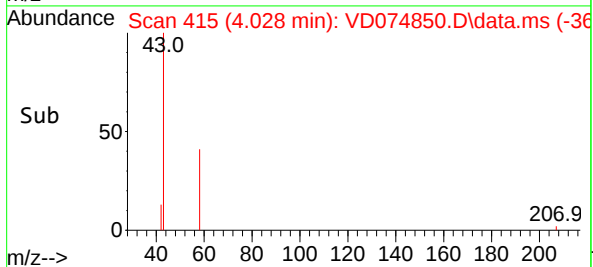
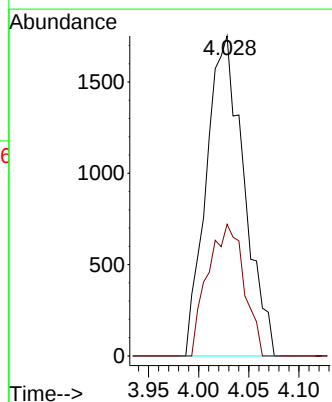
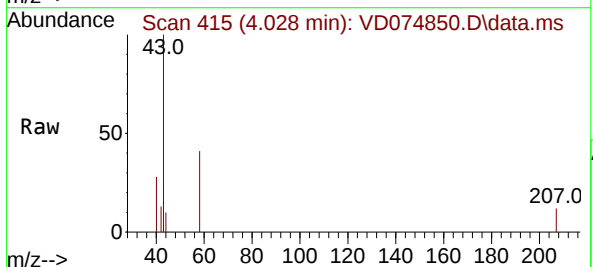
Instrument :
MSVOA_D
ClientSampleId :
TP-9

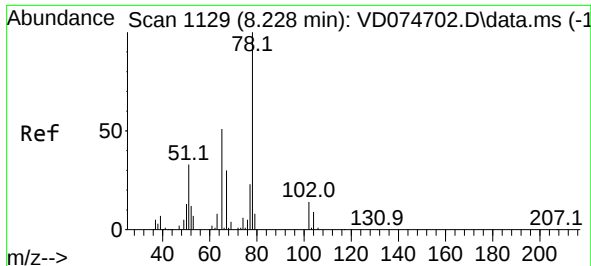
Tgt Ion:168 Resp: 174419
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#16
Acetone
Concen: 15.811 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.005 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

Tgt Ion: 43 Resp: 4558
Ion Ratio Lower Upper
43 100
58 41.2 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 49.537 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

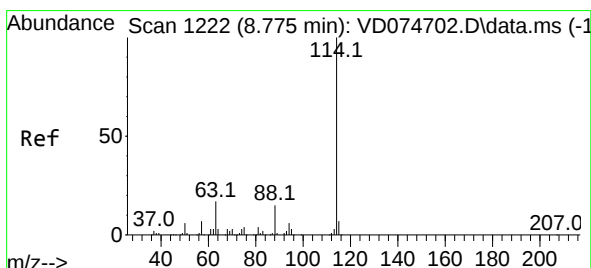
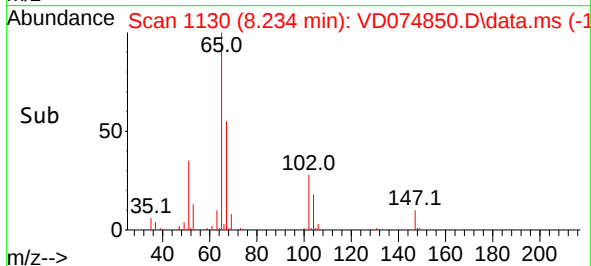
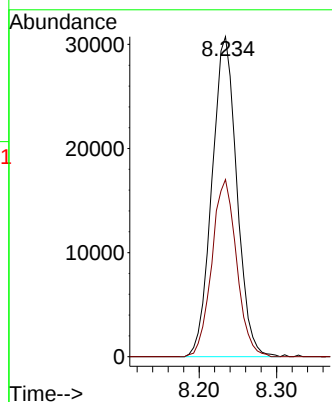
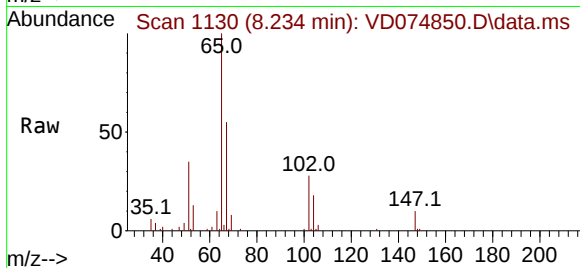
TP-9

