

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074755.D
 Acq On : 07 Nov 2022 12:20
 Operator : VA/SY
 Sample : N5433-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-110222

Quant Time: Nov 07 12:38:54 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)

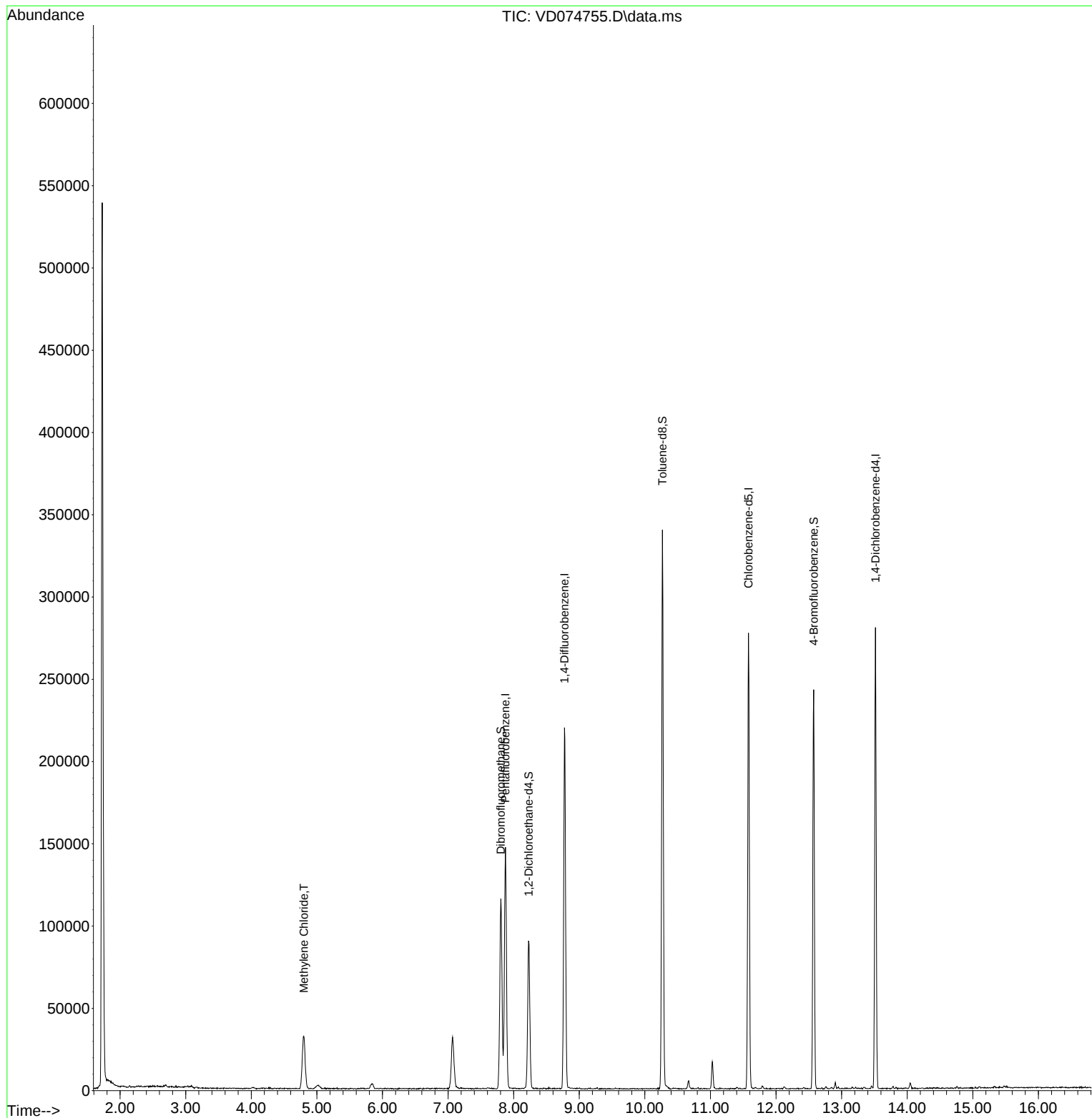
Internal Standards						
1) Pentafluorobenzene	7.875	168	117088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	171145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	77695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71238	76.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.640%	
35) Dibromofluoromethane	7.804	113	84814	68.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.180%	
50) Toluene-d8	10.269	98	241616	53.566	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.140%	
62) 4-Bromofluorobenzene	12.575	95	74647	57.317	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.640%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	28563	7.962	ug/l	96

