

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074872.D
 Acq On : 10 Nov 2022 17:15
 Operator : VA/SY
 Sample : N5520-03RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124037RE

Quant Time: Nov 11 07:18:48 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)

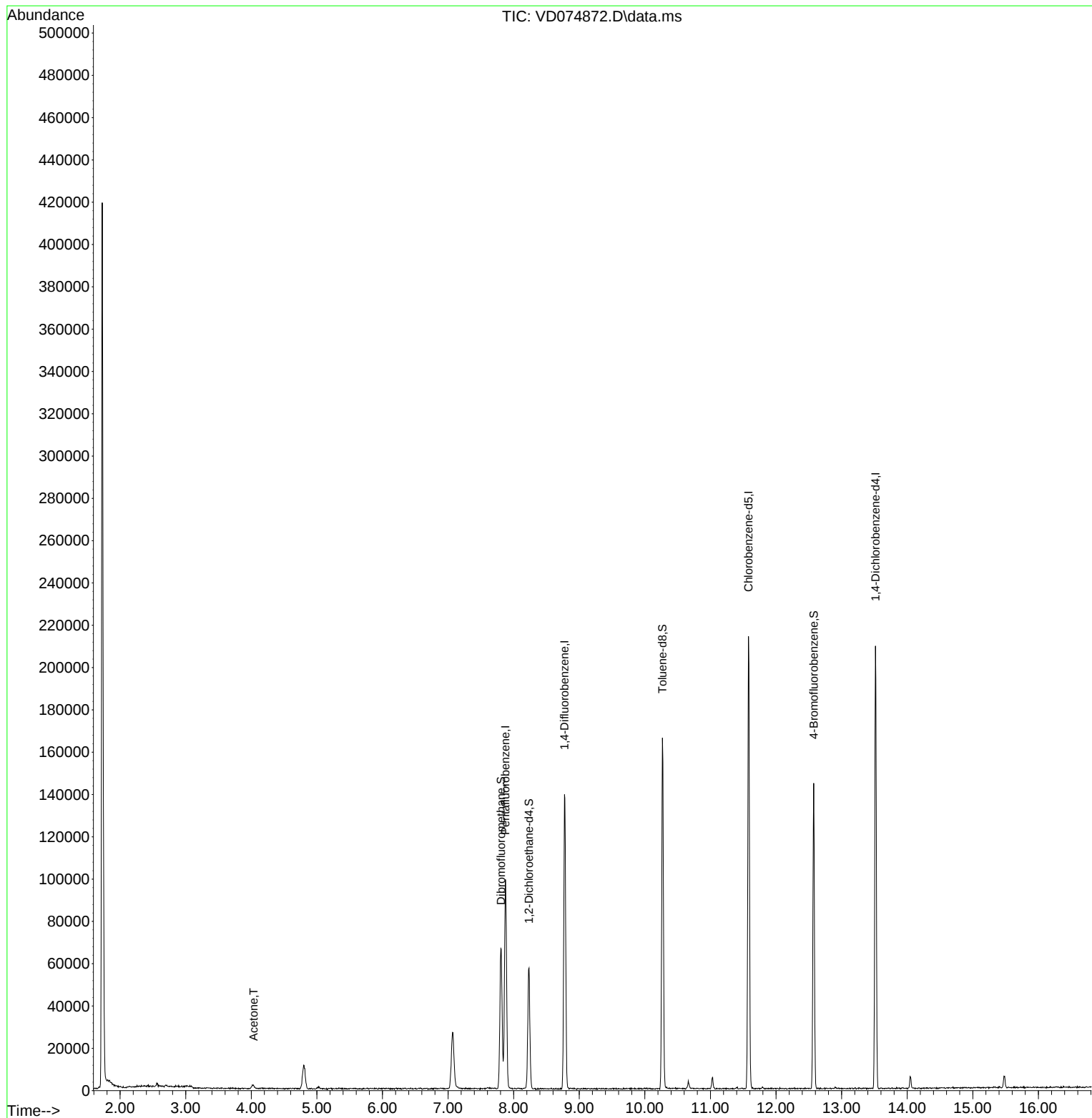
Internal Standards						
1) Pentafluorobenzene	7.875	168	81440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	135850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	135041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	60595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	43956	68.147	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	136.300%	
35) Dibromofluoromethane	7.810	113	50084	62.324	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	124.640%	
50) Toluene-d8	10.269	98	122210	41.691	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	83.380%	
62) 4-Bromofluorobenzene	12.575	95	43761	51.704	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	103.400%	
Target Compounds						
						Qvalue
16) Acetone	4.034	43	3502	26.017	ug/l #	87

