

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076542.D
 Acq On : 22 Jun 2023 16:43
 Operator : KP/SY
 Sample : 03366-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB37

Quant Time: Jun 23 06:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

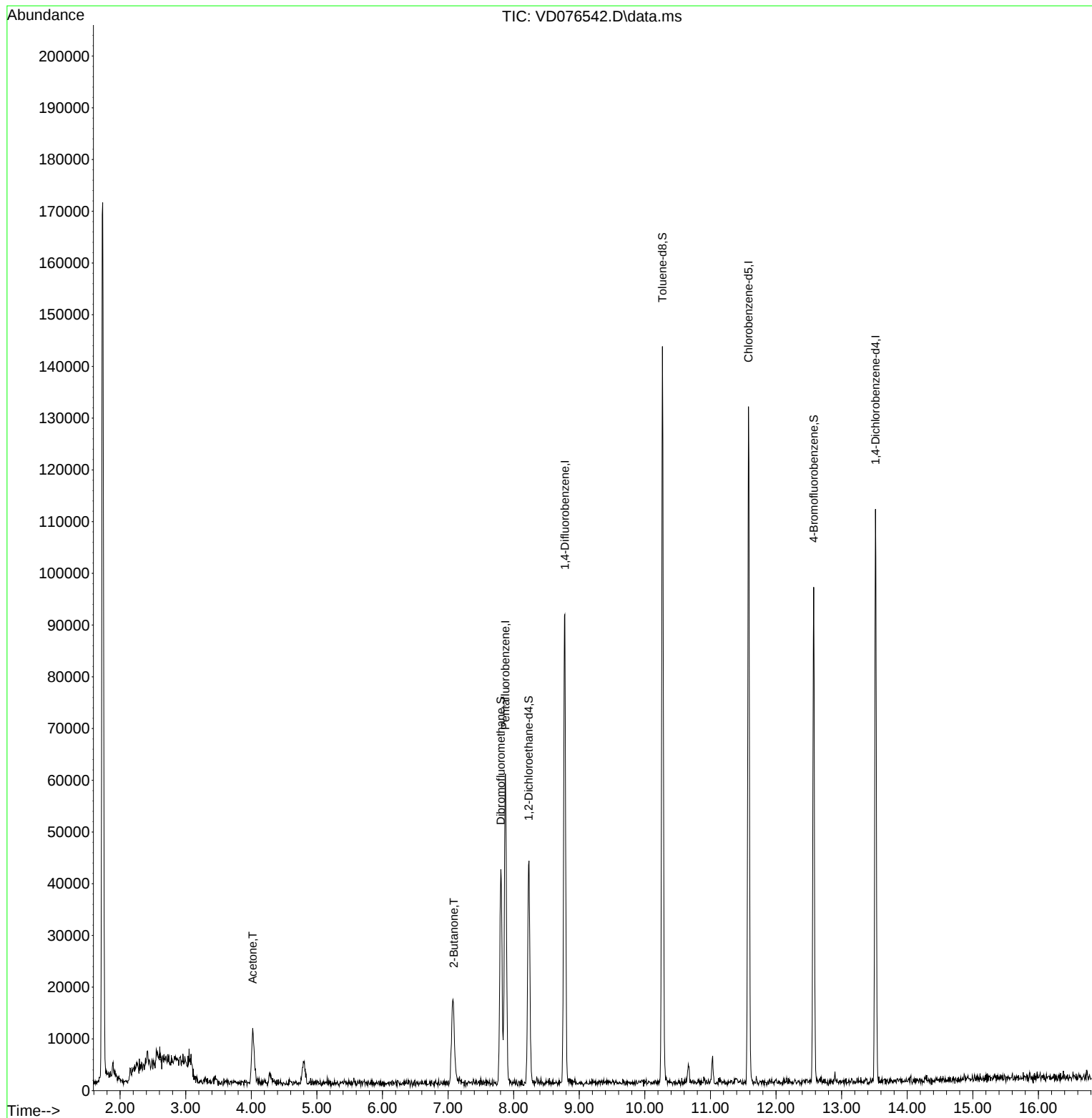
Internal Standards						
1) Pentafluorobenzene	7.875	168	47695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	78277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	72208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	29628	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33545	70.198	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.400%	
35) Dibromofluoromethane	7.805	113	29920	64.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.680%	
50) Toluene-d8	10.269	98	92709	52.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.140%	
62) 4-Bromofluorobenzene	12.575	95	27331	47.752	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.500%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	18671	164.194	ug/l	93
25) 2-Butanone	7.087	43	6878	39.106	ug/l #	75