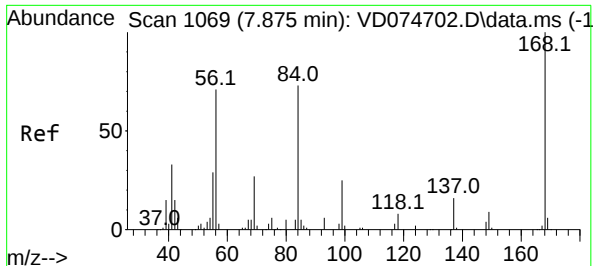
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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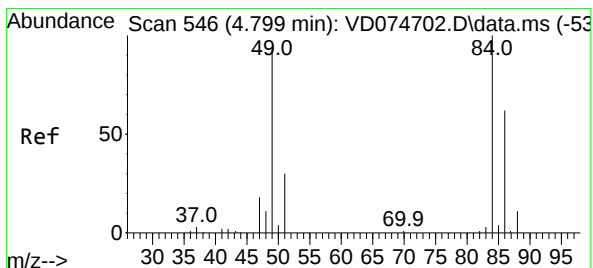
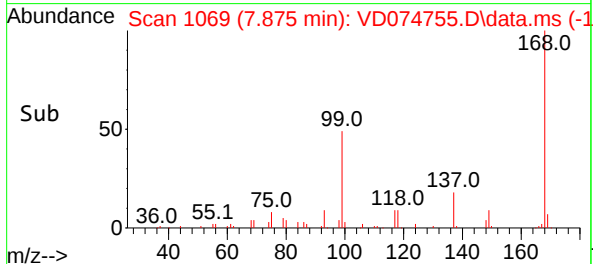
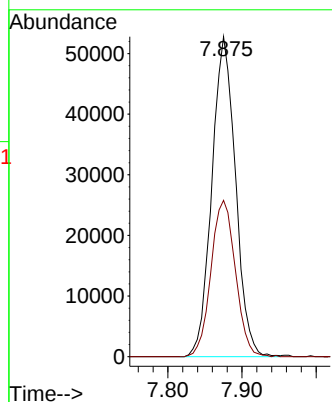
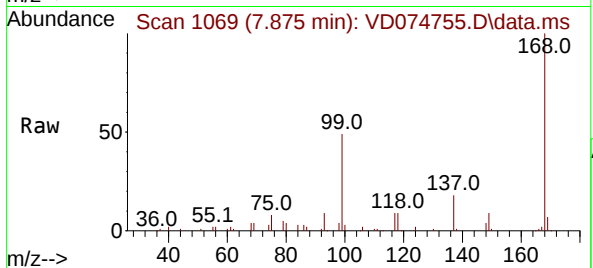




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

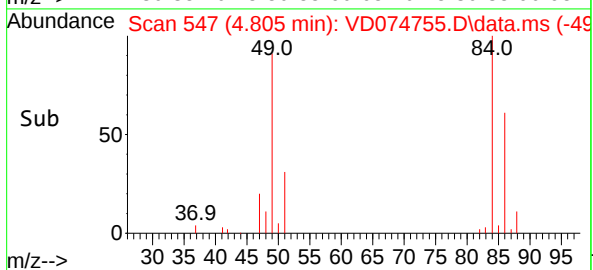
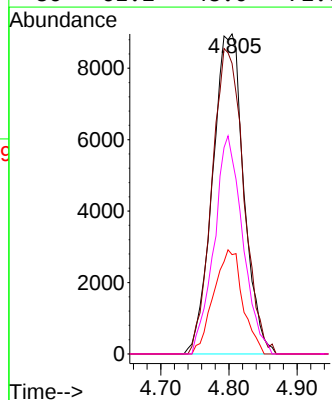
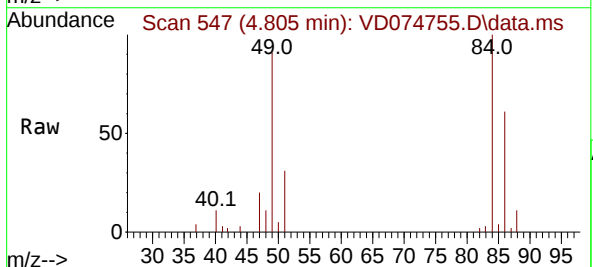
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