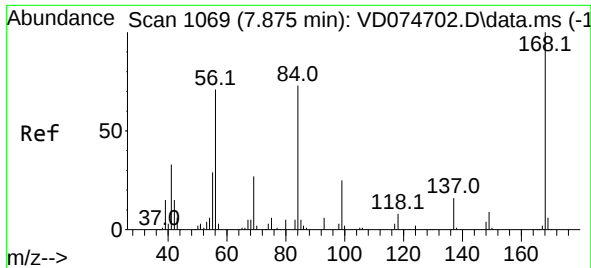
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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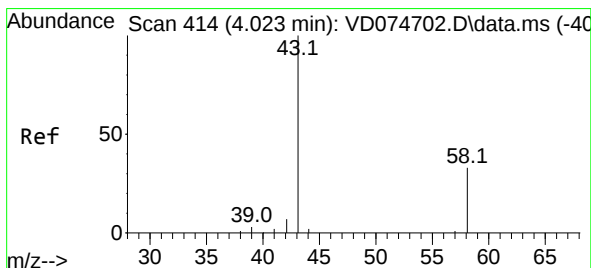
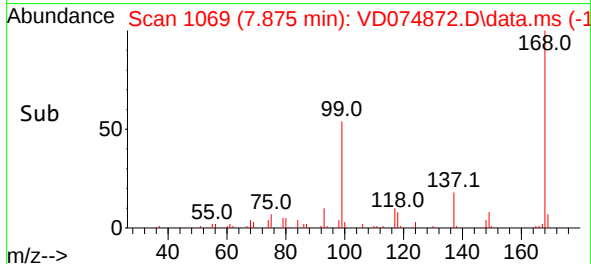
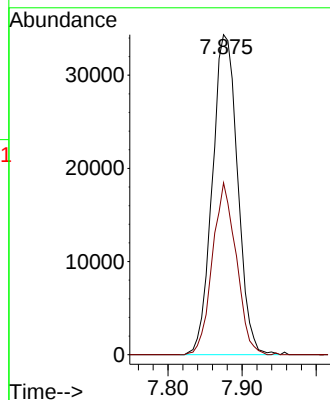
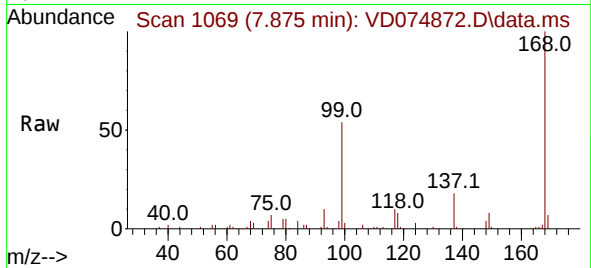




