

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076246.D
 Acq On : 25 May 2023 21:38
 Operator : KP/SY
 Sample : 02919-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPACTED-STONE

Quant Time: May 26 02:01:38 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)

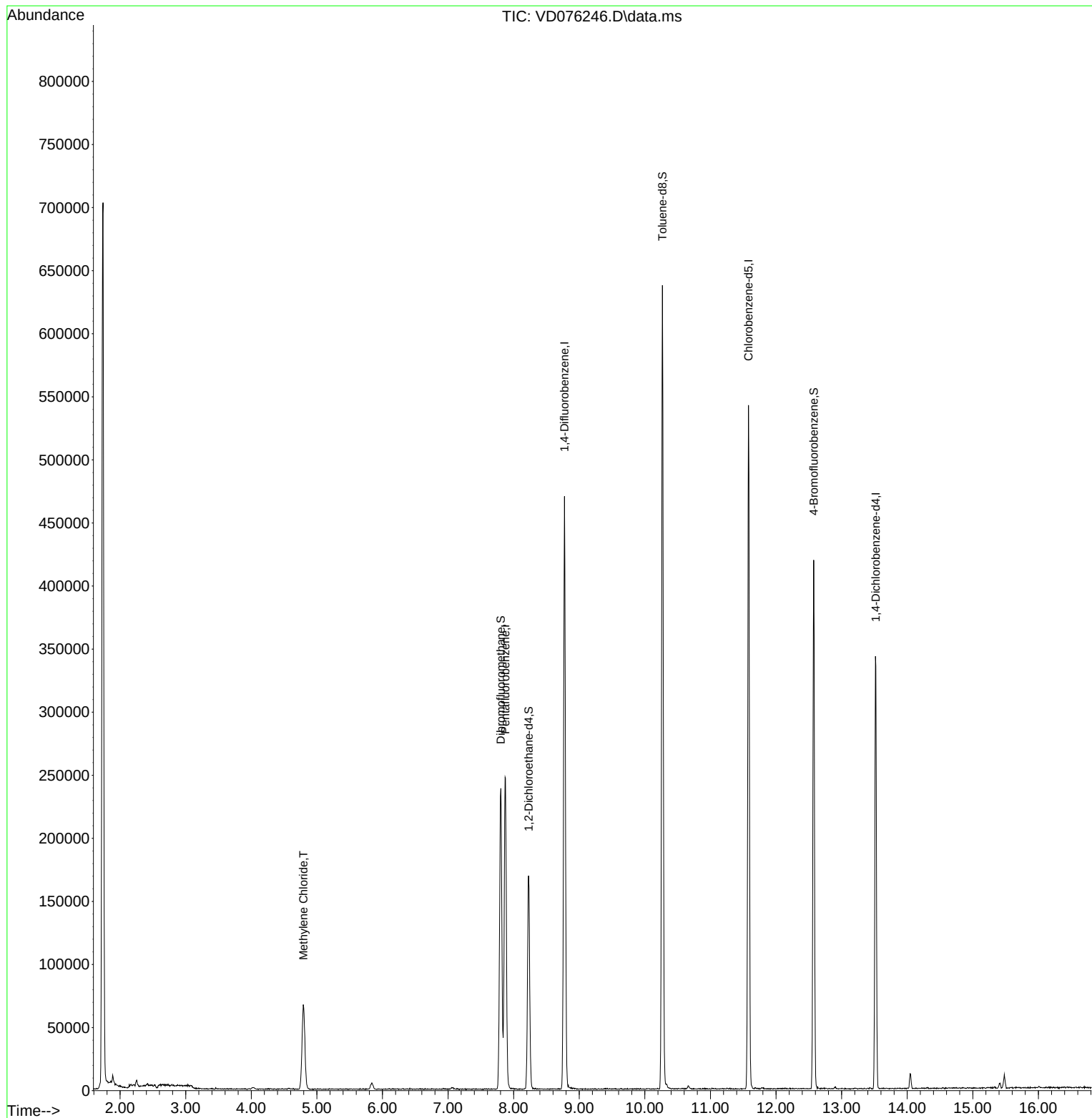
Internal Standards						
1) Pentafluorobenzene	7.875	168	207557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	437809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	129848	64.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.460%	
35) Dibromofluoromethane	7.805	113	177153	58.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.080%	
50) Toluene-d8	10.269	98	457847	38.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.620%	
62) 4-Bromofluorobenzene	12.575	95	127659	38.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.920%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	58163	11.265	ug/l #	77