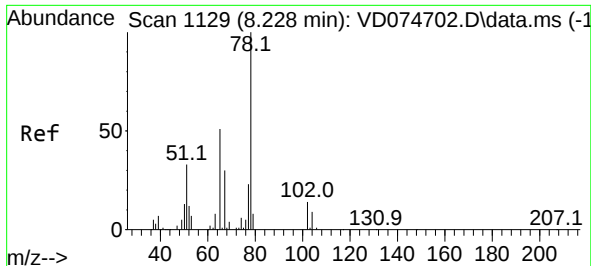
Tgt Ion:168 Resp: 117088
Ion Ratio Lower Upper
168 100
99 48.8 40.9 61.3



#20
Methylene Chloride
Concen: 7.962 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

Tgt Ion: 84 Resp: 28563
Ion Ratio Lower Upper
84 100
49 90.8 68.0 102.0
51 31.0 23.2 34.8
86 61.2 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 76.818 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074755.D

Acq: 07 Nov 2022 12:20

Instrument :

MSVOA_D

ClientSampleId :

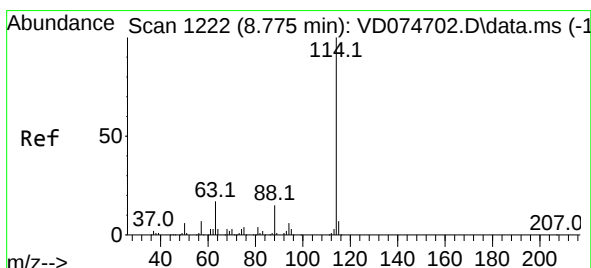
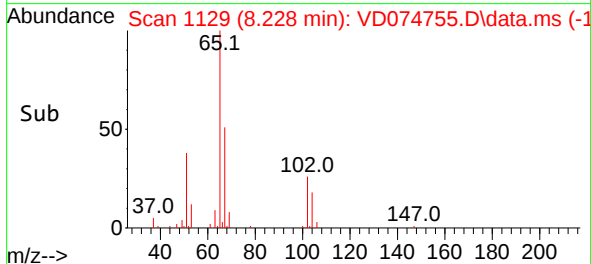
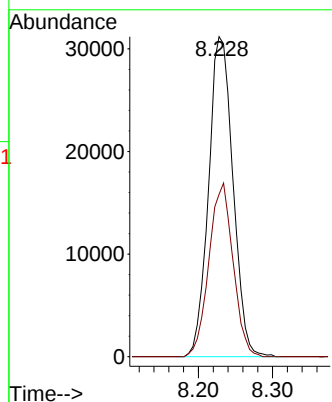
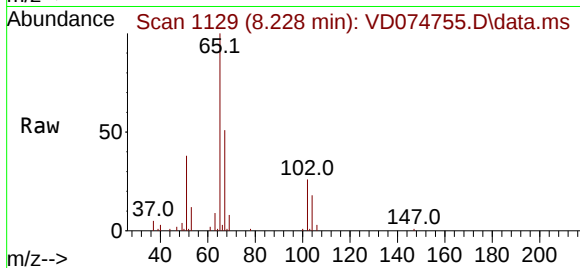
CL-01-110222

