

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074805.D
 Acq On : 08 Nov 2022 15:35
 Operator : VA/SY
 Sample : N5415-11RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-24RE

Quant Time: Nov 08 16:31:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

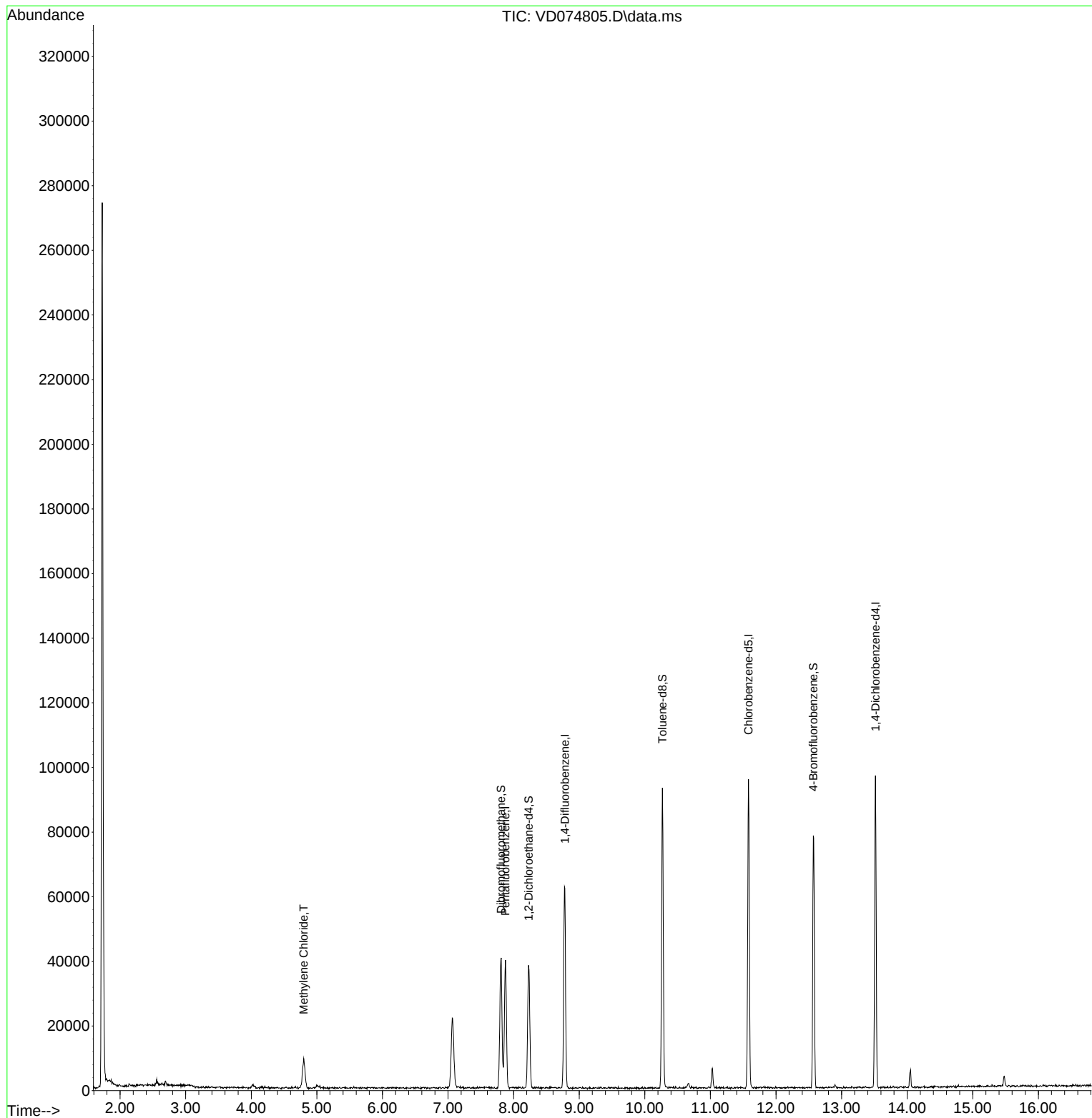
Internal Standards						
1) Pentafluorobenzene	7.875	168	32268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	60006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	60917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	28150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31365	122.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 245.460%#	
35) Dibromofluoromethane	7.810	113	29310	82.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 165.140%#	
50) Toluene-d8	10.269	98	67731	52.310	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.620%	
62) 4-Bromofluorobenzene	12.569	95	23956	64.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.160%	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	7897	8.034	ug/l	94