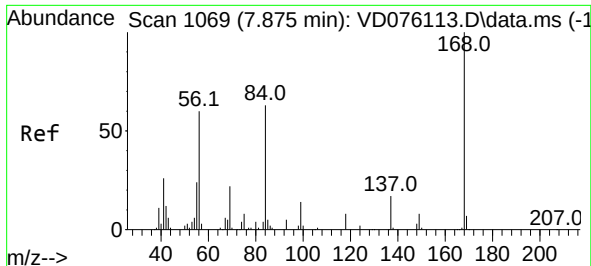
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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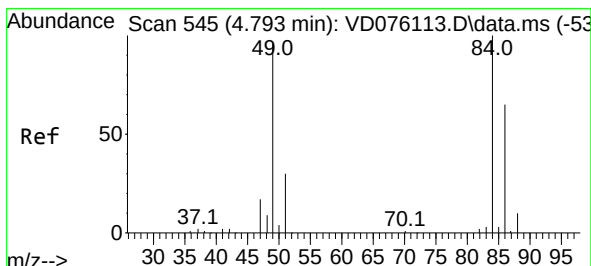
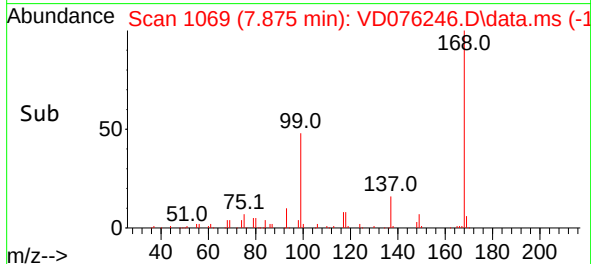
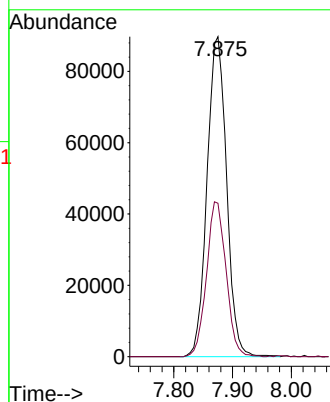
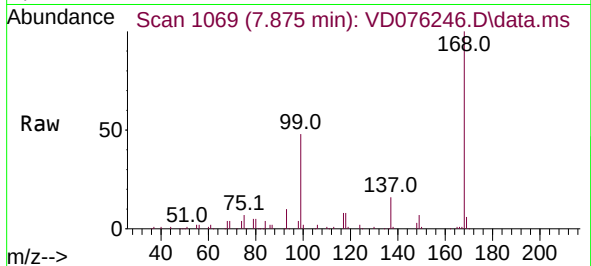




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

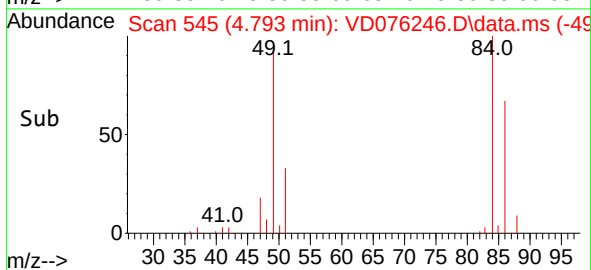
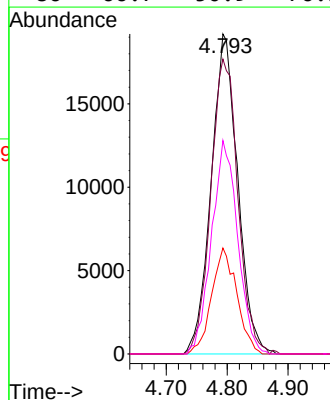
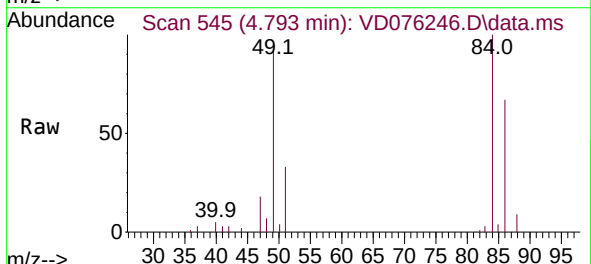
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