Tgt Ion: 65 Resp: 71238

Ion Ratio Lower Upper

65 100

67 53.6 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: VD074755.D

Acq: 07 Nov 2022 12:20

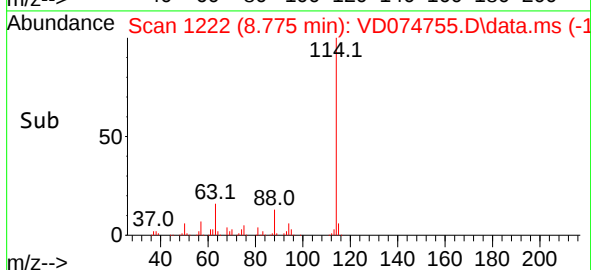
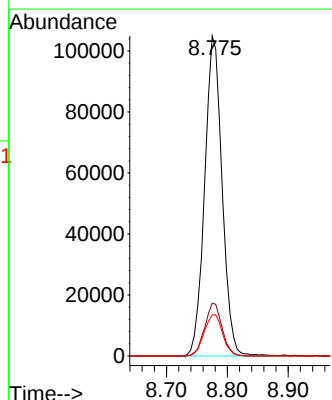
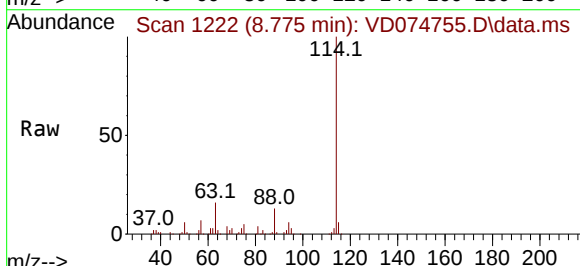
Tgt Ion: 114 Resp: 209041

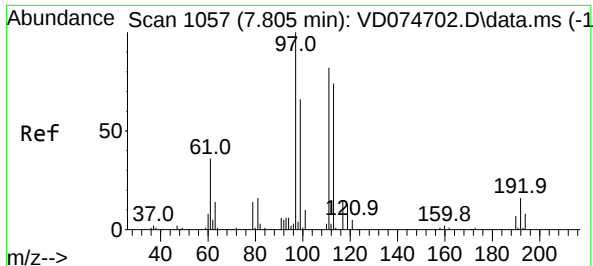
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 12.8 0.0 28.2

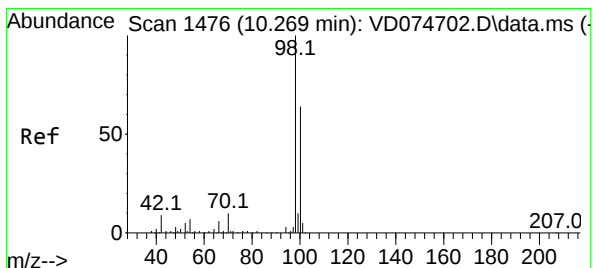
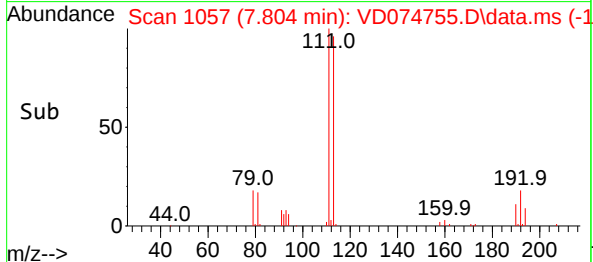
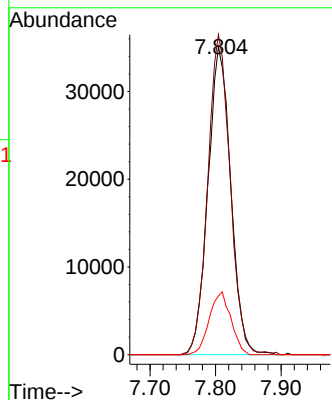
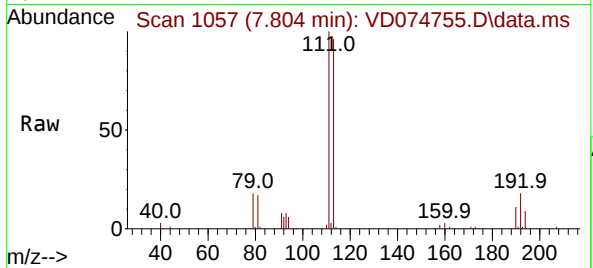




