

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075736.D
 Acq On : 18 Apr 2023 19:41
 Operator : KP/SY
 Sample : 02369-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-041423RE

Quant Time: Apr 19 01:25:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

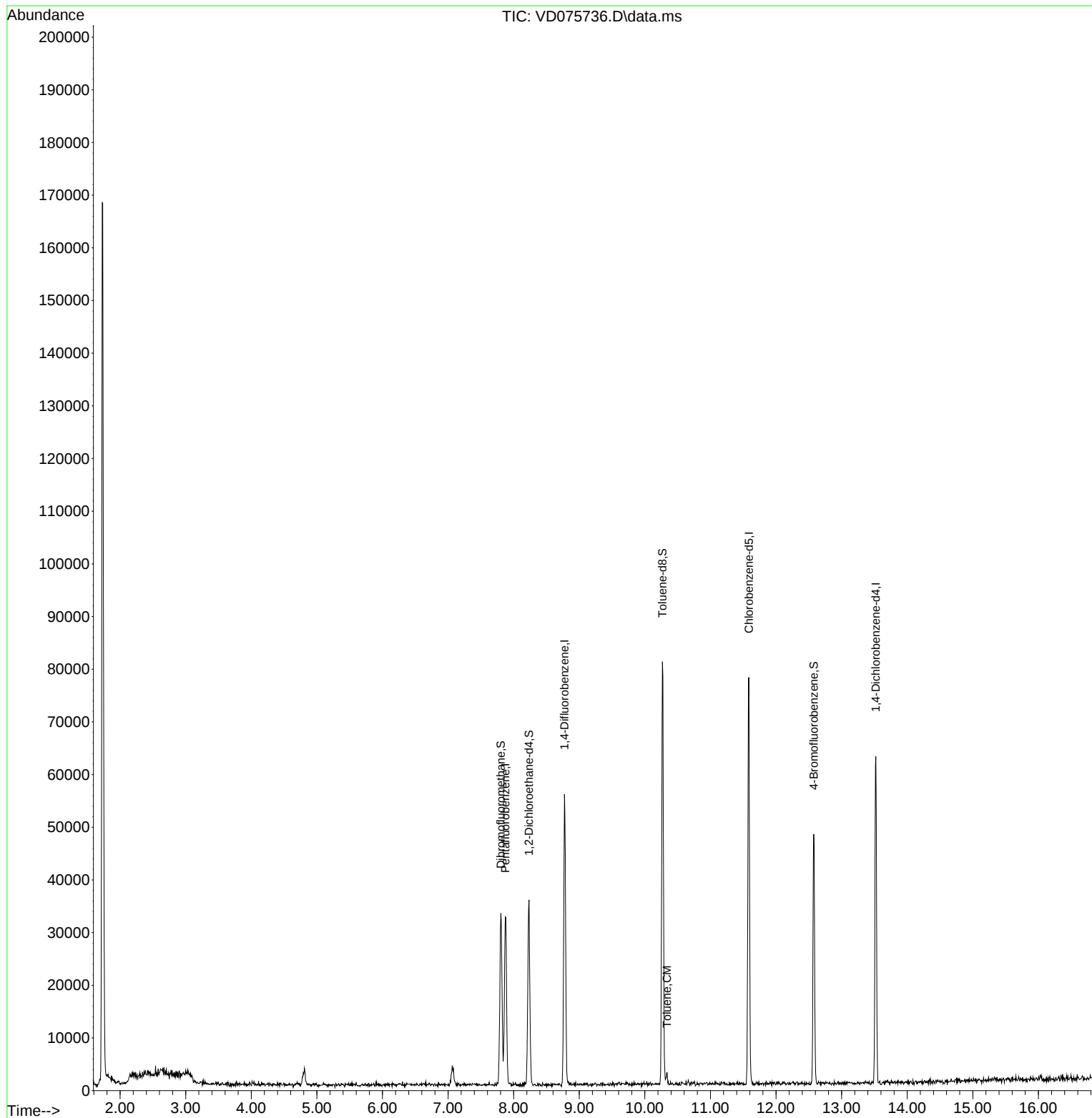
Internal Standards						
1) Pentafluorobenzene	7.875	168	27449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	54452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	51803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25942	99.569	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.140%#	
35) Dibromofluoromethane	7.804	113	24143	65.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.840%	
50) Toluene-d8	10.269	98	62387	42.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.080%	
62) 4-Bromofluorobenzene	12.575	95	16051	41.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.340%	
Target Compounds						
52) Toluene	10.339	92	1047	1.002	ug/l	Qvalue 89