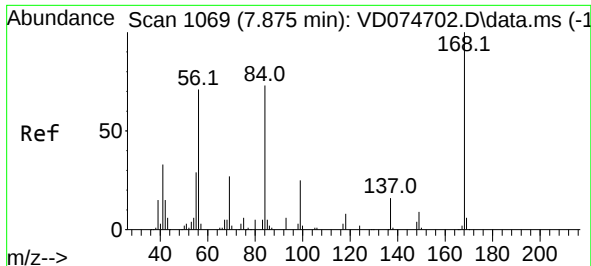
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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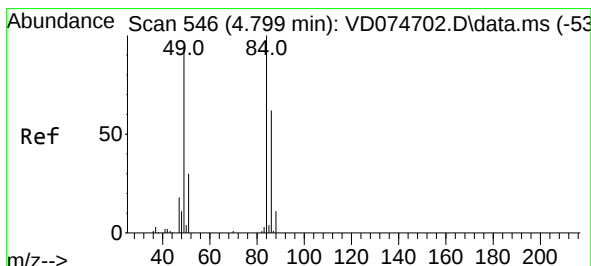
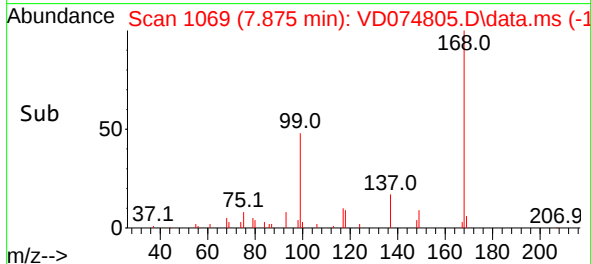
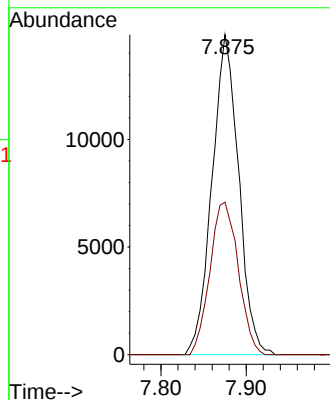
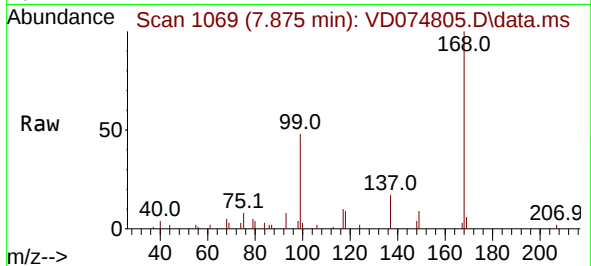




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

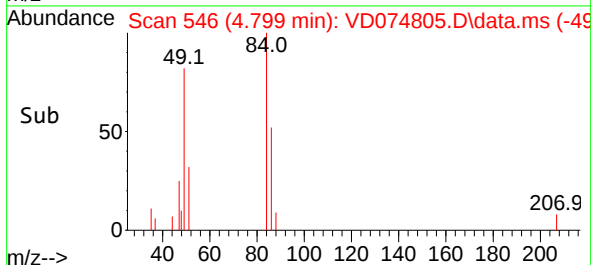
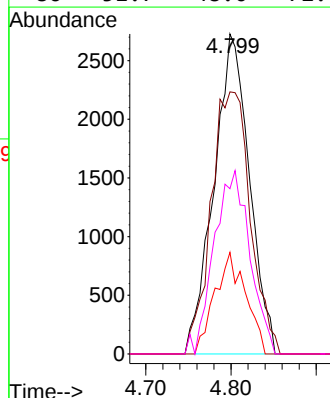
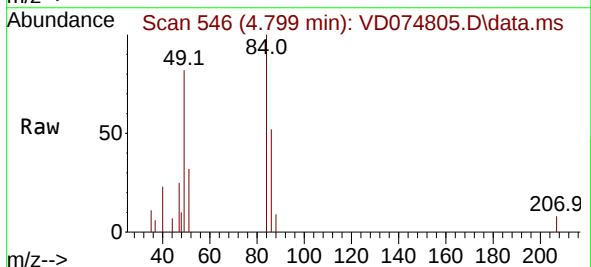
Instrument :
MSVOA_D
ClientSampleId :
R-24RE

