

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074908.D
 Acq On : 12 Nov 2022 01:22
 Operator : VA/SY
 Sample : N5509-07
 Misc : 5.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-12

Quant Time: Nov 14 00:58:58 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)

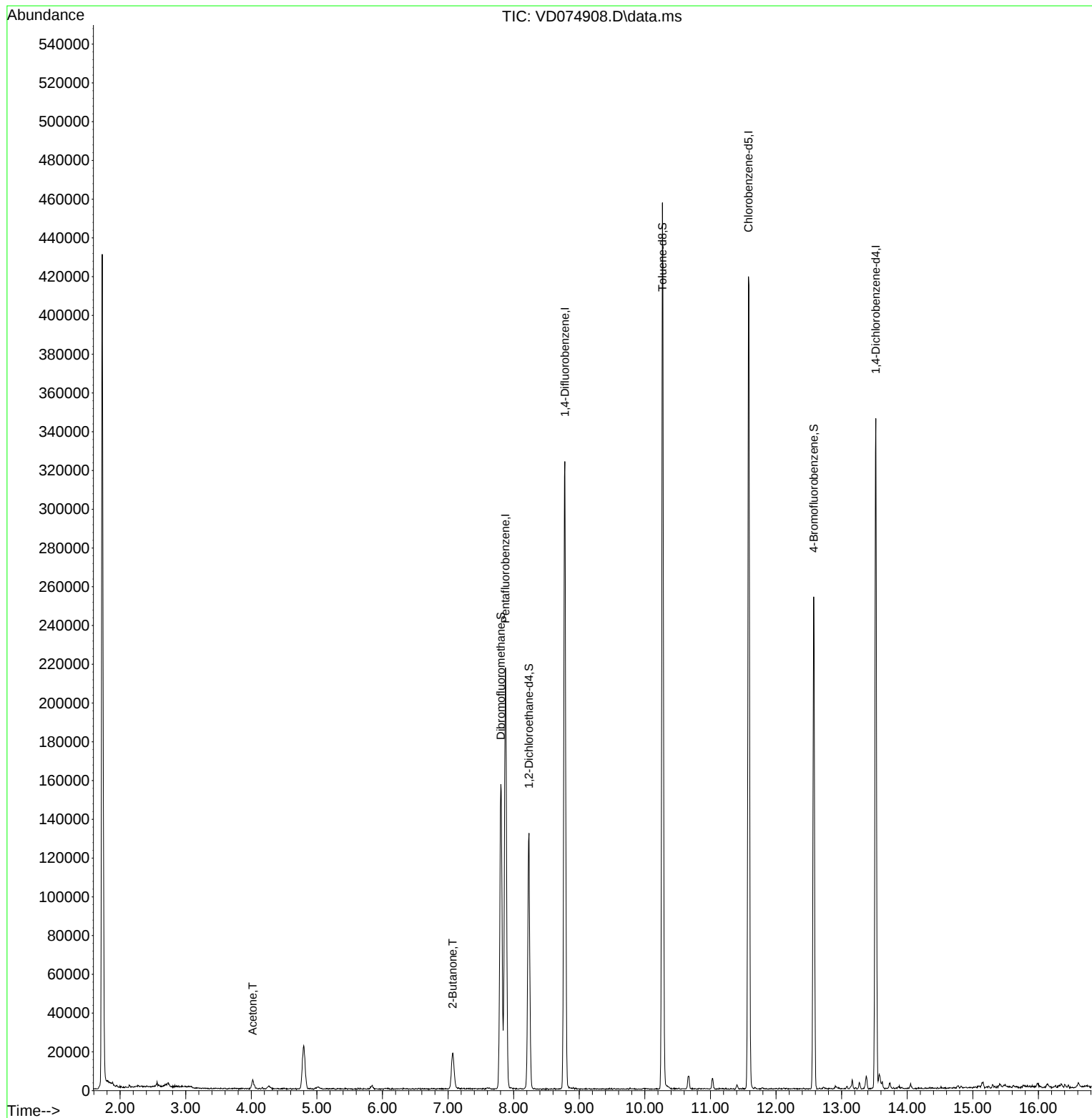
Internal Standards						
1) Pentafluorobenzene	7.875	168	179177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	98583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	98124	86.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 173.560%#	
35) Dibromofluoromethane	7.804	113	119611	62.689	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.380%	
50) Toluene-d8	10.269	98	321716	51.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	12.575	95	77835	40.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.660%	
Target Compounds						Qvalue
16) Acetone	4.022	43	7237	24.467	ug/l #	69
25) 2-Butanone	7.069	43	2875	7.433	ug/l #	42

