

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
 Data File : VD076166.D
 Acq On : 19 May 2023 20:09
 Operator : KP/SY
 Sample : 02849-41
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP11

Quant Time: May 22 01:32:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

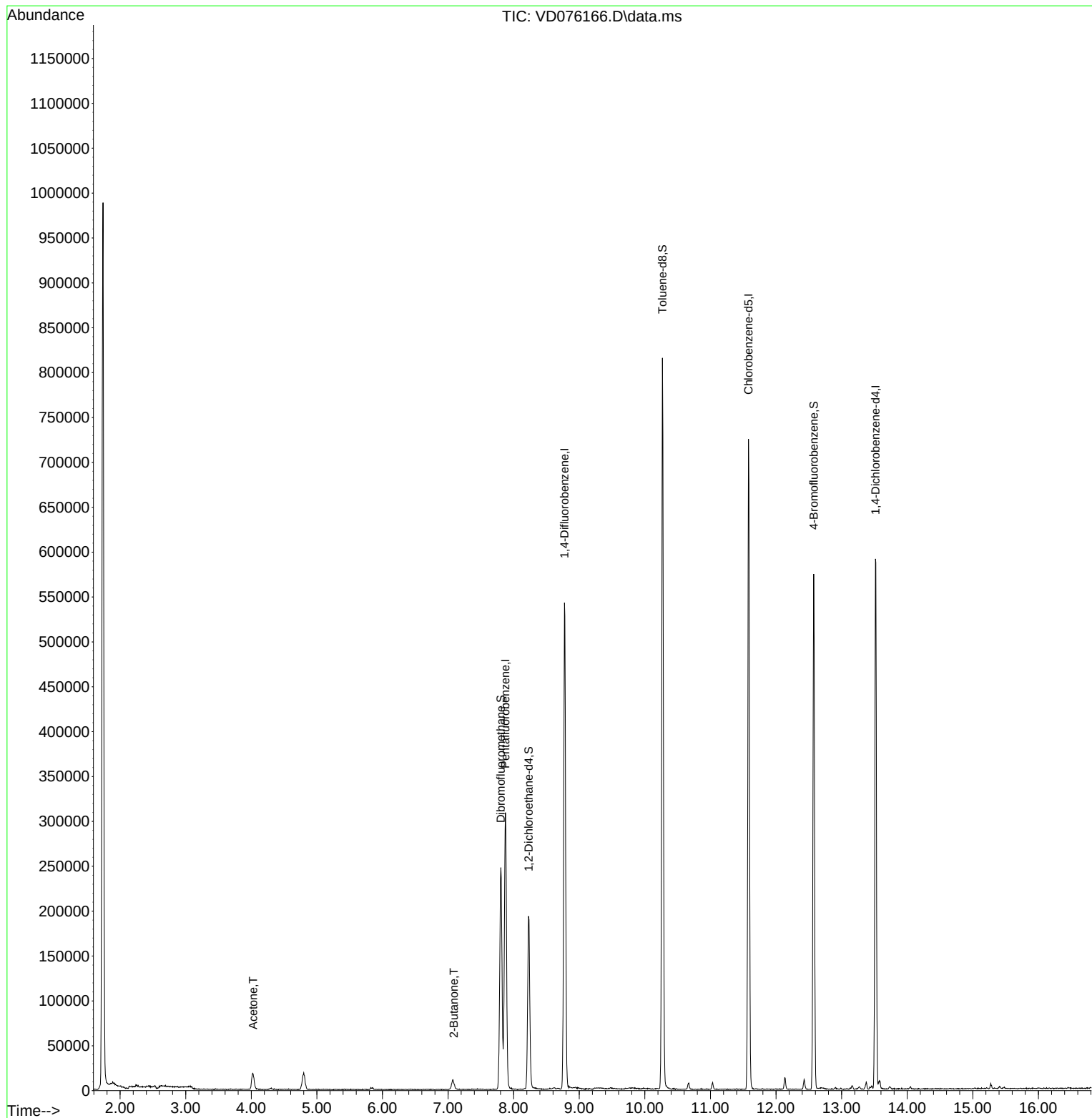
Internal Standards						
1) Pentafluorobenzene	7.875	168	249033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	510030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	443512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	147970	61.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.804	113	185805	52.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.269	98	580419	42.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.460%
62) 4-Bromofluorobenzene	12.575	95	178076	46.646	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.300%
Target Compounds						
						Qvalue
16) Acetone	4.028	43	30574	63.846	ug/l #	82
25) 2-Butanone	7.087	43	2875	4.775	ug/l	96