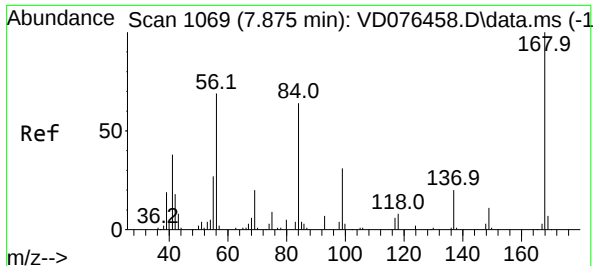
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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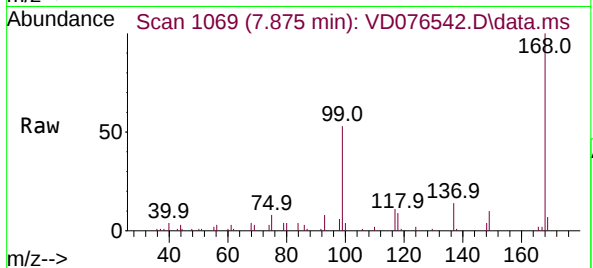
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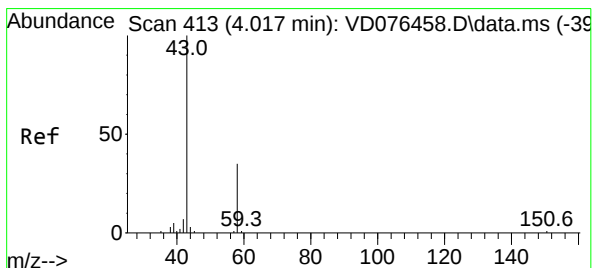
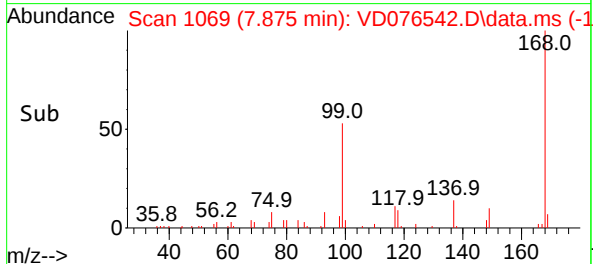
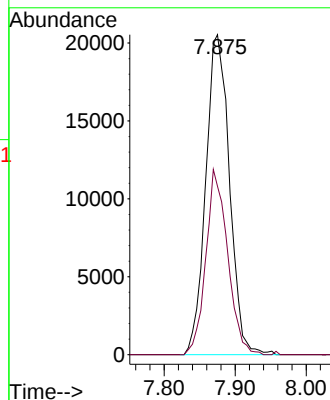


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

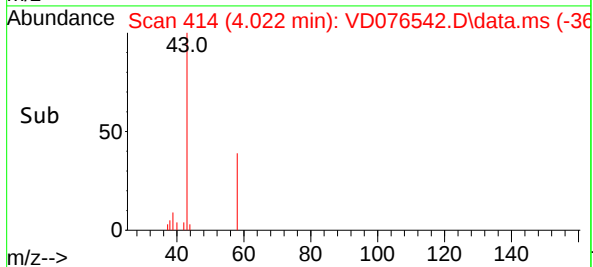
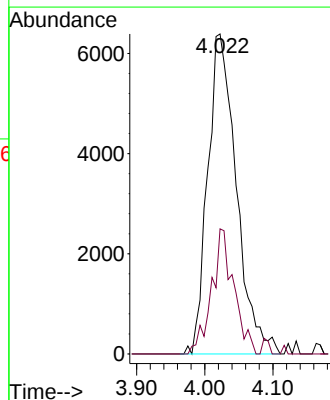
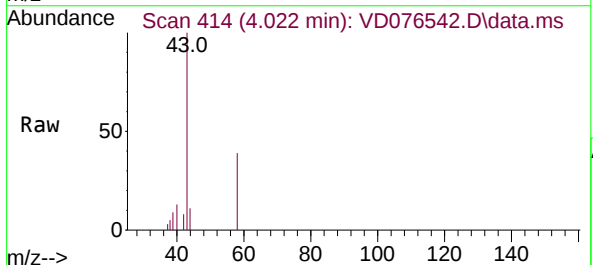