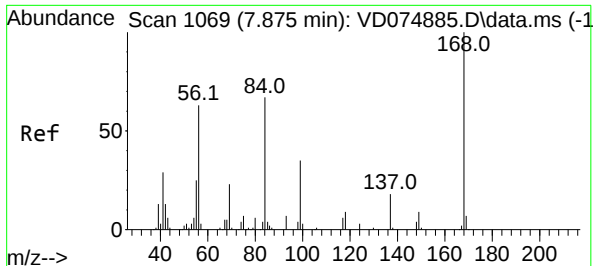
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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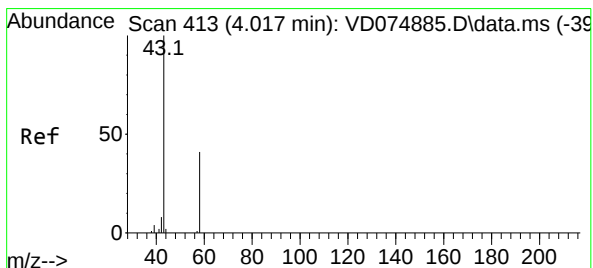
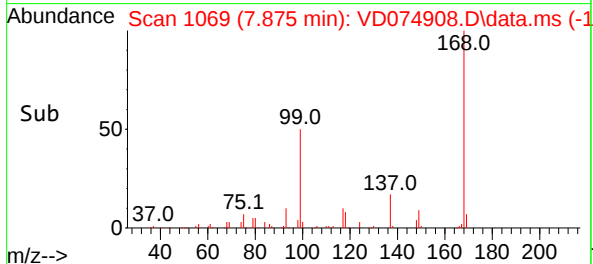
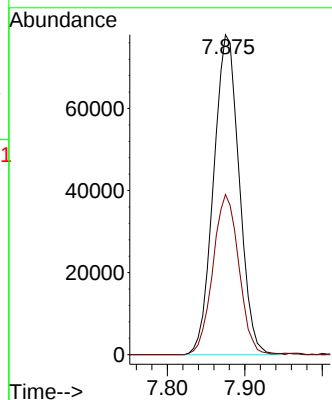
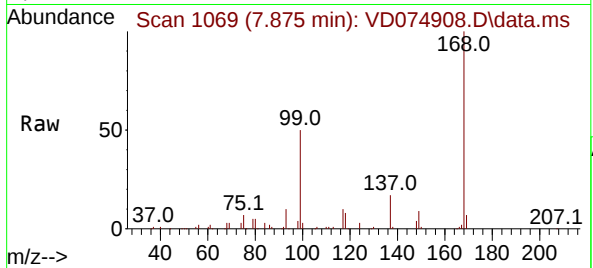




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

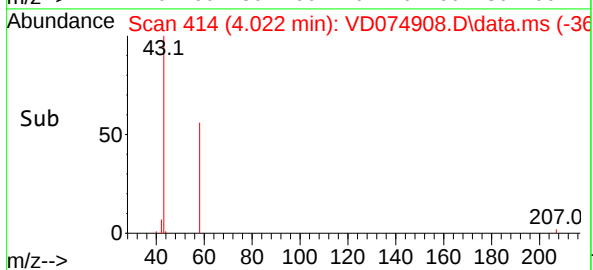
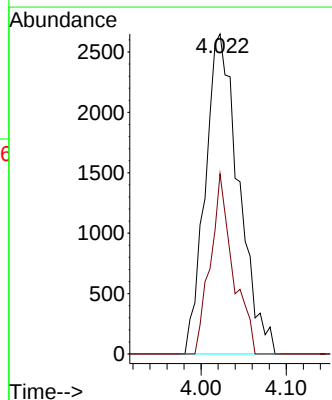
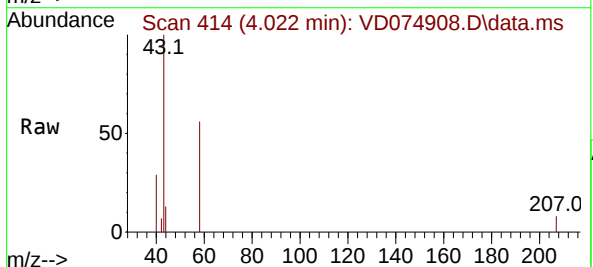
Instrument :
MSVOA_D
ClientSampleId :
TP-12