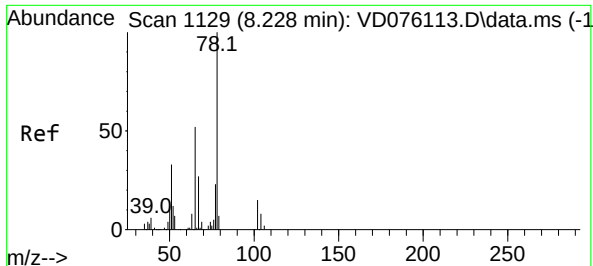
Tgt Ion:168 Resp: 207557
Ion Ratio Lower Upper
168 100
99 47.9 43.8 65.6



#20
Methylene Chloride
Concen: 11.265 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 84 Resp: 58163
Ion Ratio Lower Upper
84 100
49 92.2 106.4 159.6#
51 33.1 32.4 48.6
86 66.7 50.9 76.3

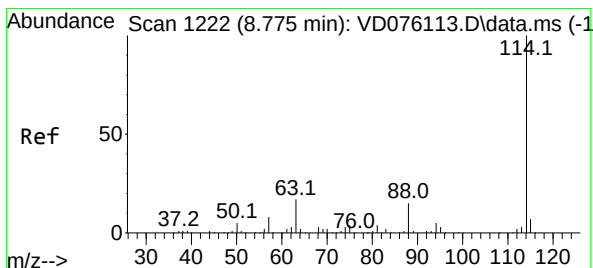
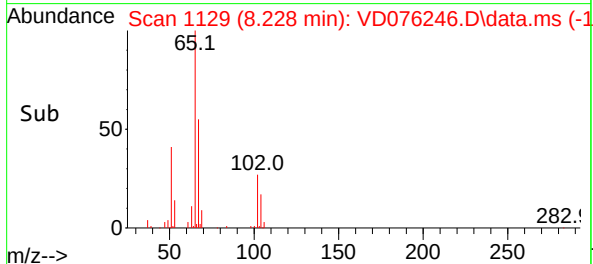
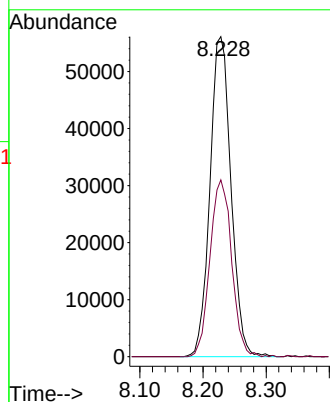
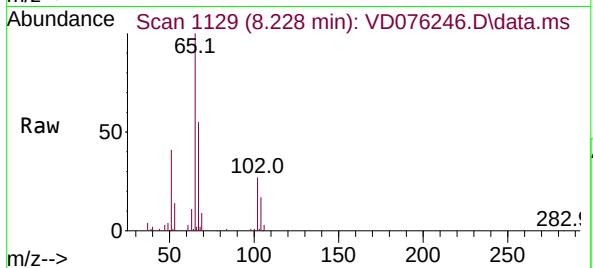




#33
 1,2-Dichloroethane-d4
 Concen: 64.730 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD076246.D
 Acq: 25 May 2023 21:38