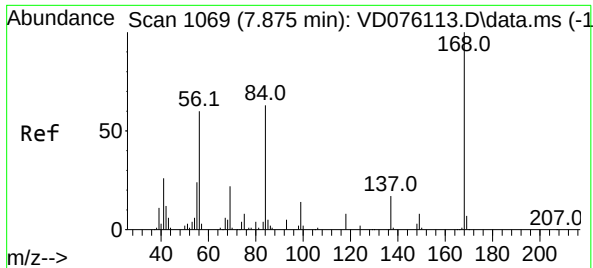
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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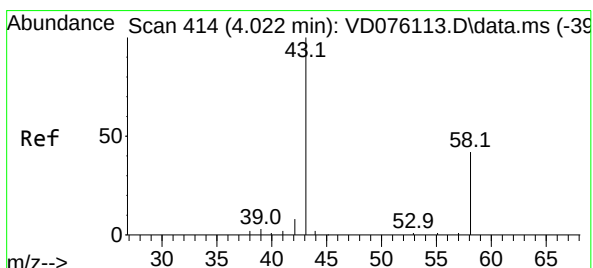
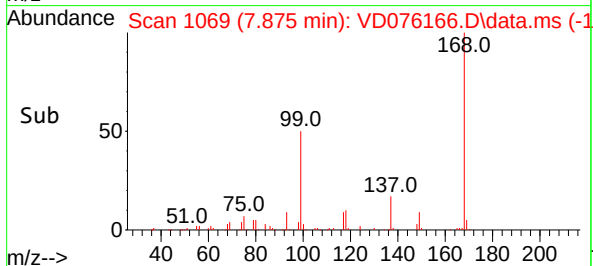
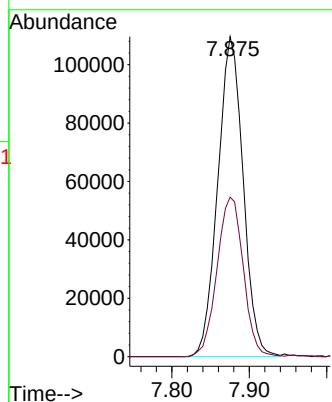
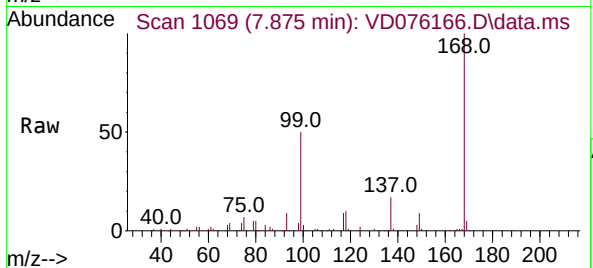




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

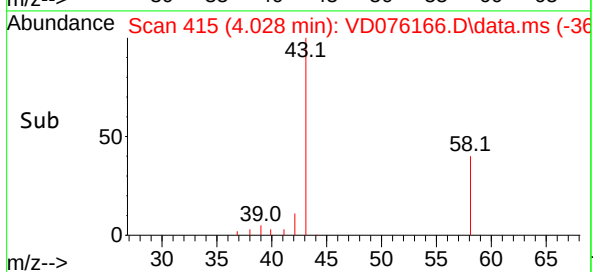
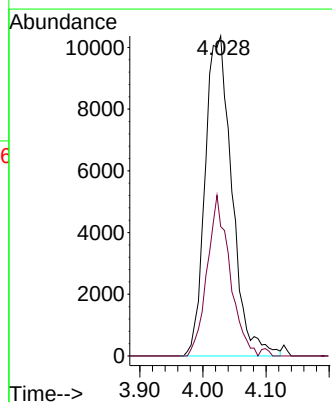
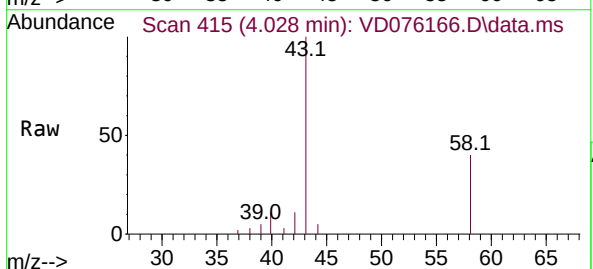
Instrument :
MSVOA_D
ClientSampleId :
TP11