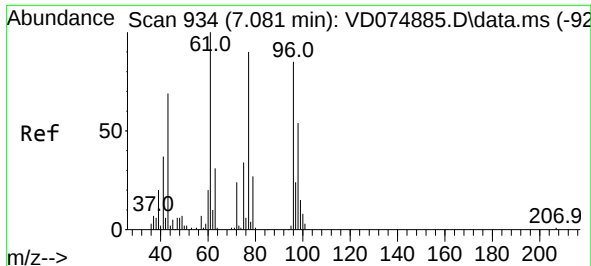
Tgt Ion:168 Resp: 179177
Ion Ratio Lower Upper
168 100
99 50.0 40.9 61.3



#16
Acetone
Concen: 24.467 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

Tgt Ion: 43 Resp: 7237
Ion Ratio Lower Upper
43 100
58 56.3 30.2 45.2#

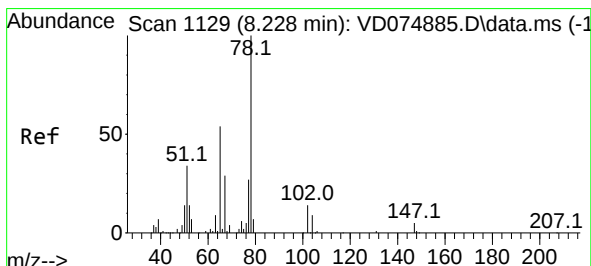
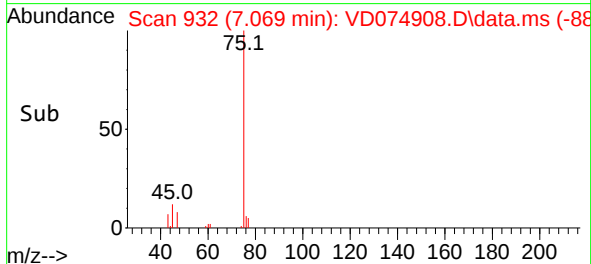
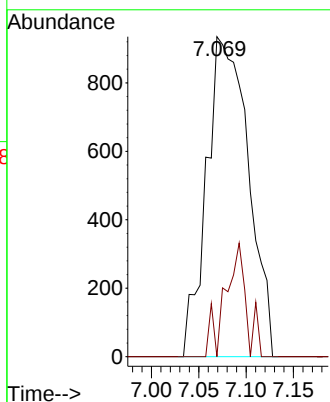
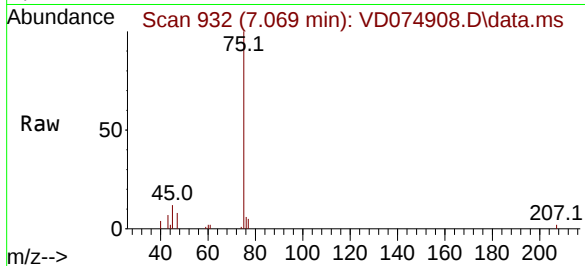




#25
2-Butanone
Concen: 7.433 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

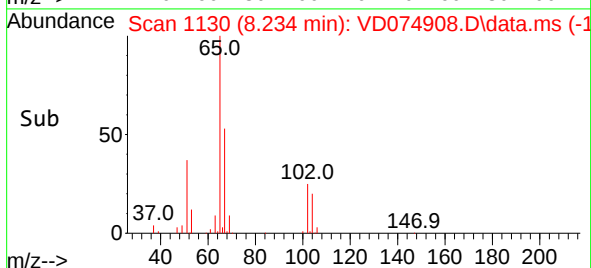
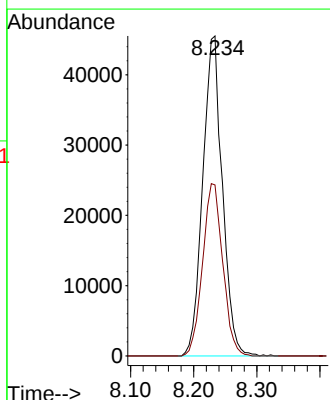
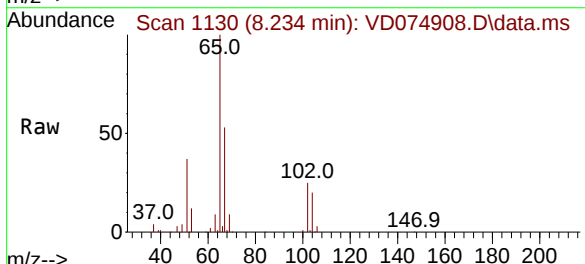
Instrument :
MSVOA_D
ClientSampleId :
TP-12