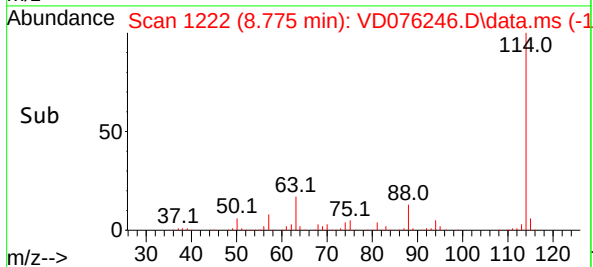
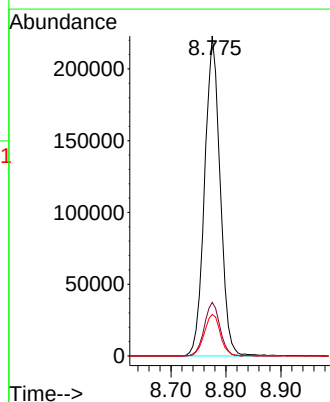
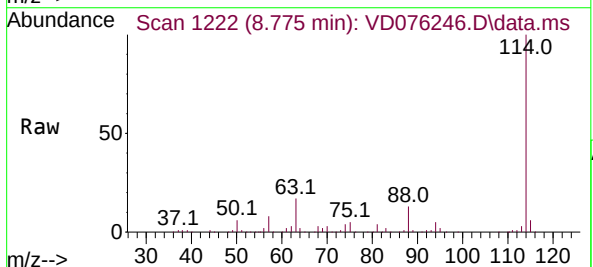
Instrument :
 MSVOA_D
 ClientSampleId :
 IMPACTED-STONE

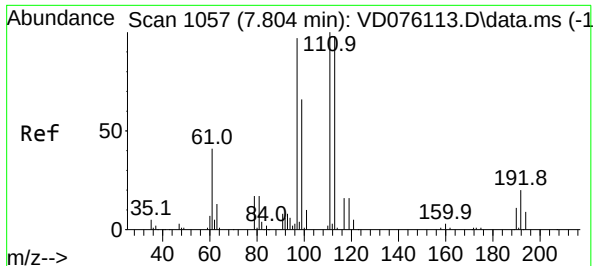
Tgt Ion: 65 Resp: 129848
 Ion Ratio Lower Upper
 65 100
 67 56.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD076246.D
 Acq: 25 May 2023 21:38

Tgt Ion: 114 Resp: 437809
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 41.6
 88 13.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 58.539 ug/l

RT: 7.805 min Scan# 110

Delta R.T. -0.000 min

Lab File: VD076246.D

Acq: 25 May 2023 21:38

Instrument :

MSVOA_D

ClientSampleId :

IMPACTED-STONE

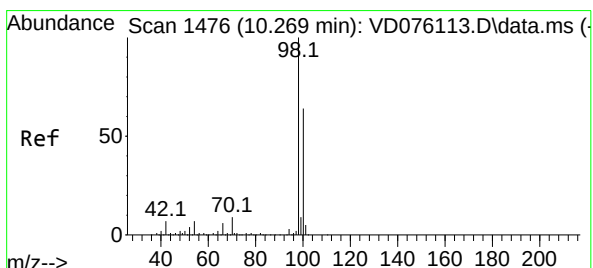
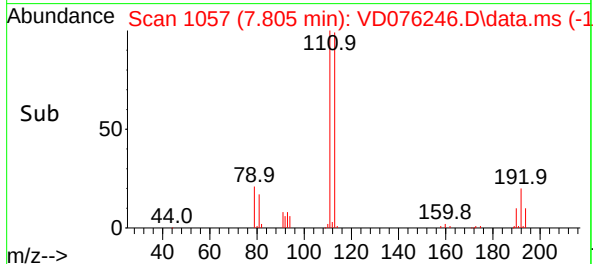
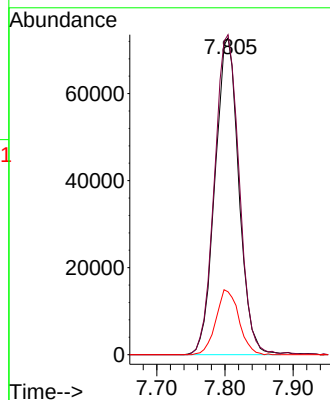
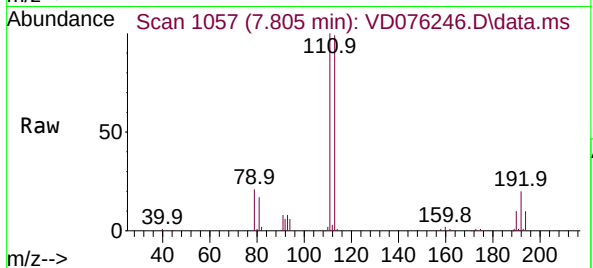
Tgt Ion:113 Resp: 177153