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

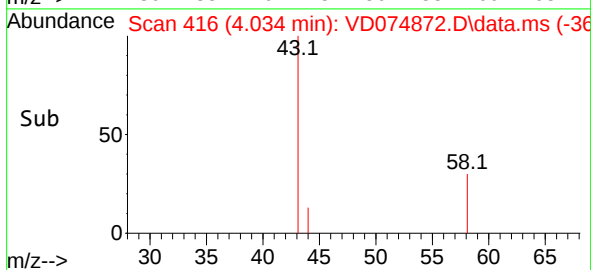
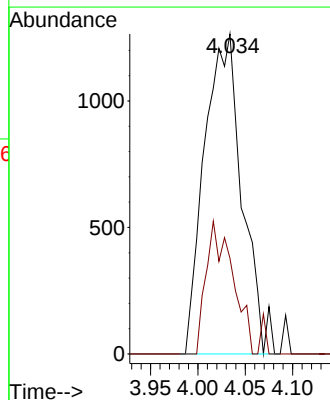
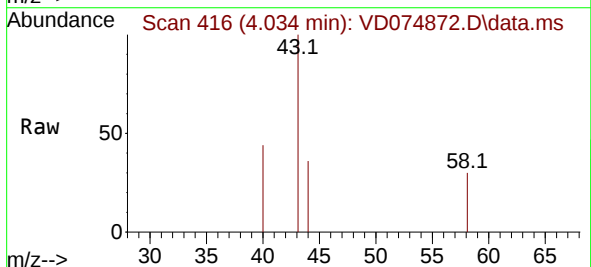
Instrument :
MSVOA_D
ClientSampleId :
124037RE

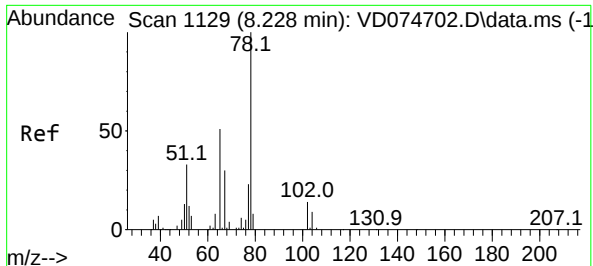
Tgt Ion:168 Resp: 81440
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#16
Acetone
Concen: 26.017 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 29.9 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 68.147 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

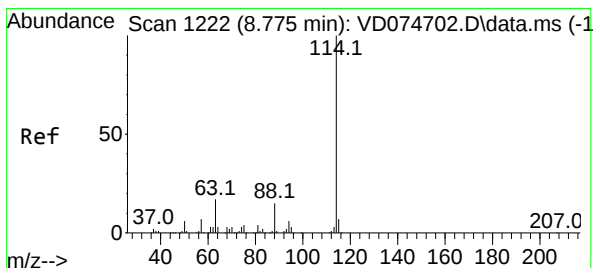
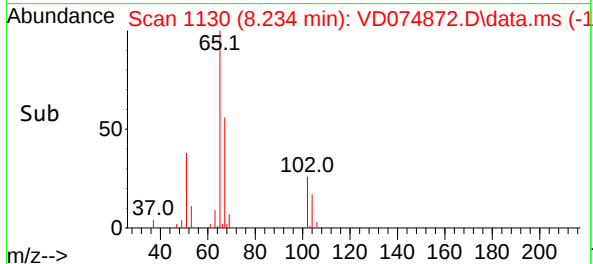
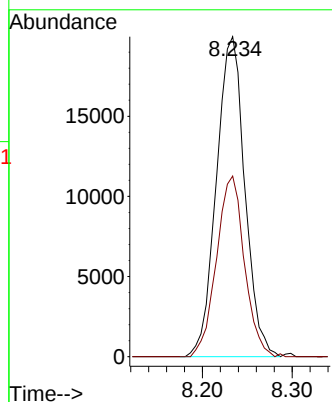
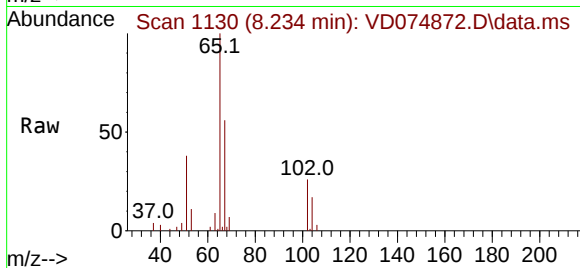
124037RE