Tgt Ion: 65 Resp: 68432

Ion Ratio Lower Upper

65 100

67 55.2 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: VD074850.D

Acq: 10 Nov 2022 03:09

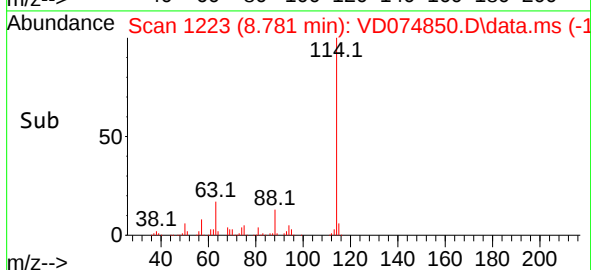
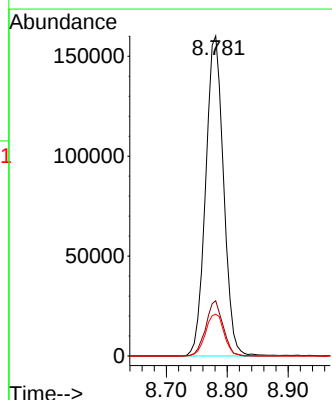
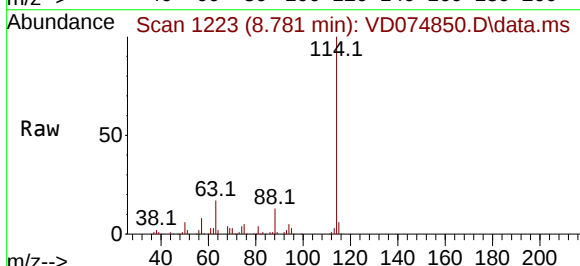
Tgt Ion: 114 Resp: 327059

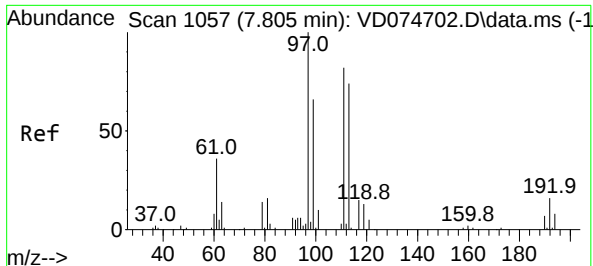
Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.2

88 13.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 7.810 min Scan# 110

Delta R.T. 0.005 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

TP-9

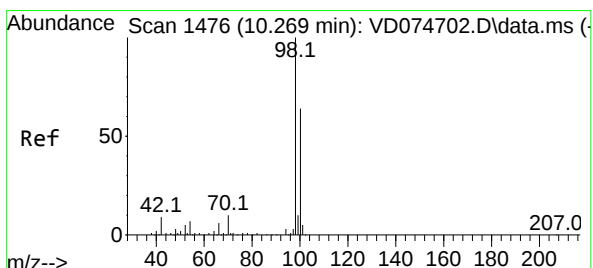
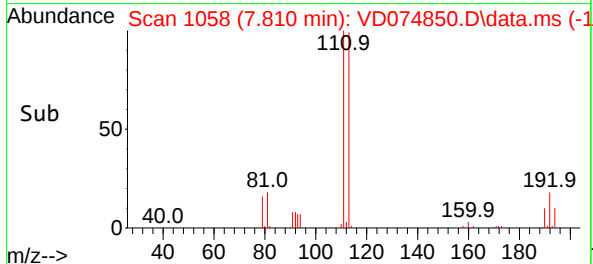
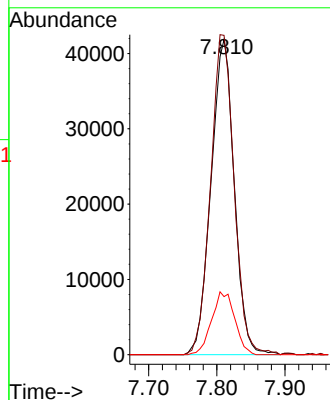
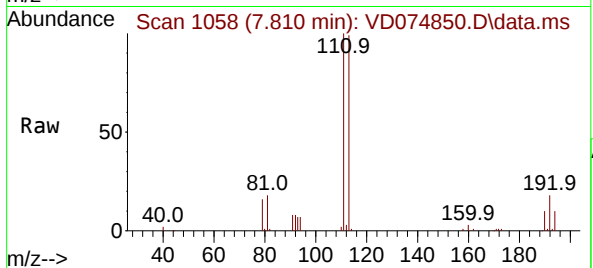
Tgt Ion:113 Resp: 99209

Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 19.9 16.4 24.6



#50

Toluene-d8

Concen: 40.407 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074850.D

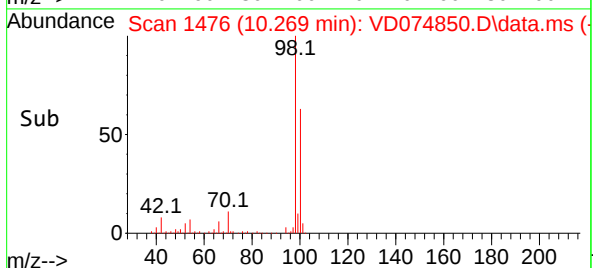
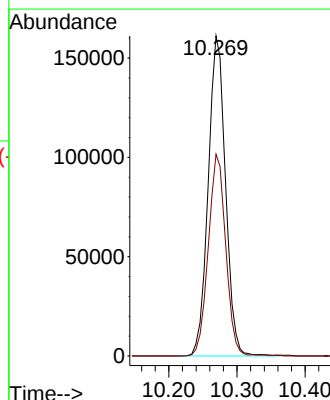
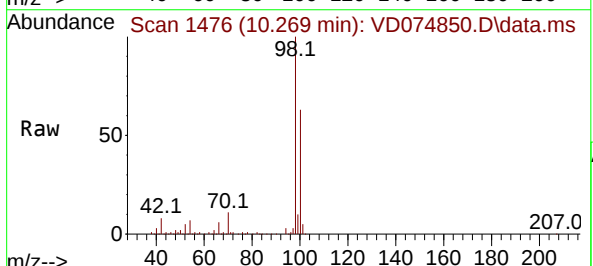
Acq: 10 Nov 2022 03:09

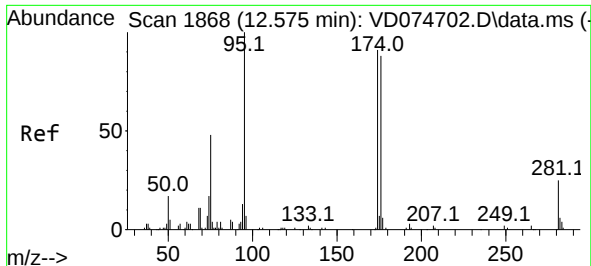
Tgt Ion: 98 Resp: 285159

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.0

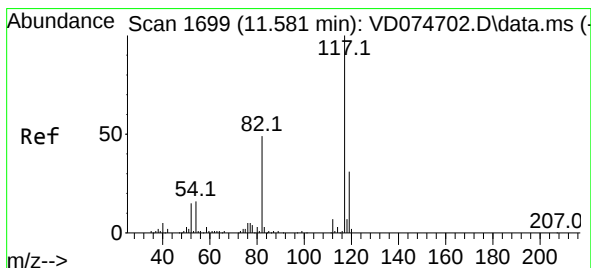
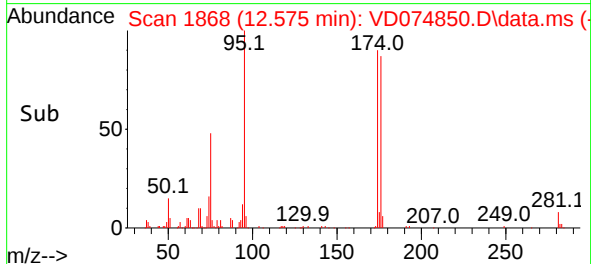
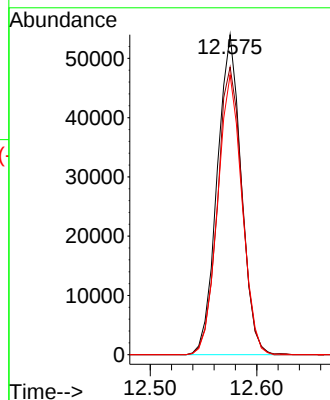
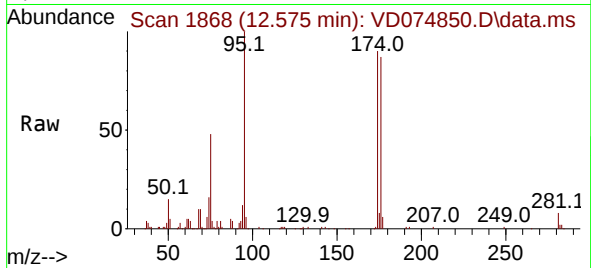