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

192 19.7 15.2 22.8



#50

Toluene-d8

Concen: 38.811 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076246.D

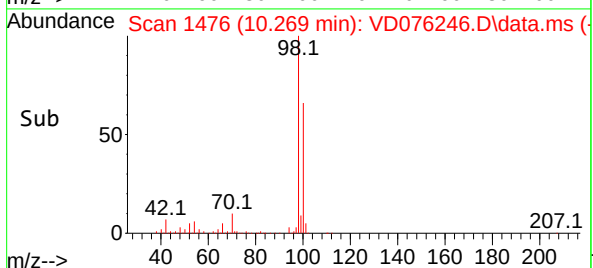
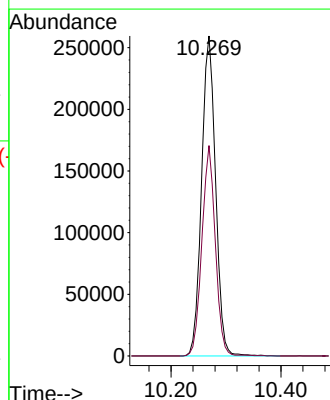
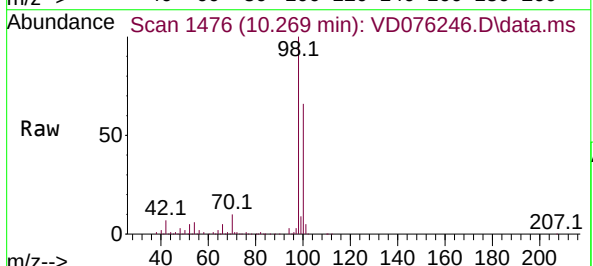
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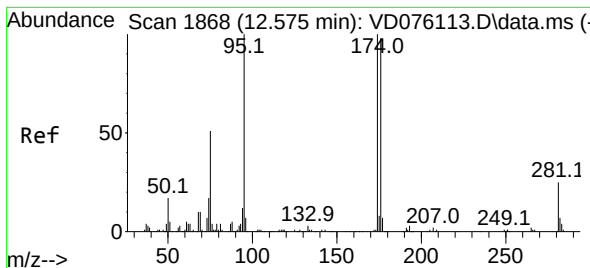
Tgt Ion: 98 Resp: 457847

Ion Ratio Lower Upper

98 100

100 63.3 52.1 78.1

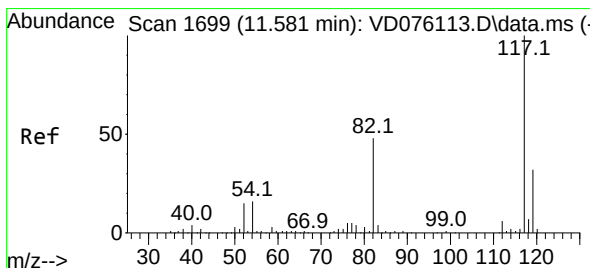
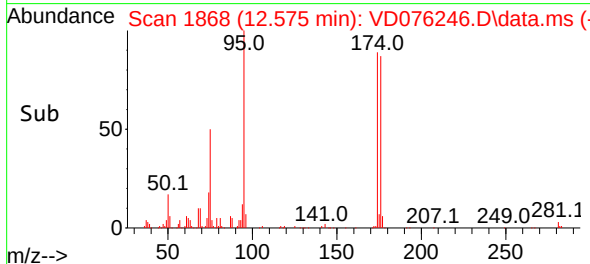
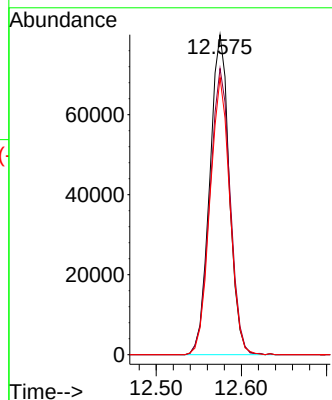
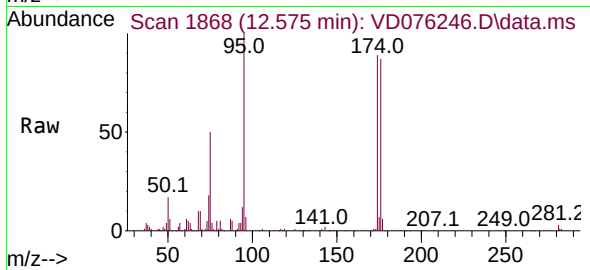




