

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074770.D
 Acq On : 07 Nov 2022 19:22
 Operator : VA/SY
 Sample : N5461-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TJRC-110222-G1

Quant Time: Nov 08 00:23:06 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)

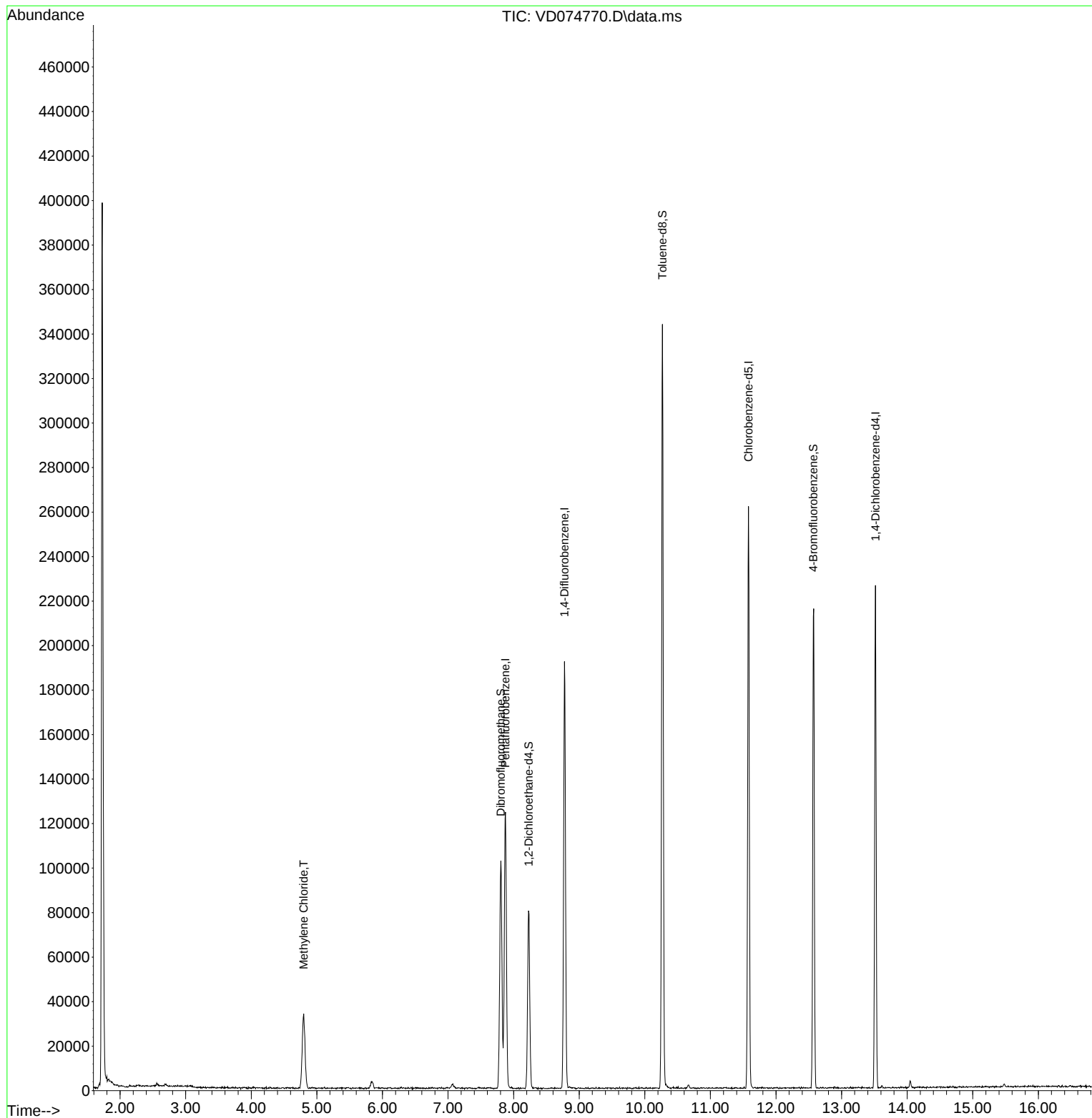
Internal Standards						
1) Pentafluorobenzene	7.875	168	102724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	63534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63384	77.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.820%
35) Dibromofluoromethane	7.805	113	75347	69.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.780%
50) Toluene-d8	10.269	98	245005	62.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	124.600%
62) 4-Bromofluorobenzene	12.569	95	67326	59.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.580%
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	28606	11.117	ug/l	93