#62
4-Bromofluorobenzene
Concen: 41.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

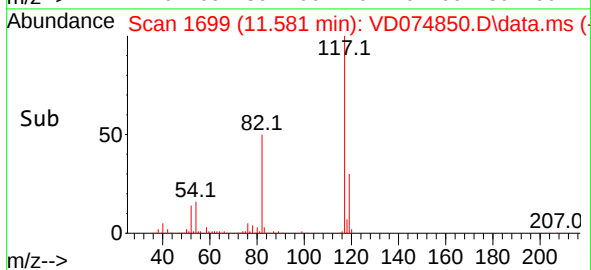
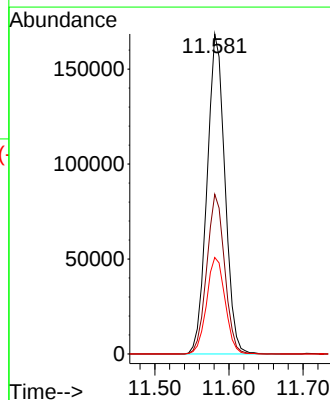
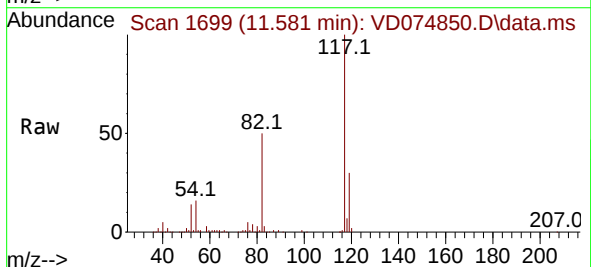
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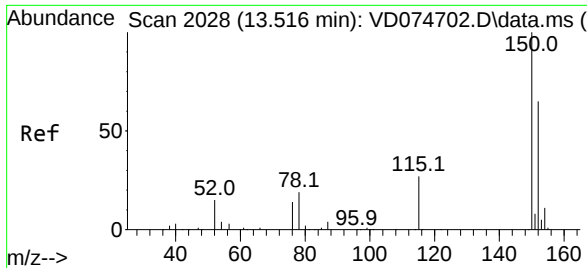
Tgt Ion: 95 Resp: 84540
Ion Ratio Lower Upper
95 100
174 91.9 0.0 197.0
176 88.6 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

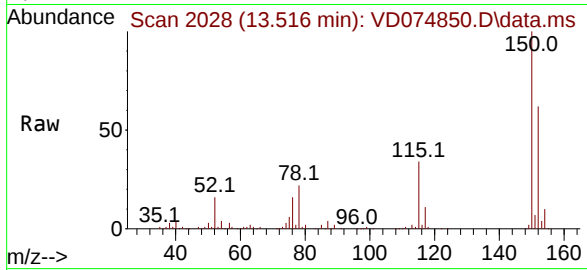
Tgt Ion: 117 Resp: 281819
Ion Ratio Lower Upper
117 100
82 49.9 41.6 62.4
119 30.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074850.D
 Acq: 10 Nov 2022 03:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9



Tgt Ion:152 Resp: 110852
 Ion Ratio Lower Upper
 152 100
 115 55.9 26.8 80.4
 150 157.7 0.0 348.2