Tgt Ion: 65 Resp: 43956

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

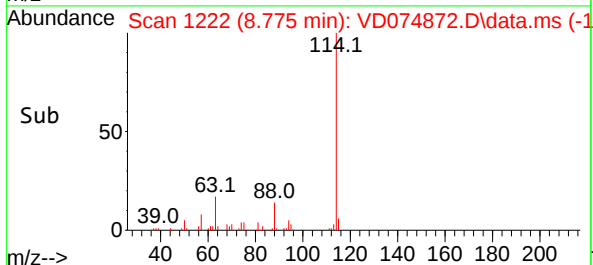
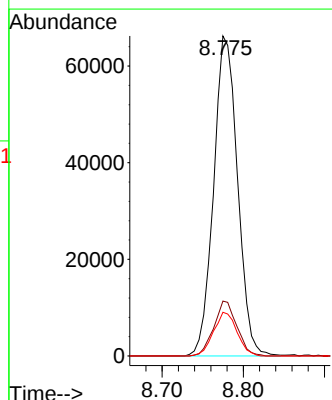
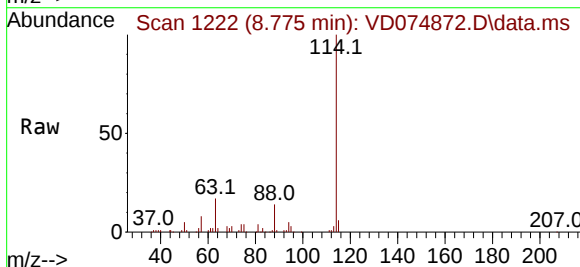
Tgt Ion: 114 Resp: 135850

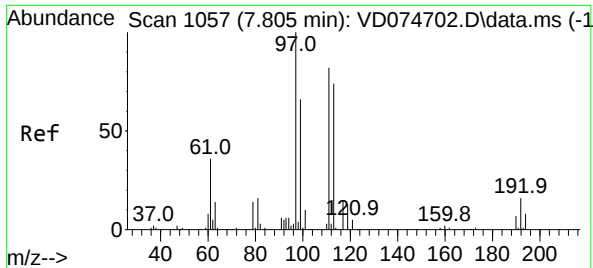
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 62.324 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074872.D

Acq: 10 Nov 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

124037RE

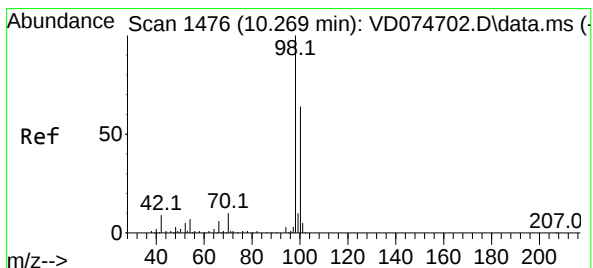
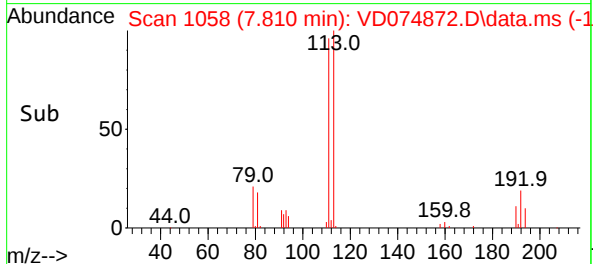
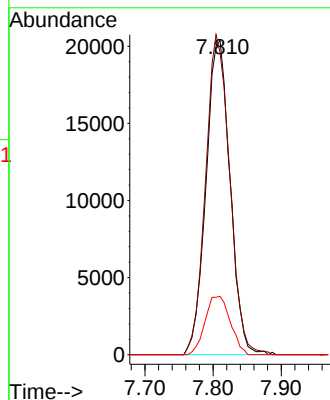
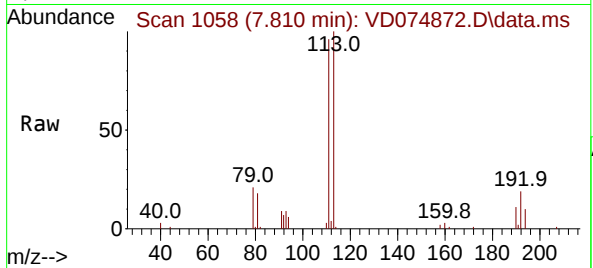
Tgt Ion:113 Resp: 50084