#35
Dibromofluoromethane
Concen: 68.589 ug/l
RT: 7.804 min Scan# 113
Delta R.T. -0.001 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

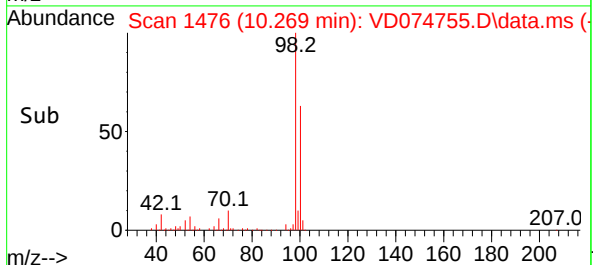
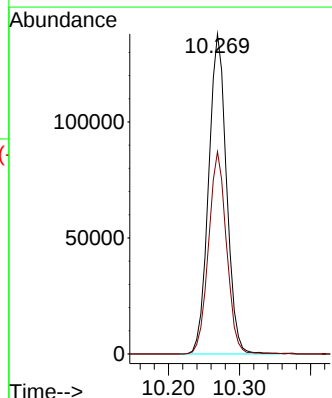
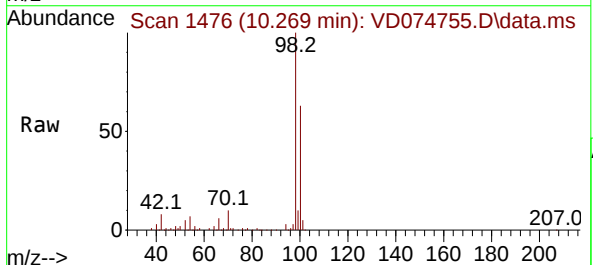
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

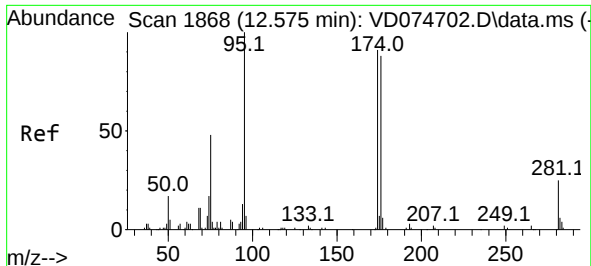
Tgt Ion:113 Resp: 84814
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 19.3 16.4 24.6



#50
Toluene-d8
Concen: 53.566 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

Tgt Ion: 98 Resp: 241616
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0

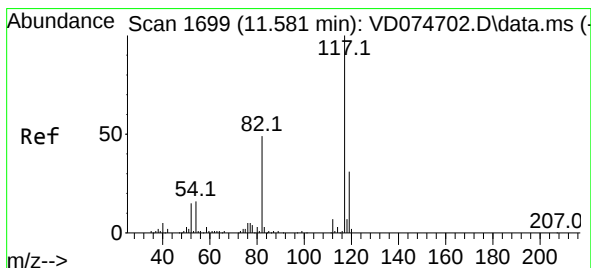
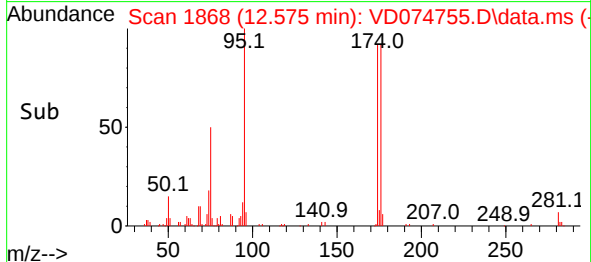
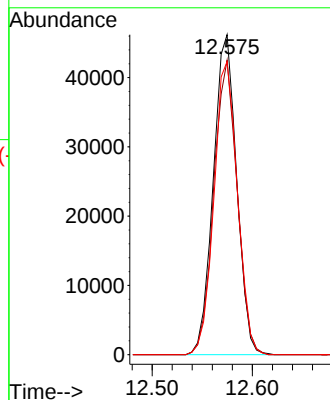
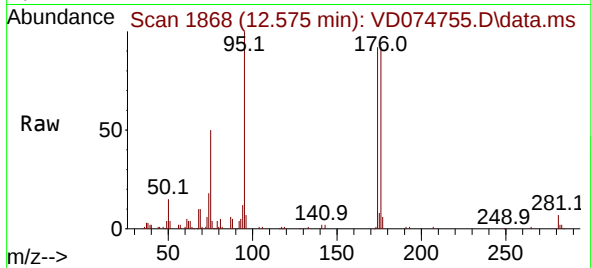