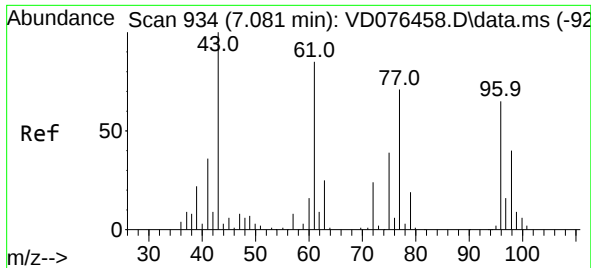
Tgt Ion:168 Resp: 47695
Ion Ratio Lower Upper
168 100
99 52.7 36.7 55.1



#16
Acetone
Concen: 164.194 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 43 Resp: 18671
Ion Ratio Lower Upper
43 100
58 39.1 34.7 52.1

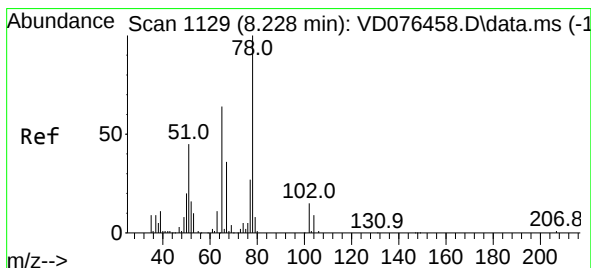
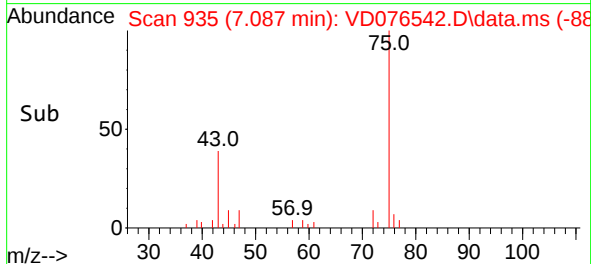
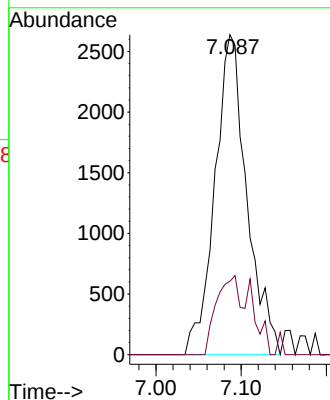
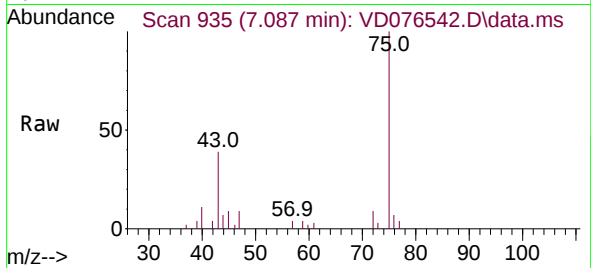




#25
2-Butanone
Concen: 39.106 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

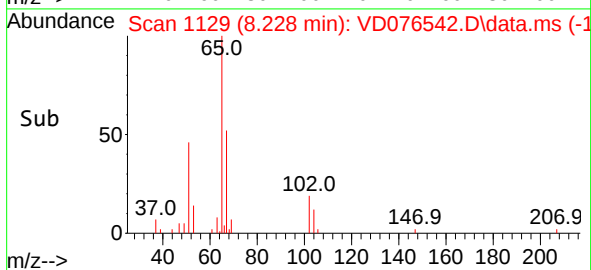
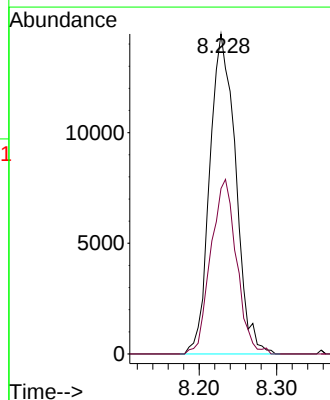
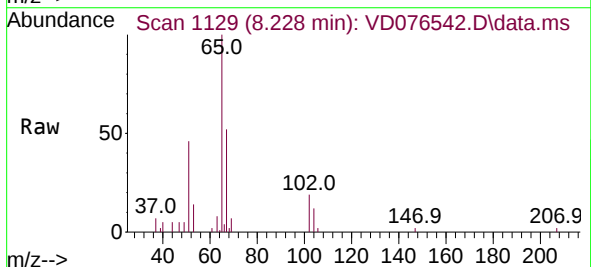
Instrument :
MSVOA_D
ClientSampleId :
SB37