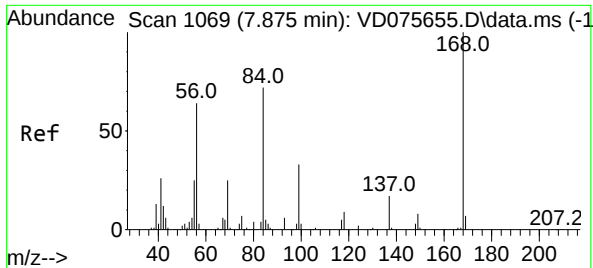
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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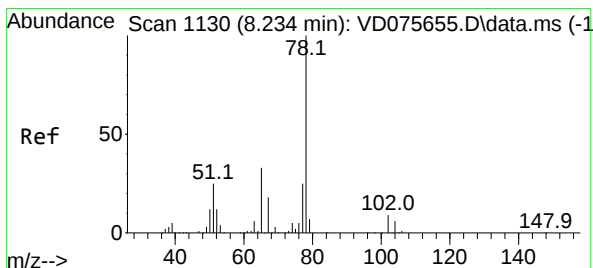
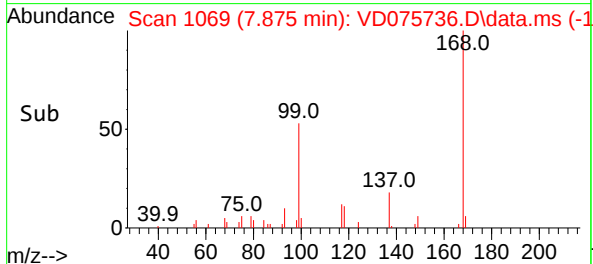
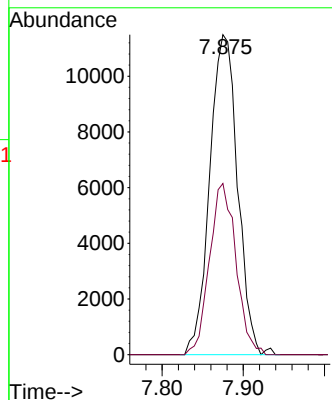
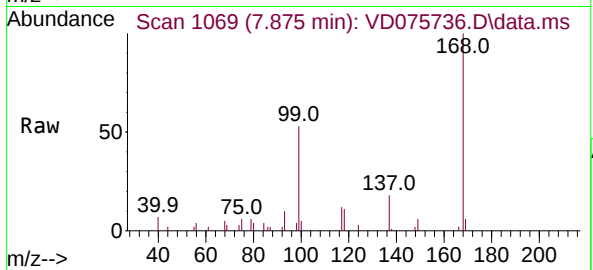




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

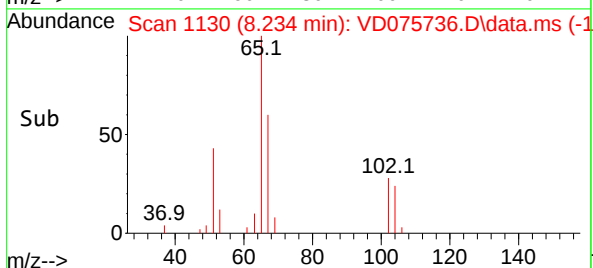
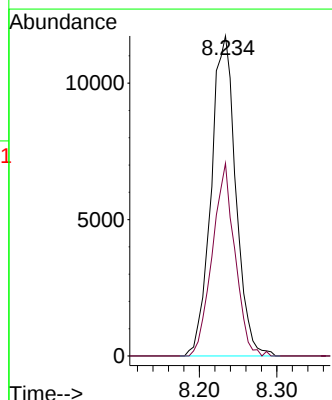
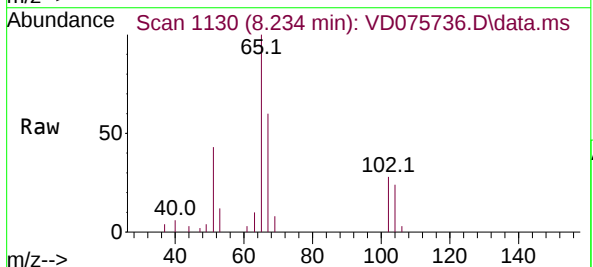
Instrument :
MSVOA_D
ClientSampleId :
SU-04-041423RE