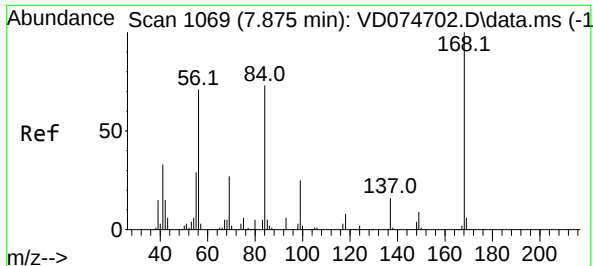
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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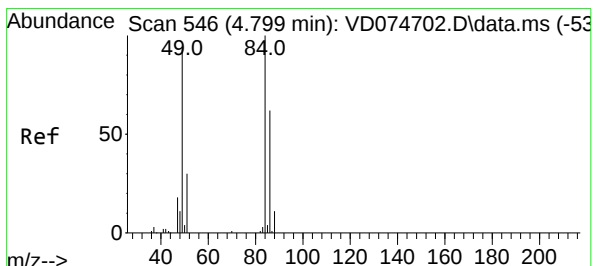
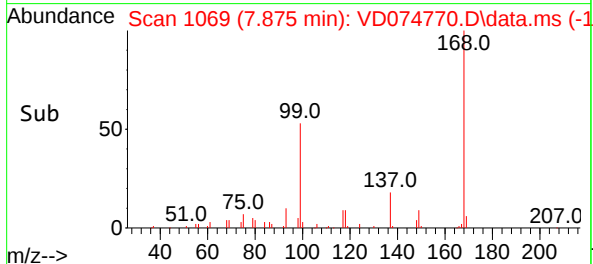
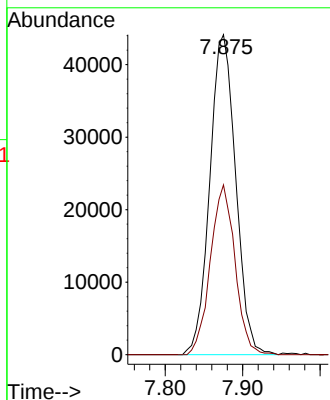
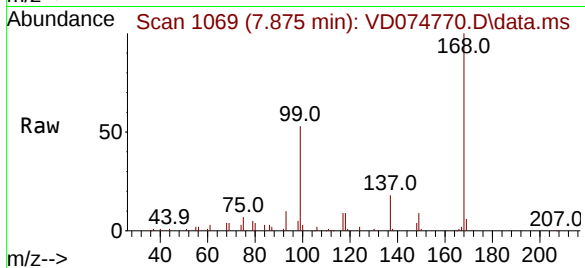




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

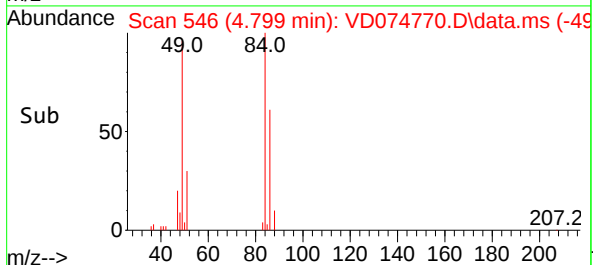
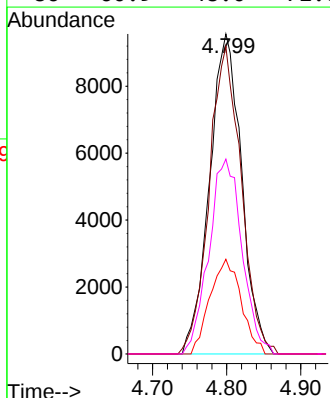
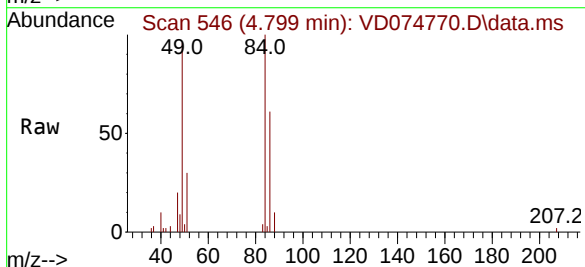
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