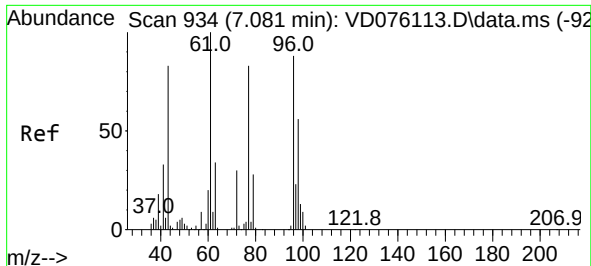
Tgt Ion:168 Resp: 249033
Ion Ratio Lower Upper
168 100
99 49.9 43.8 65.6



#16
Acetone
Concen: 63.846 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

Tgt Ion: 43 Resp: 30574
Ion Ratio Lower Upper
43 100
58 40.4 24.4 36.6#

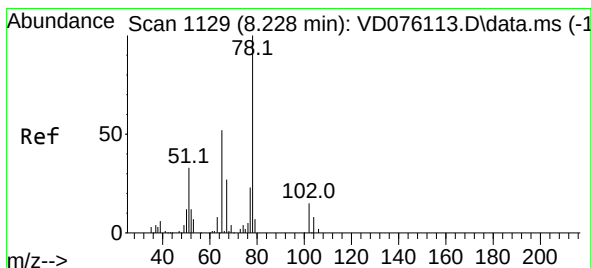
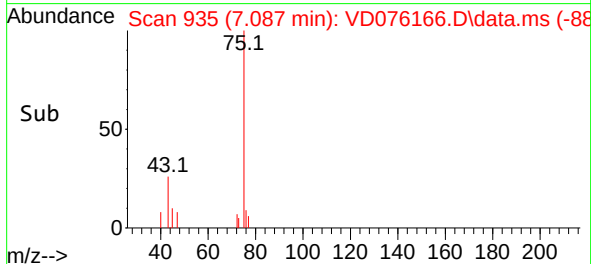
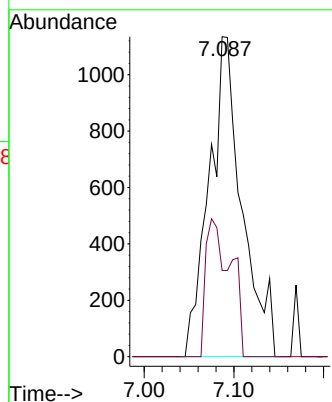
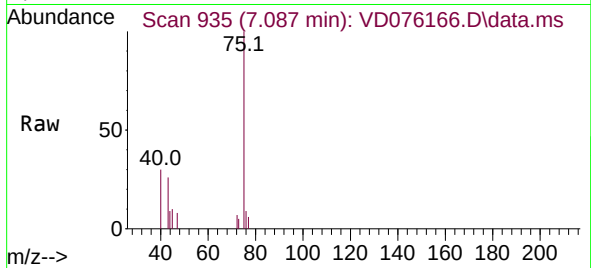




#25
2-Butanone
Concen: 4.775 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

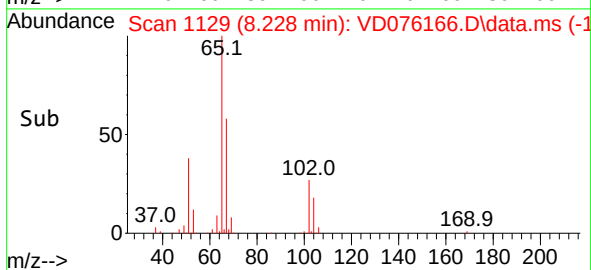
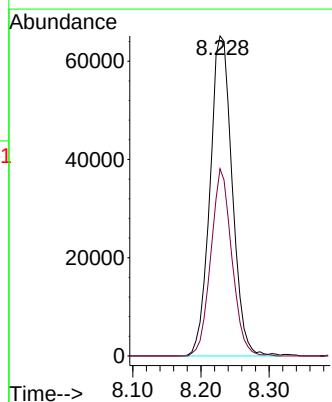
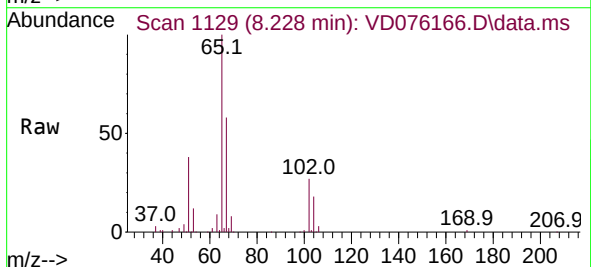
Instrument :
MSVOA_D
ClientSampleId :
TP11