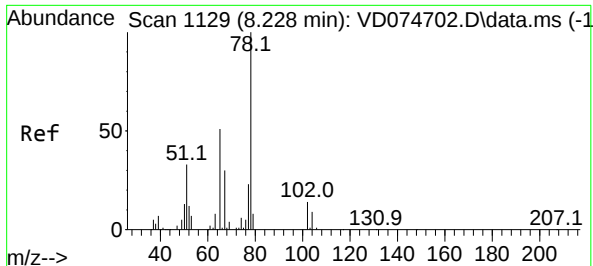
Tgt Ion:168 Resp: 32268
Ion Ratio Lower Upper
168 100
99 47.7 40.9 61.3



#20
Methylene Chloride
Concen: 8.034 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

Tgt Ion: 84 Resp: 7897
Ion Ratio Lower Upper
84 100
49 81.9 68.0 102.0
51 31.8 23.2 34.8
86 51.7 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 122.726 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074805.D

Acq: 08 Nov 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

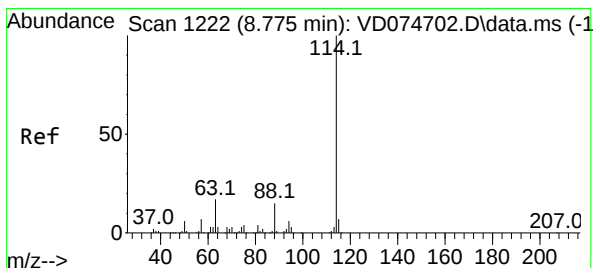
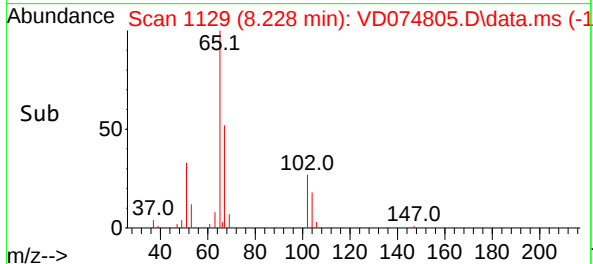
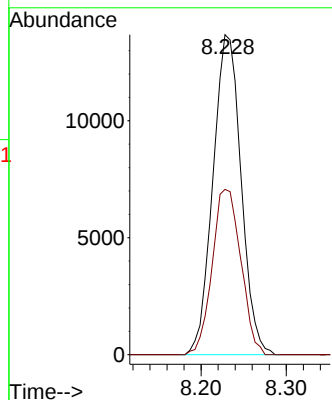
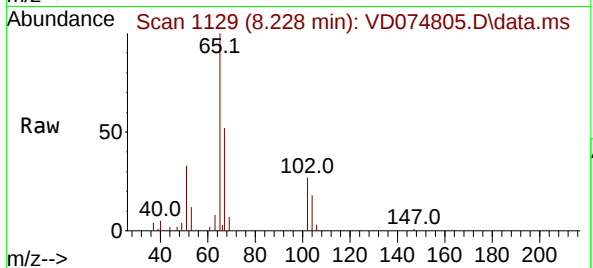
R-24RE