#62
4-Bromofluorobenzene
Concen: 57.317 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

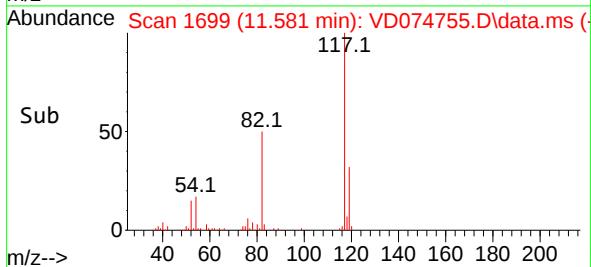
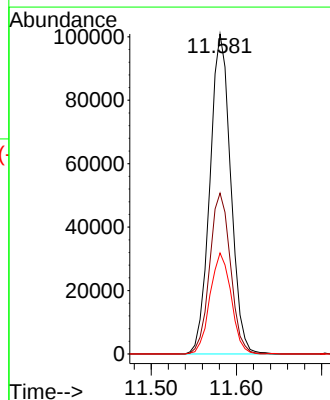
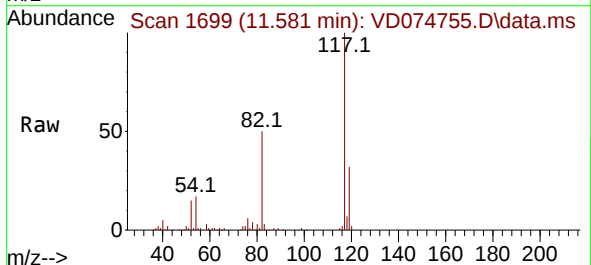
Instrument :
MSVOA_D
ClientSampleId :
CL-01-110222

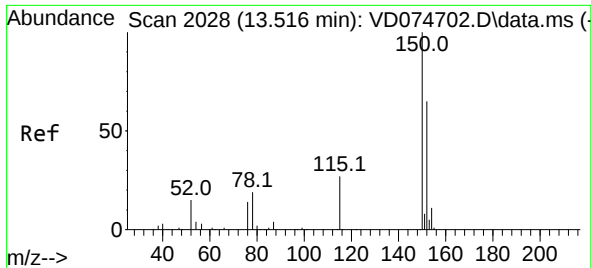
Tgt Ion: 95 Resp: 74647
Ion Ratio Lower Upper
95 100
174 92.2 0.0 197.0
176 92.2 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074755.D
Acq: 07 Nov 2022 12:20

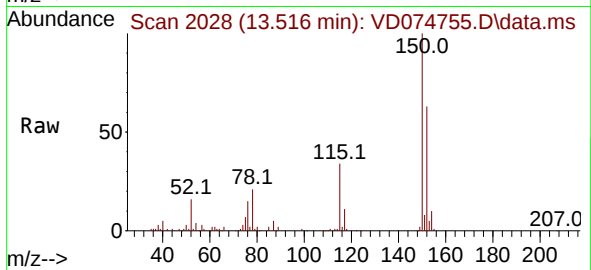
Tgt Ion: 117 Resp: 171145
Ion Ratio Lower Upper
117 100
82 50.2 41.6 62.4
119 31.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074755.D
 Acq: 07 Nov 2022 12:20

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-110222



Tgt Ion:152 Resp: 77695
 Ion Ratio Lower Upper
 152 100
 115 54.3 26.8 80.4
 150 158.0 0.0 348.2