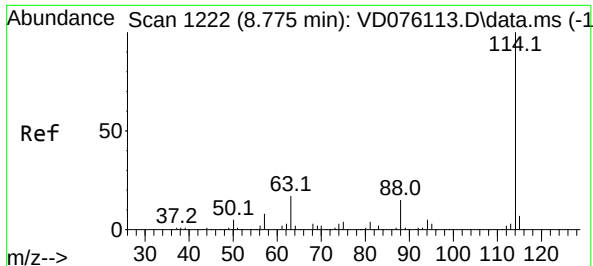
Tgt Ion: 43 Resp: 2875
Ion Ratio Lower Upper
43 100
72 27.0 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 61.479 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

Tgt Ion: 65 Resp: 147970
Ion Ratio Lower Upper
65 100
67 55.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076166.D

Acq: 19 May 2023 20:09

Instrument :

MSVOA_D

ClientSampleId :

TP11

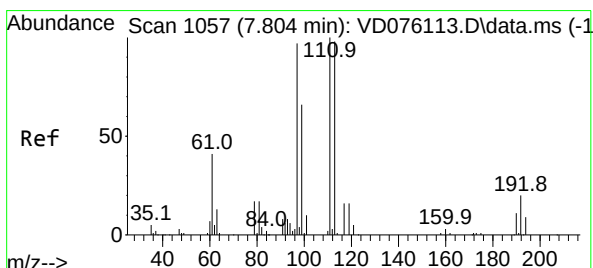
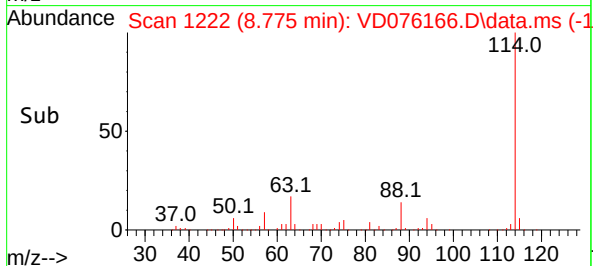
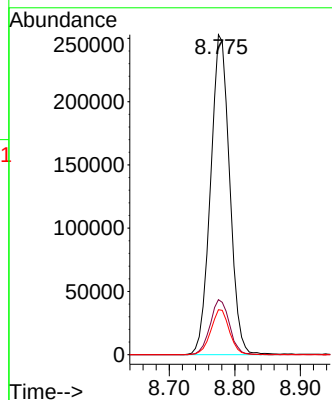
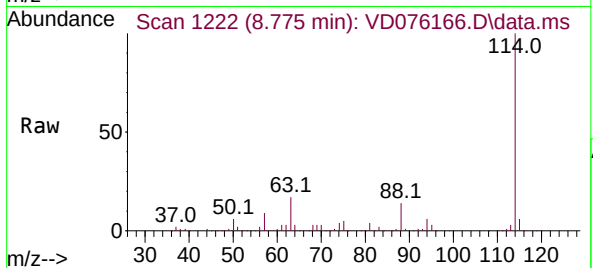
Tgt Ion:114 Resp: 510030

Ion Ratio Lower Upper

114 100

63 17.2 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.704 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076166.D