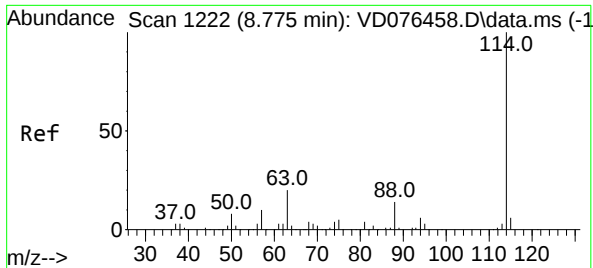
Tgt Ion: 43 Resp: 6878
Ion Ratio Lower Upper
43 100
72 23.0 30.7 46.1#



#33
1,2-Dichloroethane-d4
Concen: 70.198 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 65 Resp: 33545
Ion Ratio Lower Upper
65 100
67 54.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076542.D

Acq: 22 Jun 2023 16:43

Instrument :

MSVOA_D

ClientSampleId :

SB37

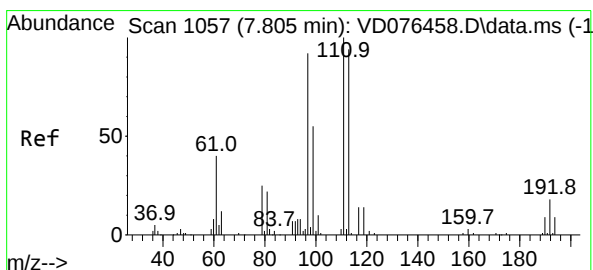
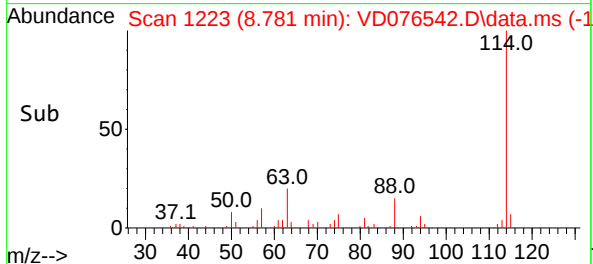
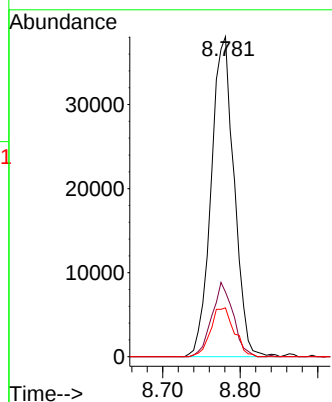
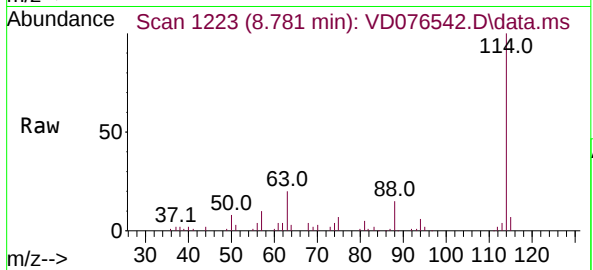
Tgt Ion:114 Resp: 78277

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 15.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 64.342 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076542.D