Tgt Ion: 65 Resp: 31365

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074805.D

Acq: 08 Nov 2022 15:35

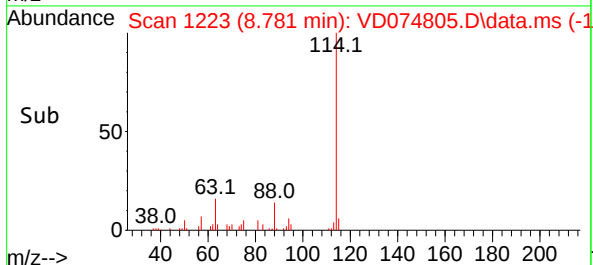
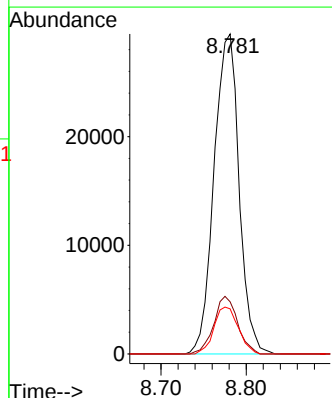
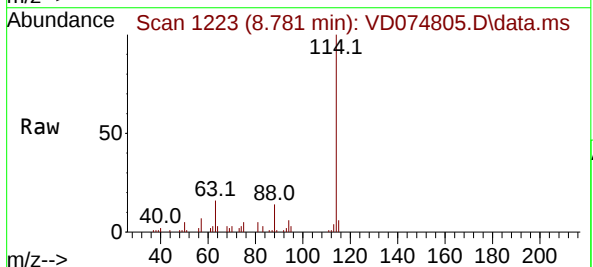
Tgt Ion: 114 Resp: 60006

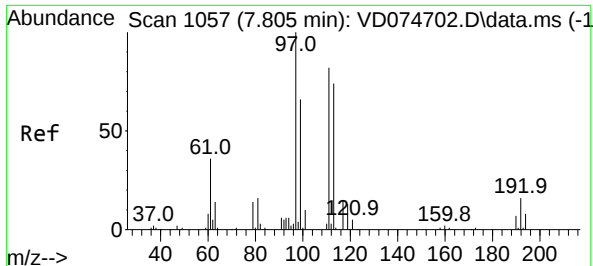
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 82.573 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074805.D

Acq: 08 Nov 2022 15:35

Instrument :

MSVOA_D

ClientSampleId :

R-24RE

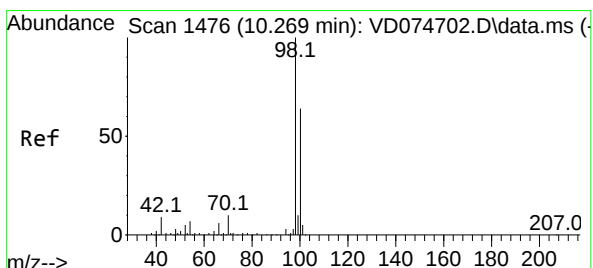
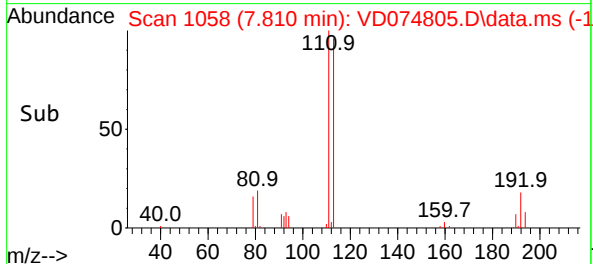
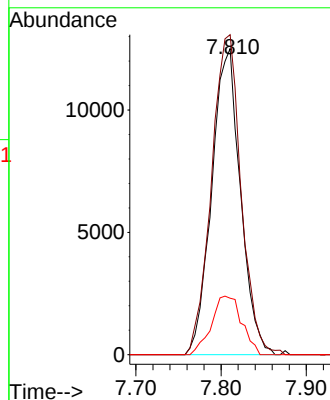
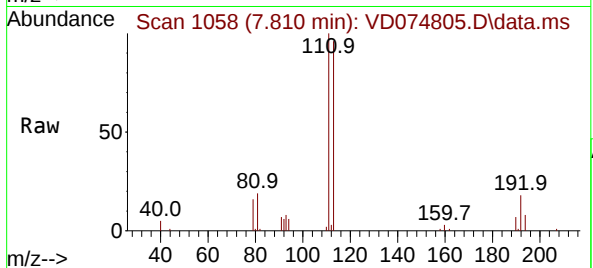
Tgt Ion:113 Resp: 29310