Acq: 19 May 2023 20:09

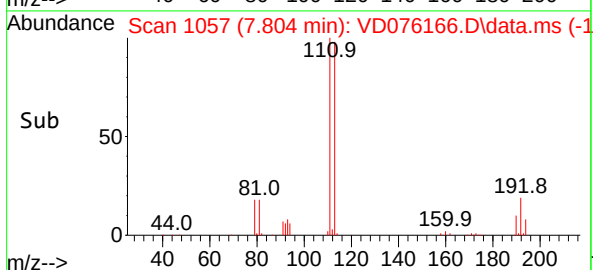
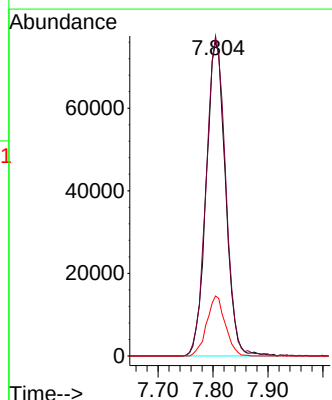
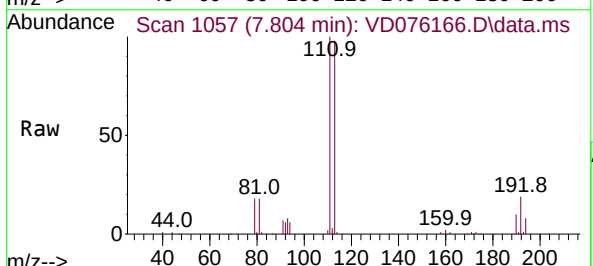
Tgt Ion:113 Resp: 185805

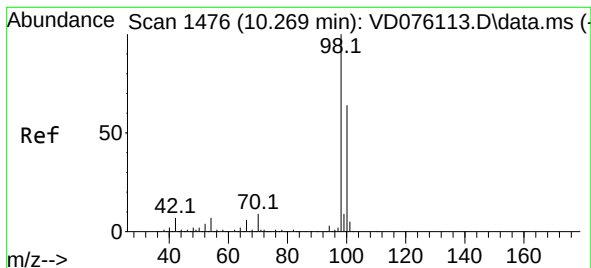
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 18.3 15.2 22.8

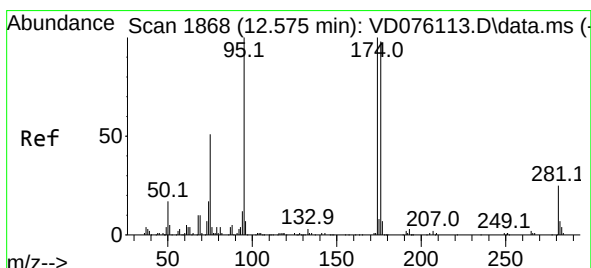
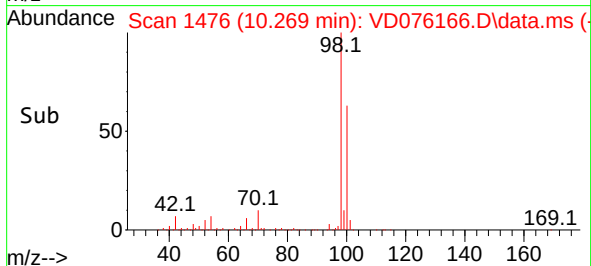
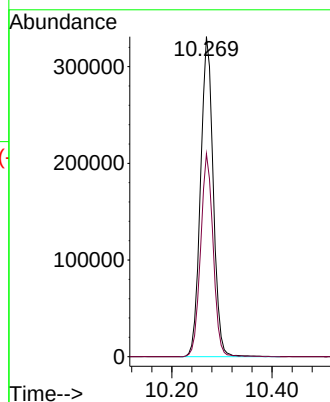
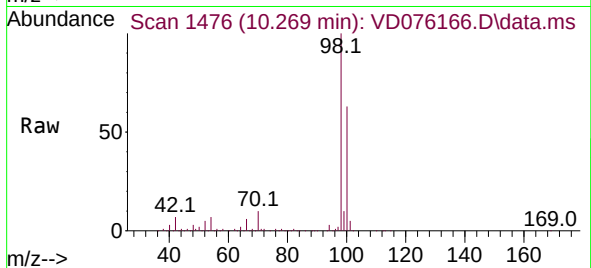




#50
Toluene-d8
Concen: 42.234 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