Acq: 22 Jun 2023 16:43

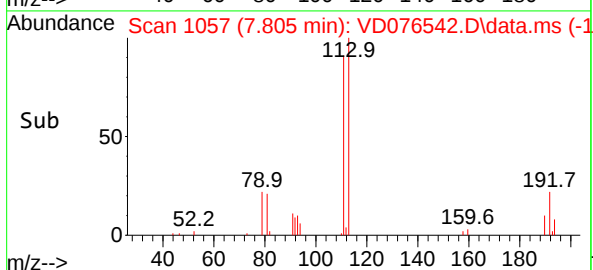
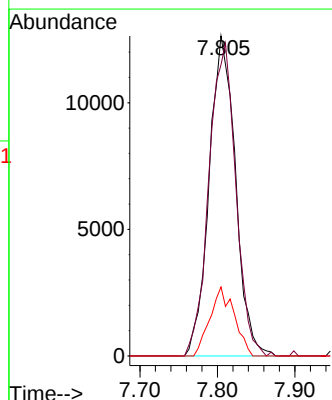
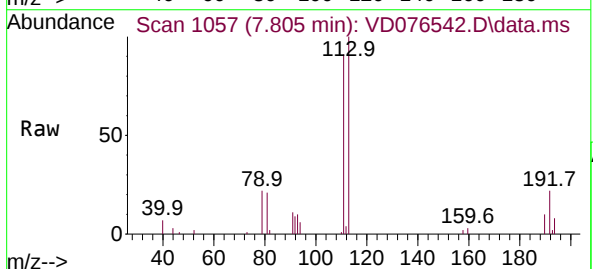
Tgt Ion:113 Resp: 29920

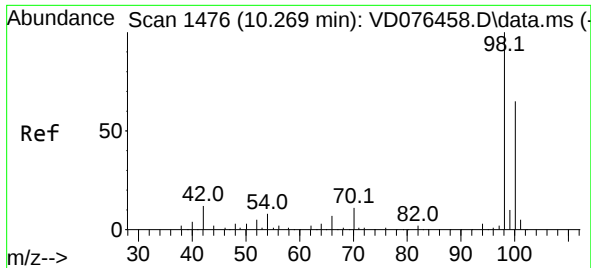
Ion Ratio Lower Upper

113 100

111 99.3 84.7 127.1

192 19.8 16.8 25.2

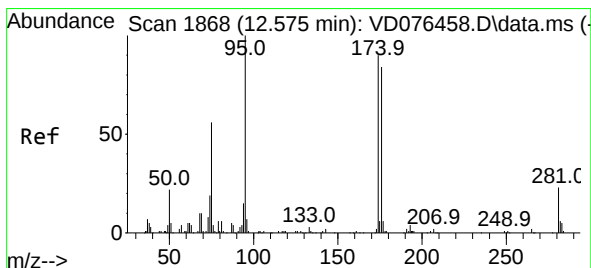
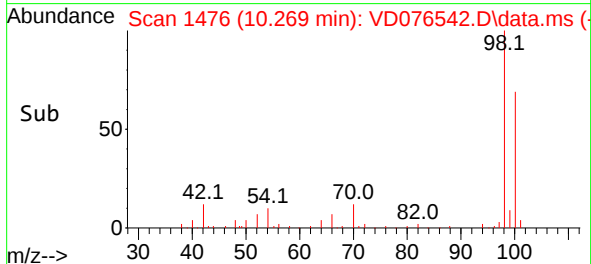
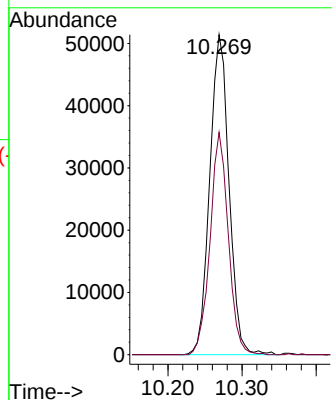
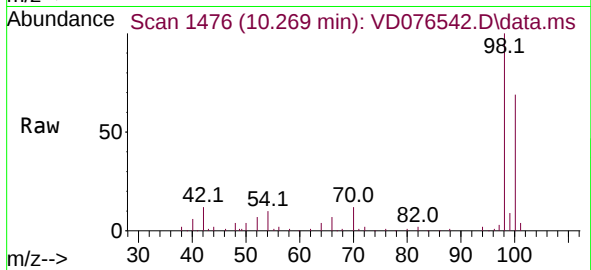