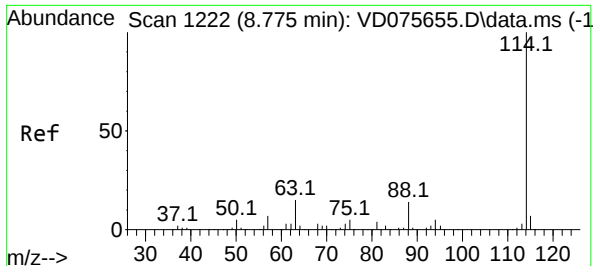
Tgt Ion:168 Resp: 27449
Ion Ratio Lower Upper
168 100
99 53.5 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 99.569 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

Tgt Ion: 65 Resp: 25942
Ion Ratio Lower Upper
65 100
67 55.1 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: VD075736.D

Acq: 18 Apr 2023 19:41

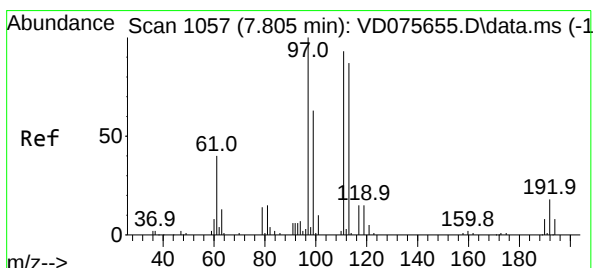
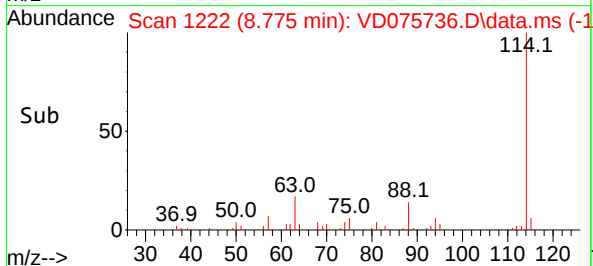
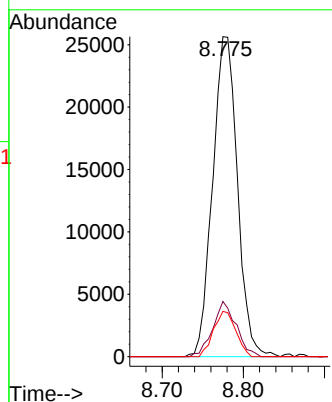
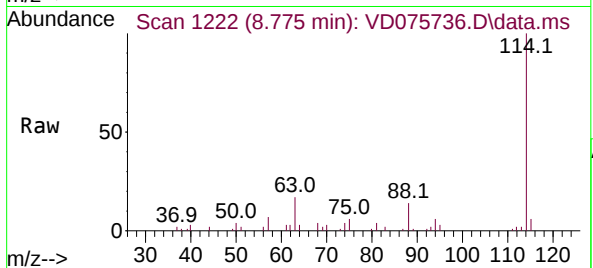
Instrument :

MSVOA_D

ClientSampleId :

SU-04-041423RE

Tgt Ion:114	Resp:	54452
Ion Ratio	Lower	Upper
114	100	
63	17.2	0.0 41.6
88	14.1	0.0 30.6