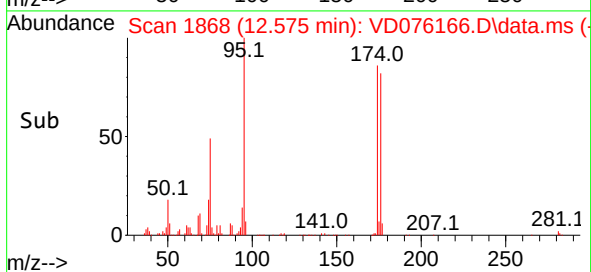
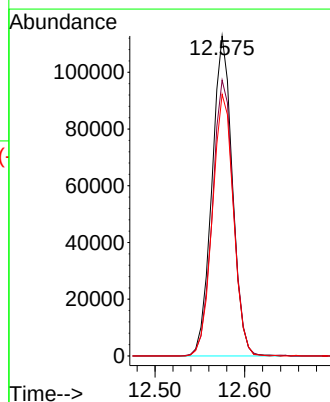
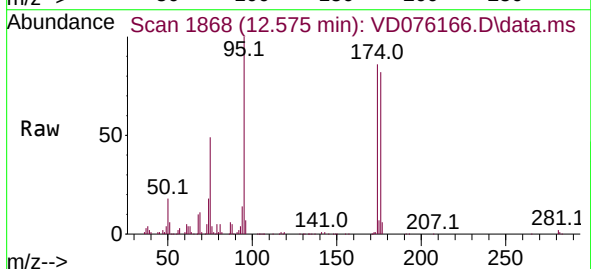
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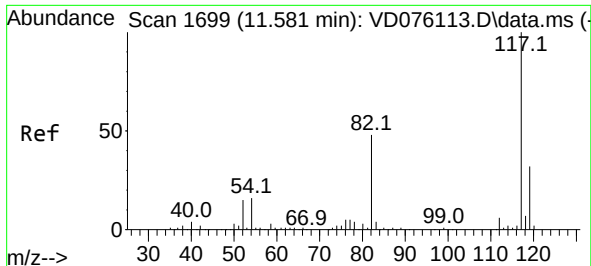
Tgt Ion: 98 Resp: 580419
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

Tgt Ion: 95 Resp: 178076
Ion Ratio Lower Upper
95 100
174 88.5 0.0 164.0
176 84.2 0.0 156.8

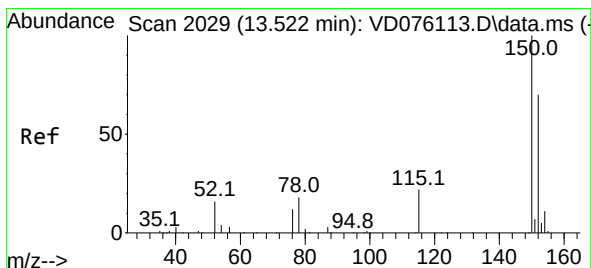
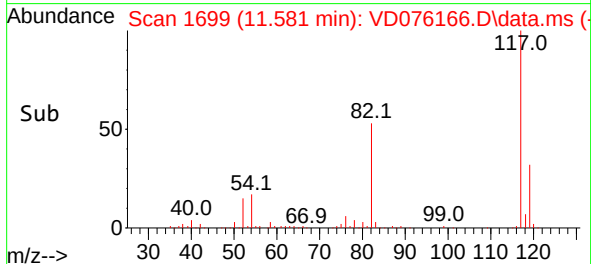
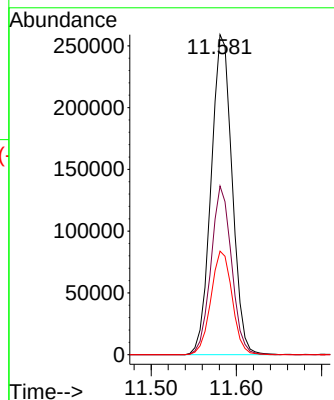
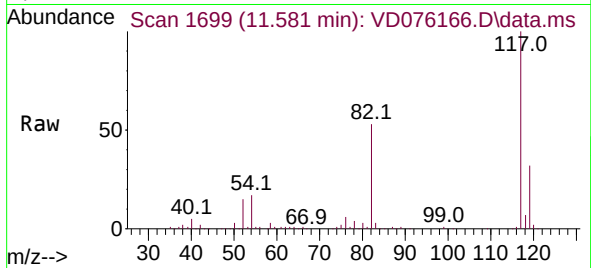




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

Instrument :
MSVOA_D
ClientSampleId :
TP11

Tgt Ion:117 Resp: 443512
Ion Ratio Lower Upper
117 100
82 52.7 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076166.D
Acq: 19 May 2023 20:09

Tgt Ion:152 Resp: 169054
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 156.1 0.0 364.8