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

192 19.4 16.4 24.6



#50

Toluene-d8

Concen: 41.691 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074872.D

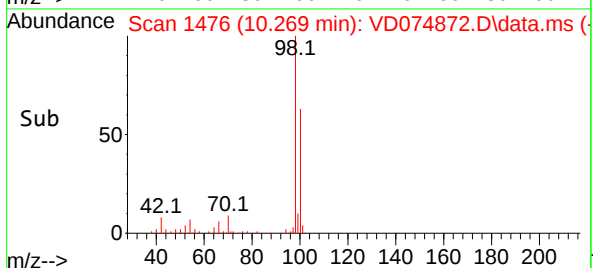
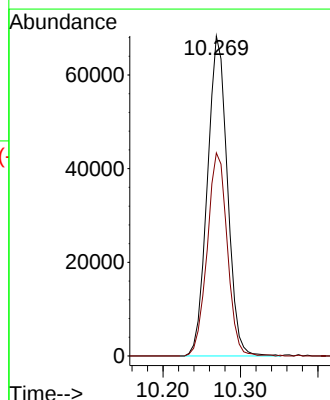
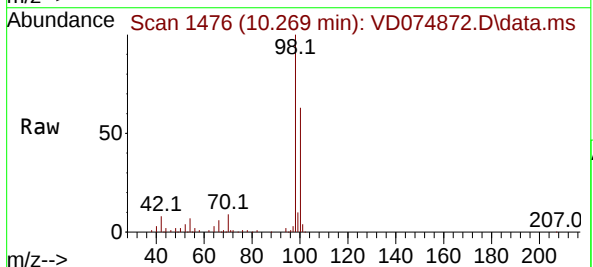
Acq: 10 Nov 2022 17:15

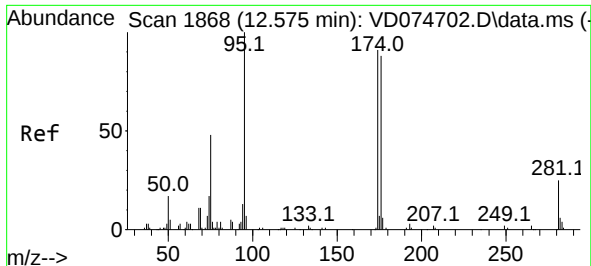
Tgt Ion: 98 Resp: 122210

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0

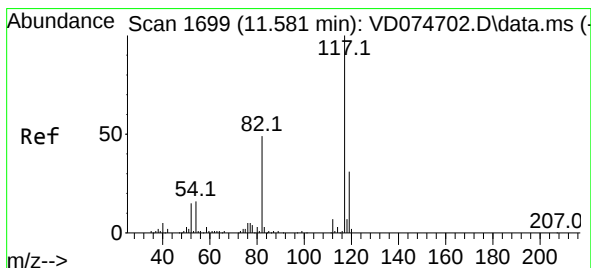
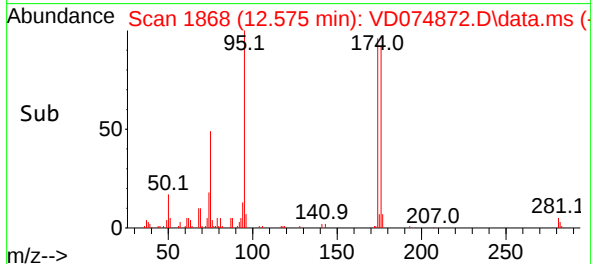
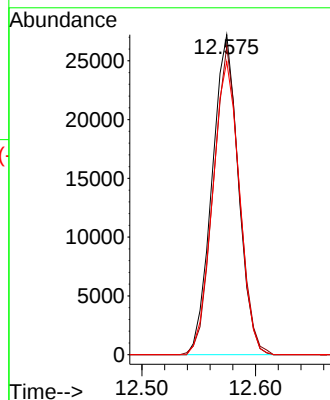
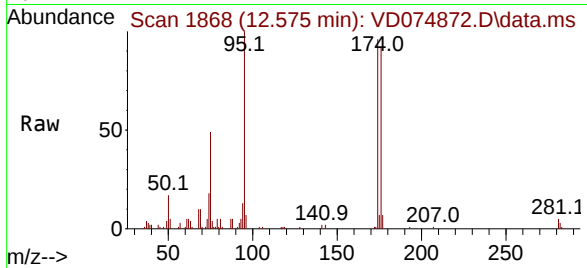