#35

Dibromofluoromethane

Concen: 65.921 ug/l

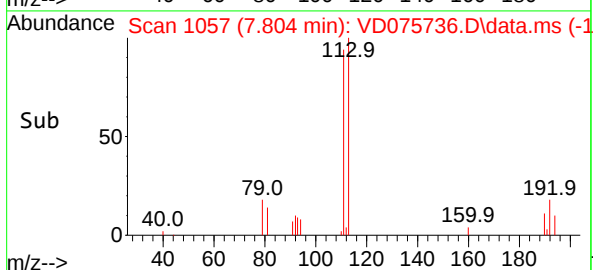
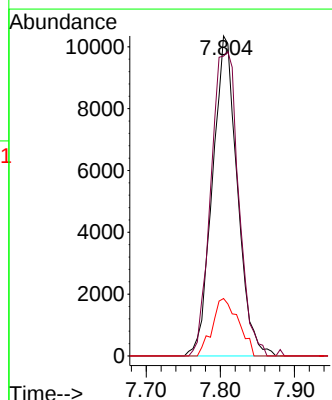
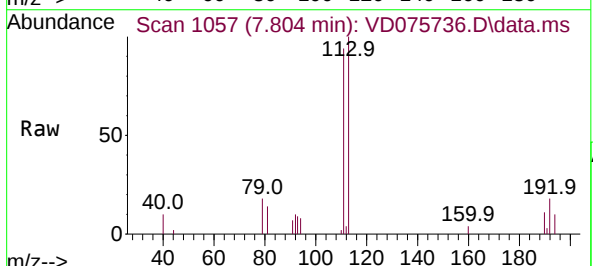
RT: 7.804 min Scan# 1057

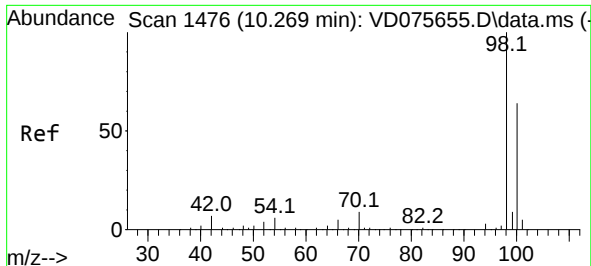
Delta R.T. -0.001 min

Lab File: VD075736.D

Acq: 18 Apr 2023 19:41

Tgt Ion:113	Resp:	24143
Ion Ratio	Lower	Upper
113	100	
111	105.7	81.4 122.0
192	18.8	15.2 22.8





#50

Toluene-d8

Concen: 42.537 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075736.D

Acq: 18 Apr 2023 19:41

Instrument :

MSVOA_D

ClientSampleId :

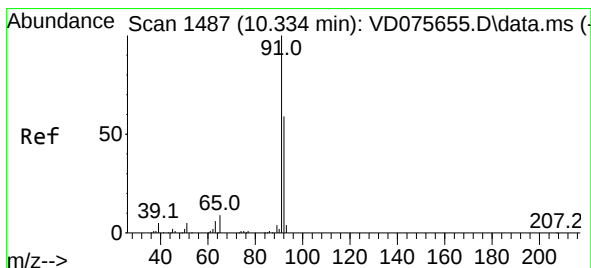
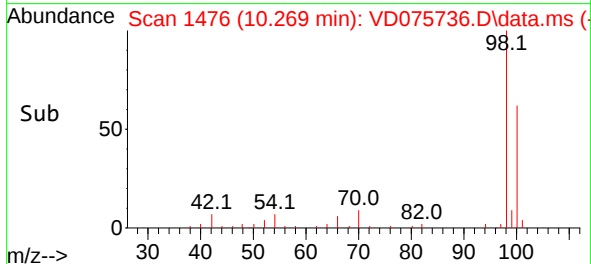
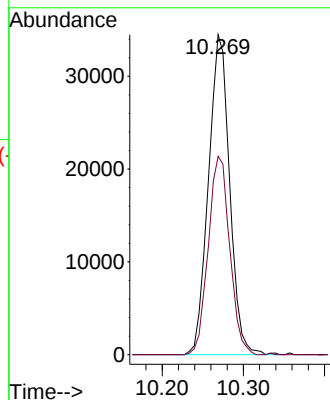
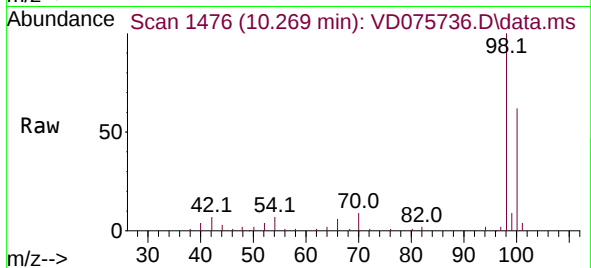
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Tgt Ion: 98 Resp: 62387