Ion Ratio Lower Upper

113 100

111 107.8 82.3 123.5

192 20.2 16.4 24.6



#50

Toluene-d8

Concen: 52.310 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074805.D

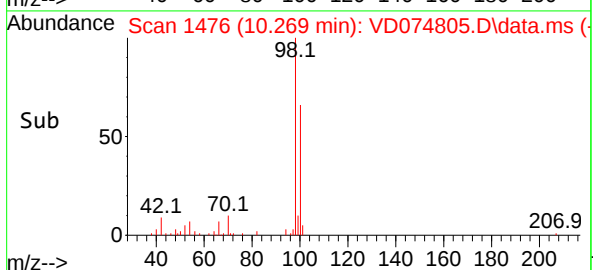
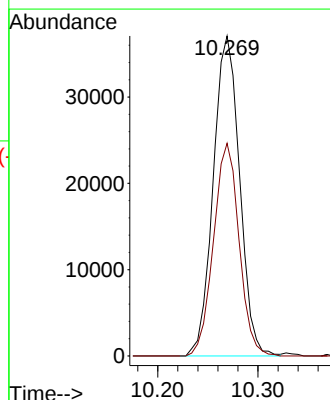
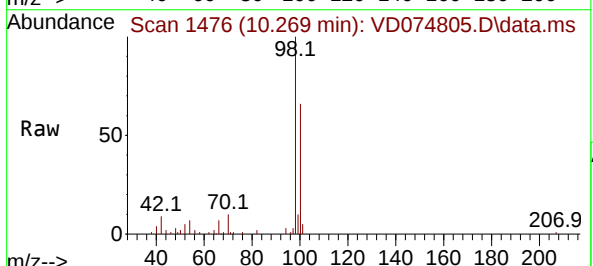
Acq: 08 Nov 2022 15:35

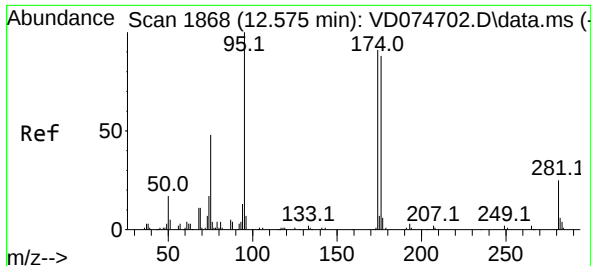
Tgt Ion: 98 Resp: 67731

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

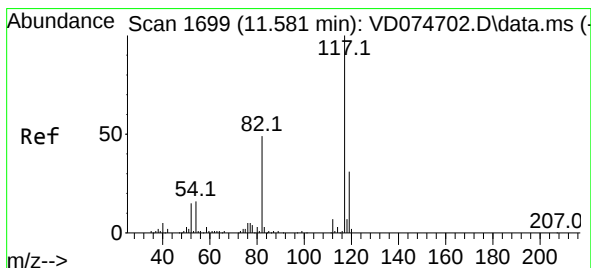
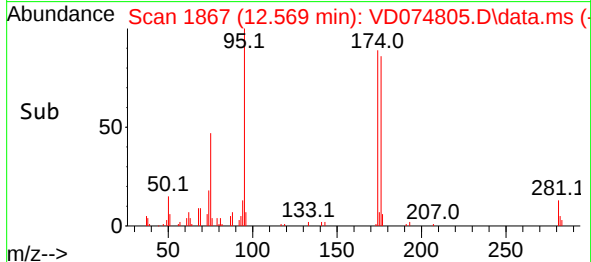
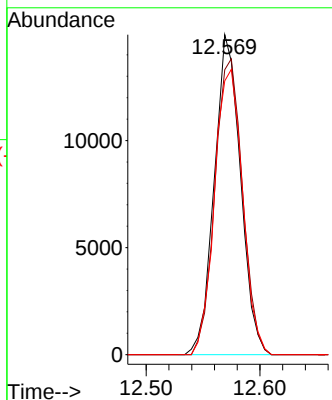
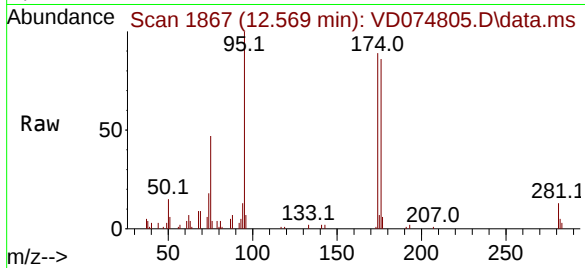