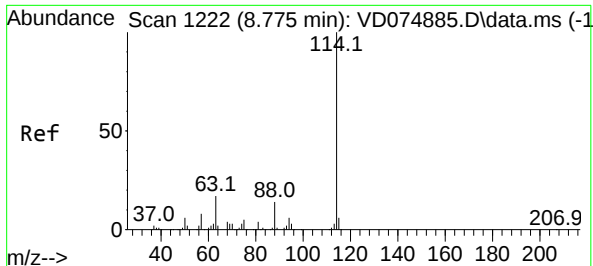
Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#33
1,2-Dichloroethane-d4
Concen: 86.776 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

Tgt Ion: 65 Resp: 98124
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074908.D

Acq: 12 Nov 2022 01:22

Instrument :

MSVOA_D

ClientSampleId :

TP-12

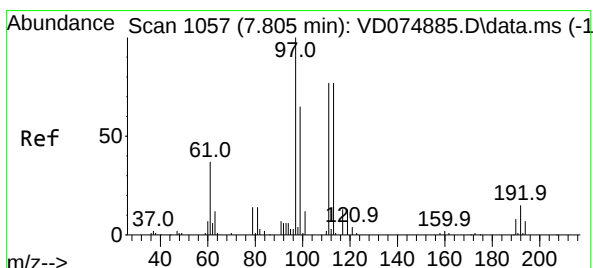
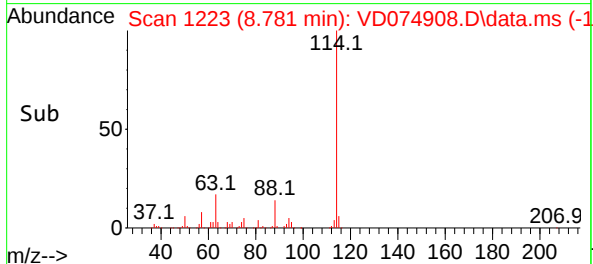
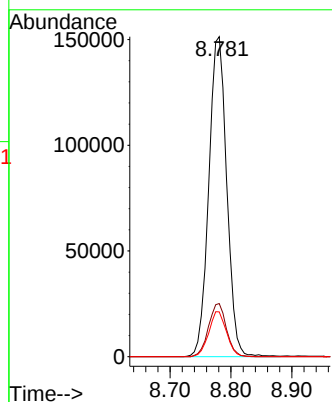
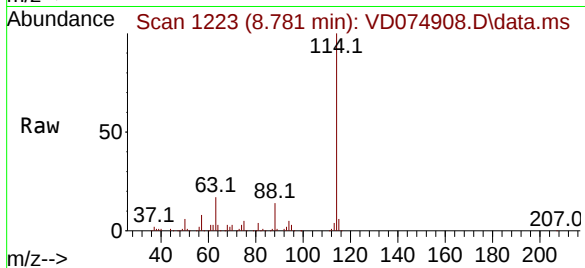
Tgt Ion:114 Resp: 309526

Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.2

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 62.689 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074908.D