#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

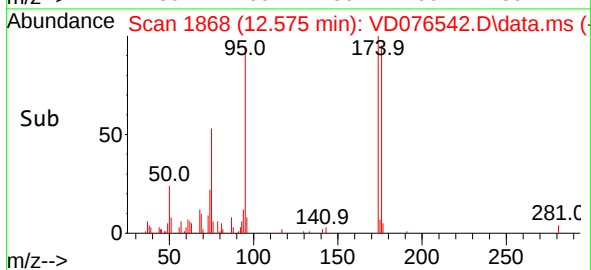
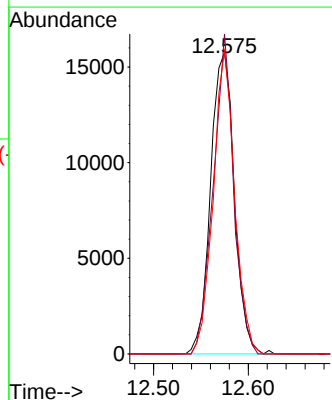
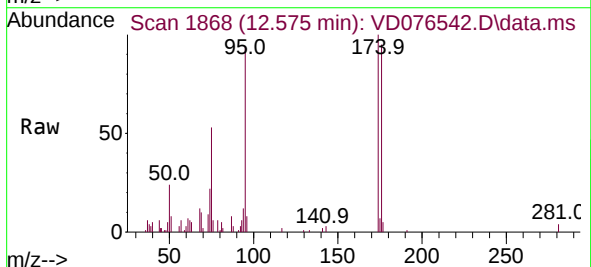
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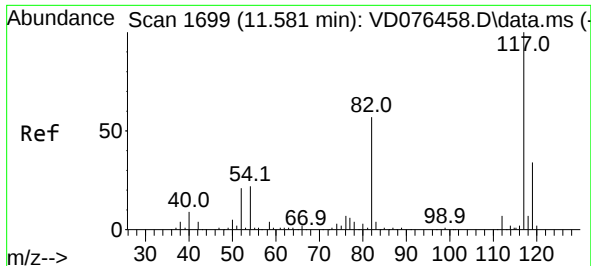
Tgt Ion: 98 Resp: 92709
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.752 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion: 95 Resp: 27331
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 91.5 0.0 191.8

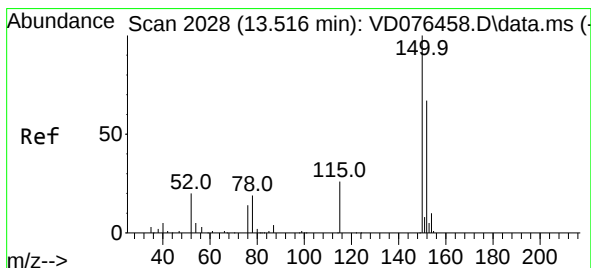
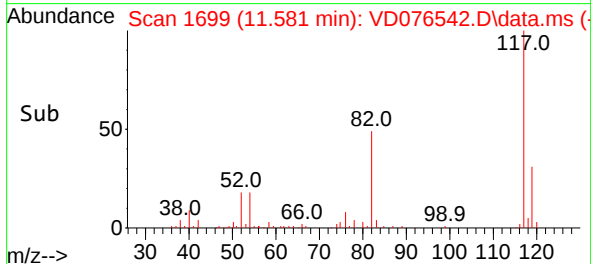
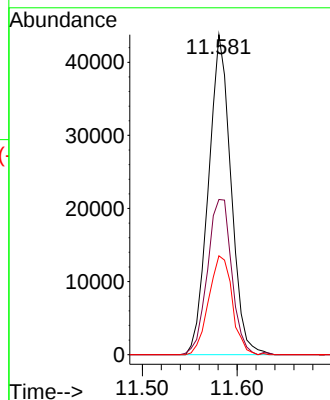
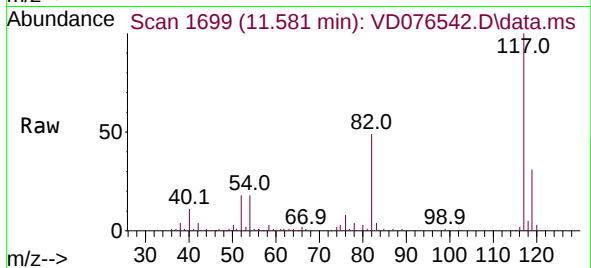




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB37

Tgt Ion:117 Resp: 72208
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076542.D
Acq: 22 Jun 2023 16:43

Tgt Ion:152 Resp: 29628
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.3
150 149.1 0.0 353.6