#62
4-Bromofluorobenzene
Concen: 64.080 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

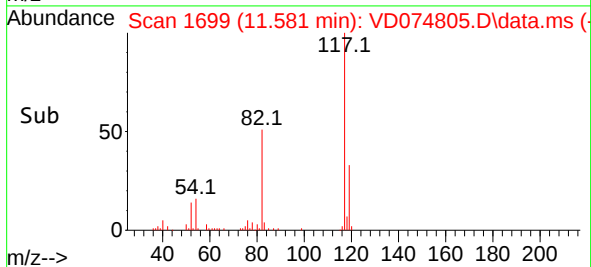
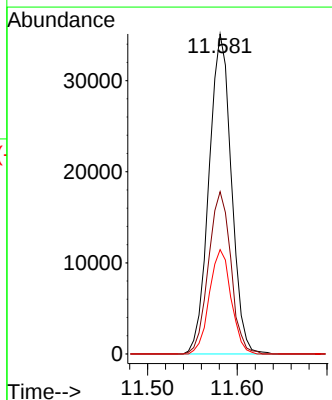
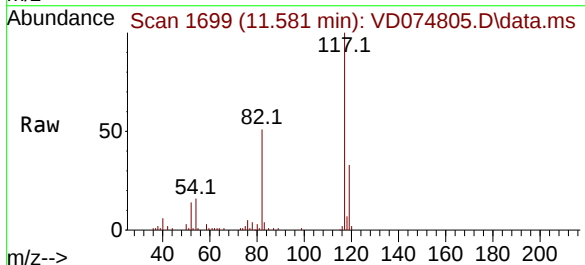
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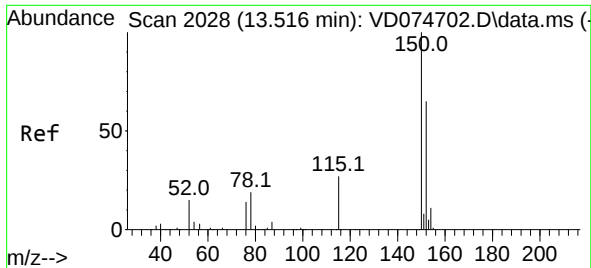
Tgt Ion:	95	Resp:	23956
Ion Ratio	Lower	Upper	
95	100		
174	97.4	0.0	197.0
176	95.5	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074805.D
Acq: 08 Nov 2022 15:35

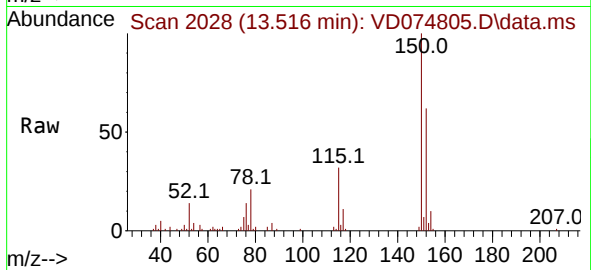
Tgt Ion:	117	Resp:	60917
Ion Ratio	Lower	Upper	
117	100		
82	50.7	41.6	62.4
119	32.6	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074805.D
 Acq: 08 Nov 2022 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 R-24RE



Tgt Ion:152 Resp: 28150
 Ion Ratio Lower Upper
 152 100
 115 55.0 26.8 80.4
 150 161.8 0.0 348.2