#62
4-Bromofluorobenzene
Concen: 51.704 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

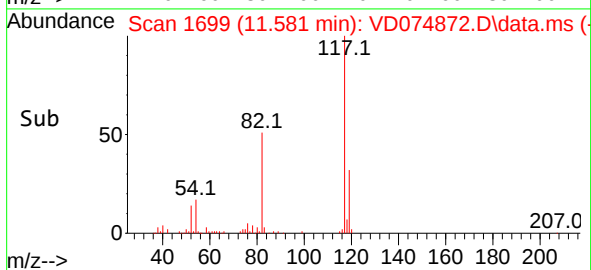
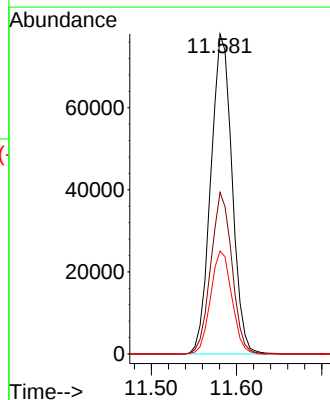
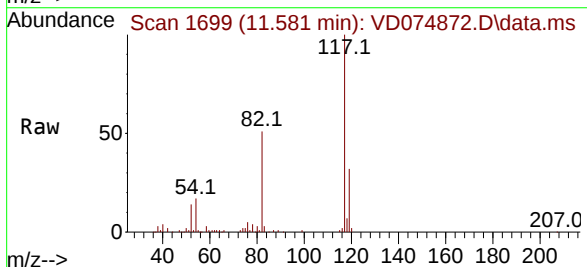
Instrument :
MSVOA_D
ClientSampleId :
124037RE

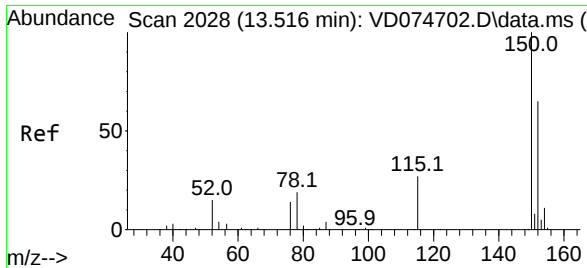
Tgt Ion: 95 Resp: 43761
Ion Ratio Lower Upper
95 100
174 94.6 0.0 197.0
176 93.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074872.D
Acq: 10 Nov 2022 17:15

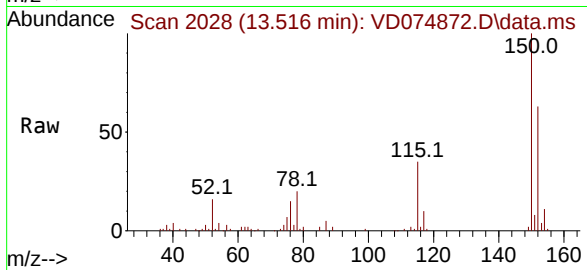
Tgt Ion: 117 Resp: 135041
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.1 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074872.D
 Acq: 10 Nov 2022 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 124037RE



Tgt Ion:152 Resp: 60595
 Ion Ratio Lower Upper
 152 100
 115 53.9 26.8 80.4
 150 159.4 0.0 348.2