#62
4-Bromofluorobenzene
Concen: 38.956 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

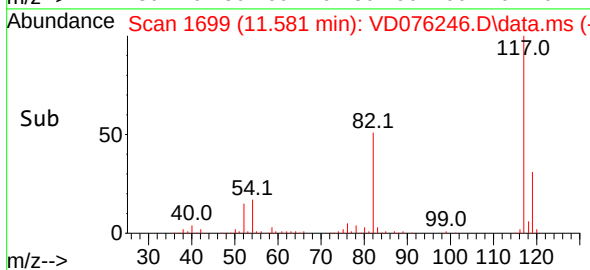
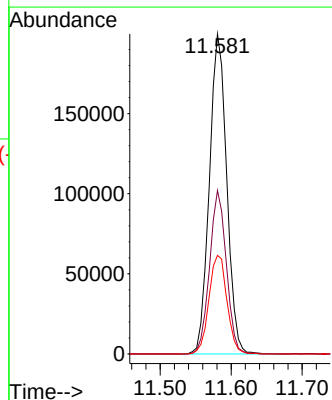
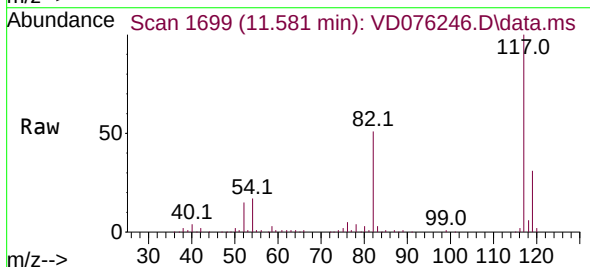
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IMPACTED-STONE

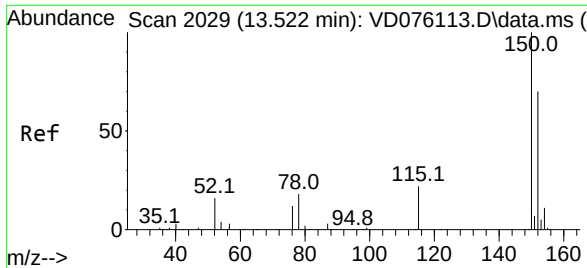
Tgt Ion: 95 Resp: 127659
Ion Ratio Lower Upper
95 100
174 93.0 0.0 164.0
176 87.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

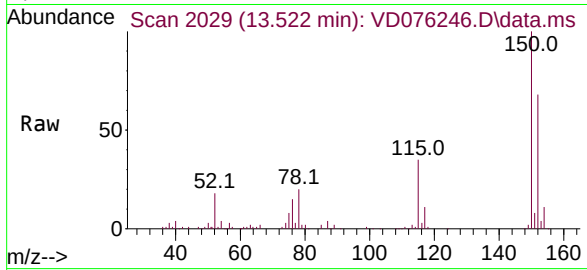
Tgt Ion: 117 Resp: 339088
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 30.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076246.D
 Acq: 25 May 2023 21:38

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPACTED-STONE



Tgt Ion:152 Resp: 100803
 Ion Ratio Lower Upper
 152 100
 115 52.5 30.1 90.3
 150 157.2 0.0 364.8