Acq: 12 Nov 2022 01:22

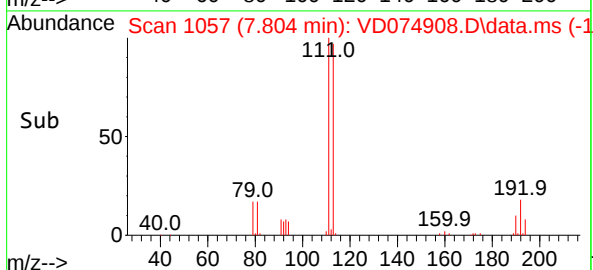
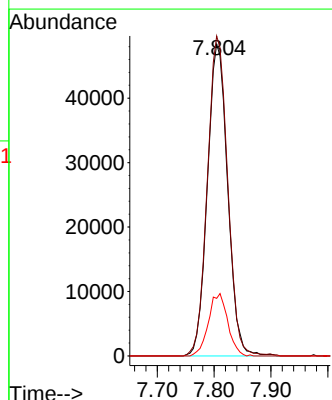
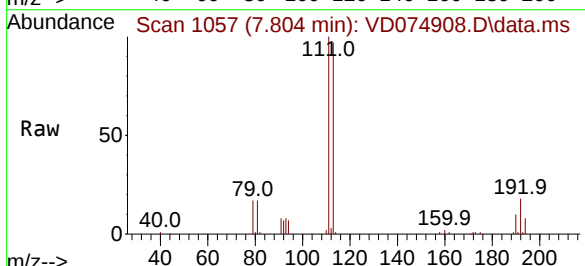
Tgt Ion:113 Resp: 119611

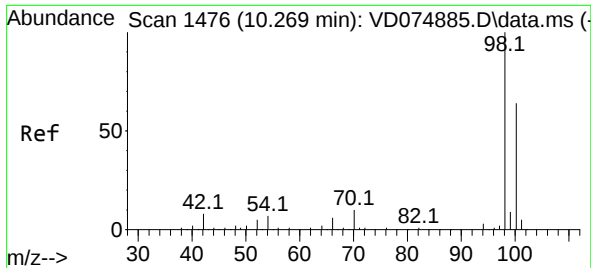
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 19.1 16.4 24.6

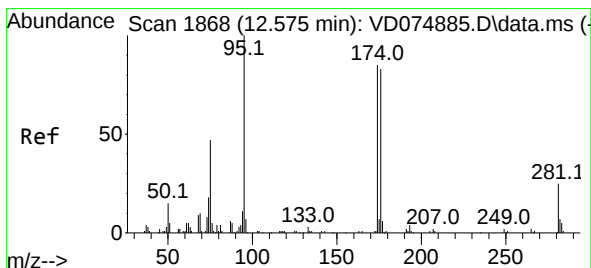
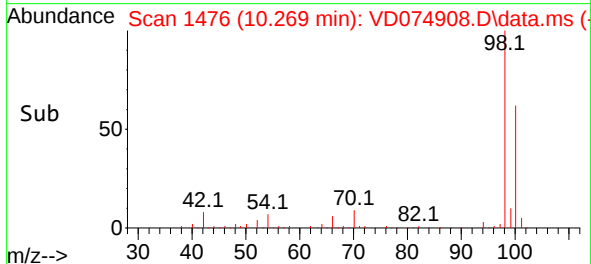
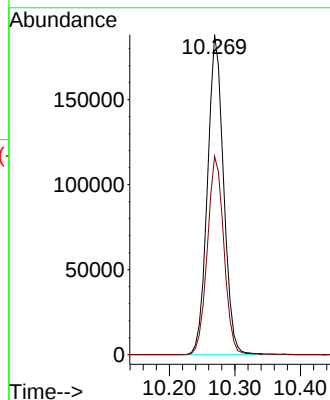
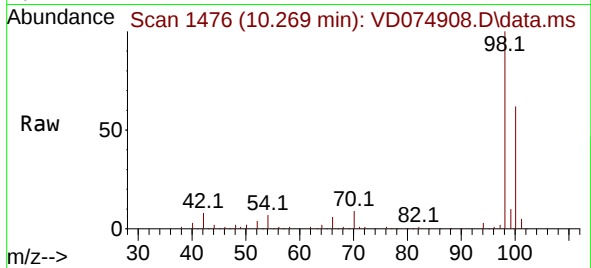




#50
Toluene-d8
Concen: 51.187 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