Ion Ratio Lower Upper

98 100

100 62.8 52.1 78.1



#52

Toluene

Concen: 1.002 ug/l

RT: 10.339 min Scan# 1488

Delta R.T. 0.005 min

Lab File: VD075736.D

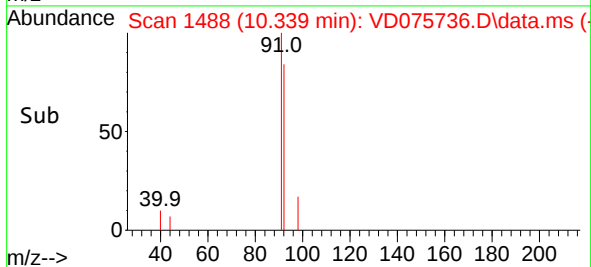
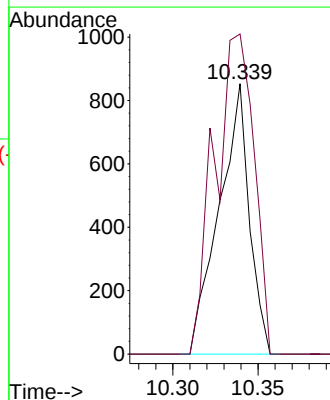
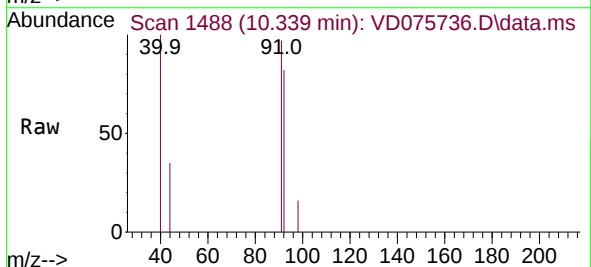
Acq: 18 Apr 2023 19:41

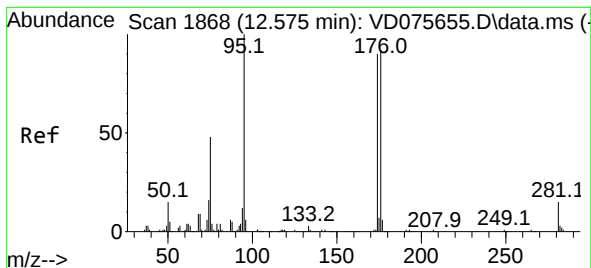
Tgt Ion: 92 Resp: 1047

Ion Ratio Lower Upper

92 100

91 155.0 136.5 204.7

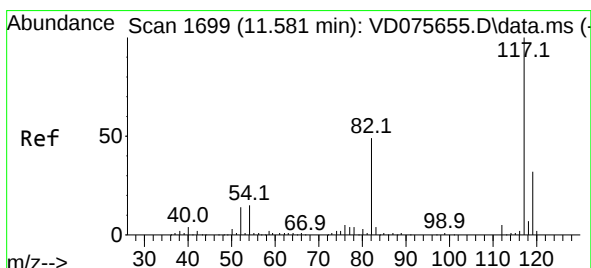
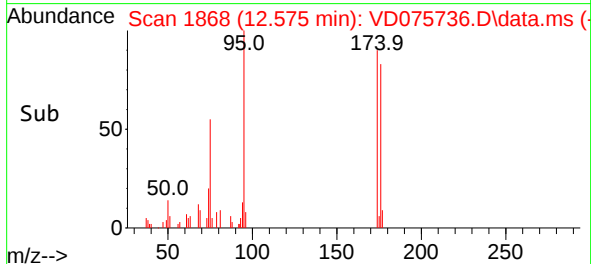
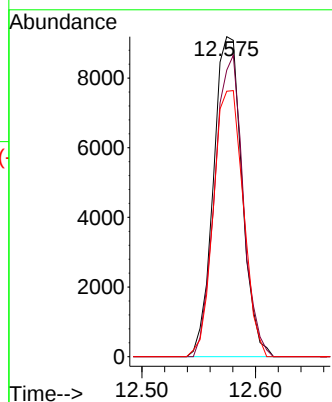
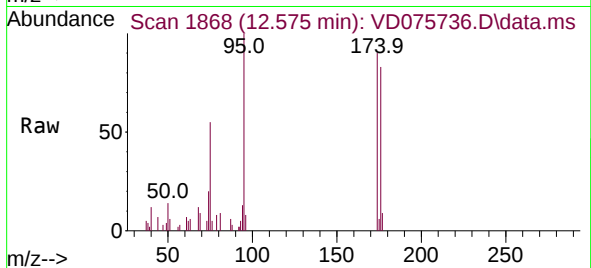




#62
4-Bromofluorobenzene
Concen: 41.174 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

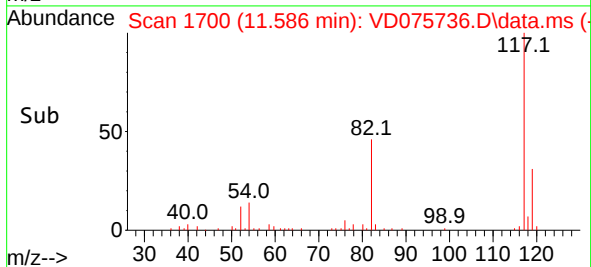
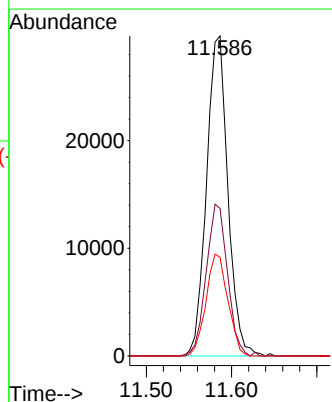
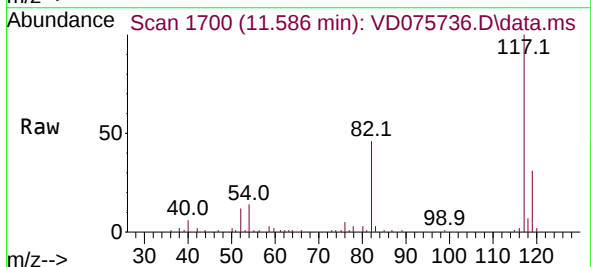
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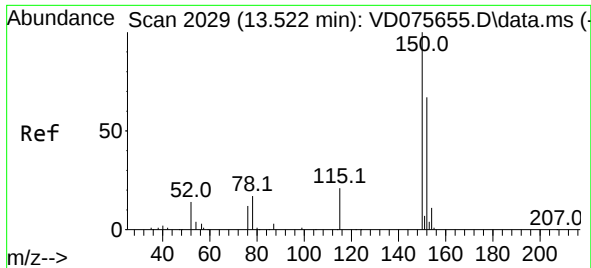
Tgt Ion: 95 Resp: 16051
Ion Ratio Lower Upper
95 100
174 92.8 0.0 164.0
176 86.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 1700
Delta R.T. 0.005 min
Lab File: VD075736.D
Acq: 18 Apr 2023 19:41

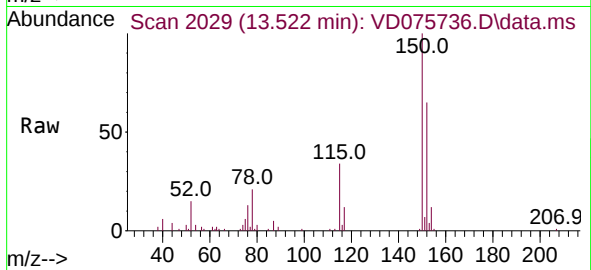
Tgt Ion: 117 Resp: 51803
Ion Ratio Lower Upper
117 100
82 46.1 44.0 66.0
119 30.8 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075736.D
 Acq: 18 Apr 2023 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-041423RE



Tgt Ion:	152	Resp:	18988
Ion Ratio	Lower	Upper	
152	100		
115	56.0	30.1	90.3
150	160.1	0.0	364.8