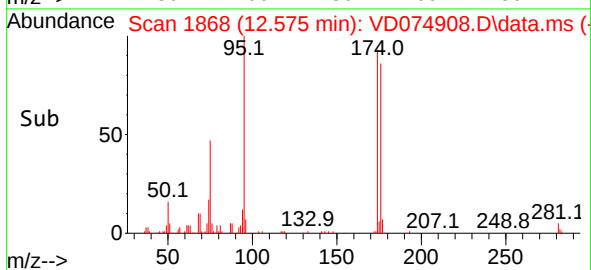
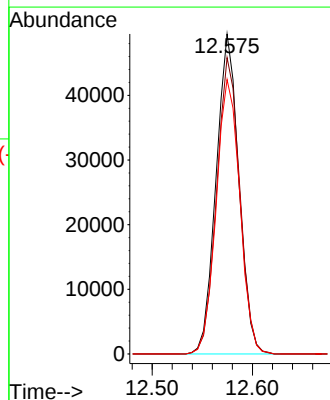
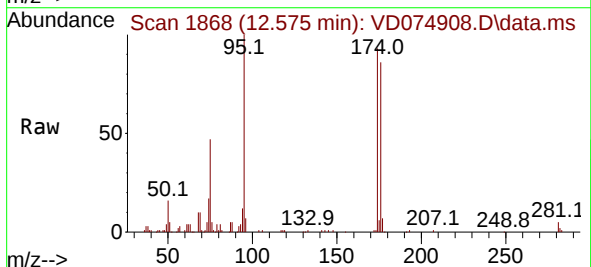
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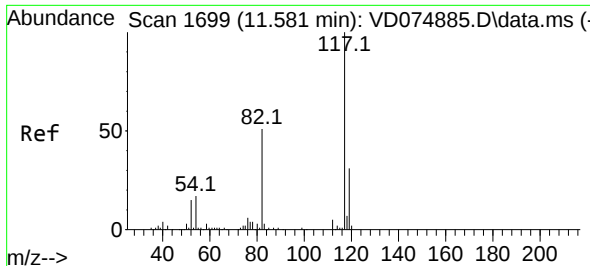
Tgt Ion: 98 Resp: 321716
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

Tgt Ion: 95 Resp: 77835
Ion Ratio Lower Upper
95 100
174 94.1 0.0 197.0
176 89.1 0.0 182.6

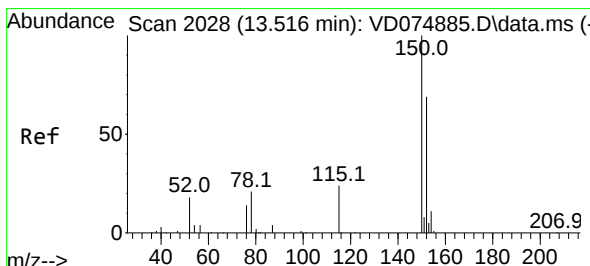
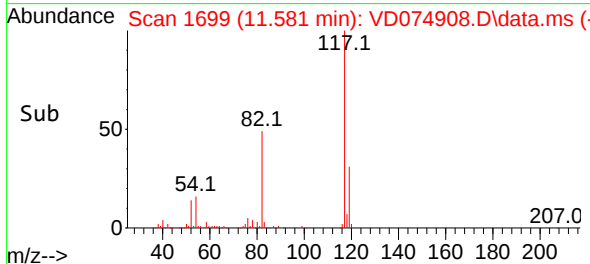
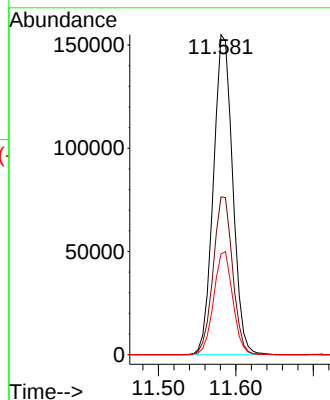
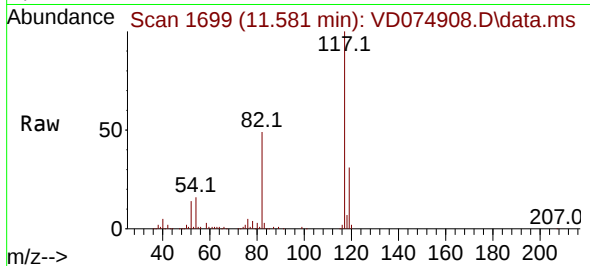




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

Instrument :
MSVOA_D
ClientSampleId :
TP-12

Tgt Ion:117 Resp: 267567
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074908.D
Acq: 12 Nov 2022 01:22

Tgt Ion:152 Resp: 98583
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 156.6 0.0 348.2