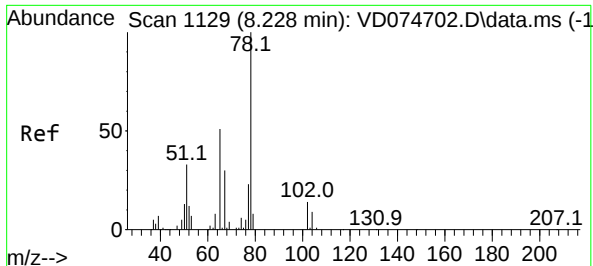
Tgt Ion:168 Resp: 102724
Ion Ratio Lower Upper
168 100
99 53.1 40.9 61.3



#20
Methylene Chloride
Concen: 11.117 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 84 Resp: 28606
Ion Ratio Lower Upper
84 100
49 96.0 68.0 102.0
51 29.6 23.2 34.8
86 60.9 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 77.906 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074770.D

Acq: 07 Nov 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

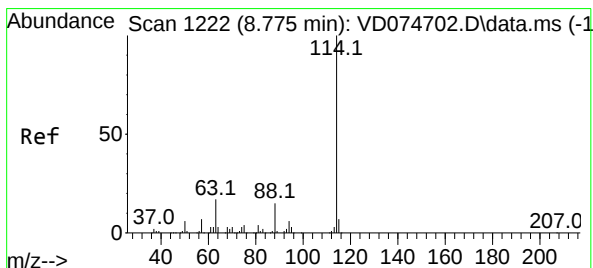
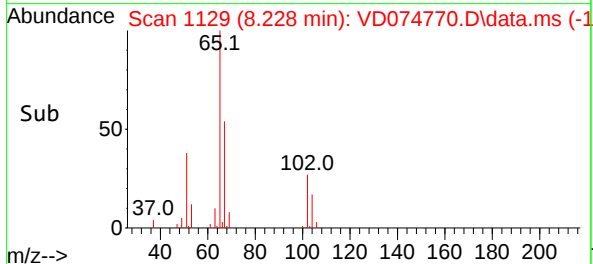
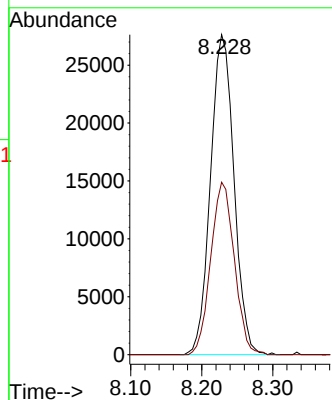
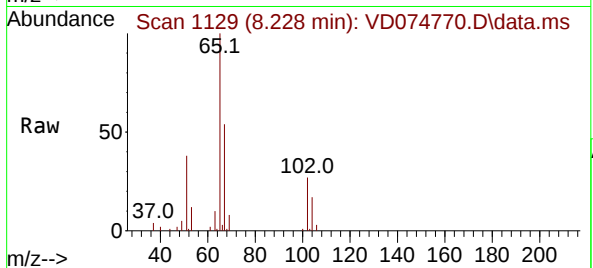
TJRC-110222-G1

Tgt Ion: 65 Resp: 63384

Ion Ratio Lower Upper

65 100

67 54.2 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: VD074770.D

Acq: 07 Nov 2022 19:22

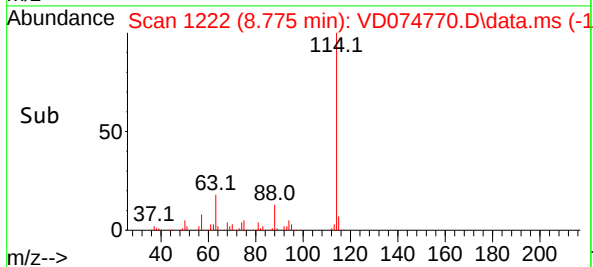
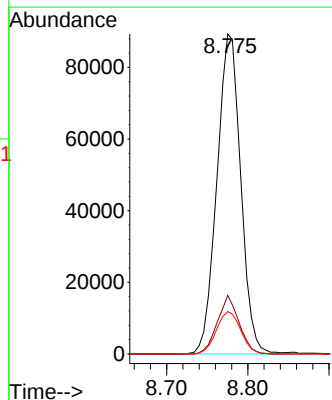
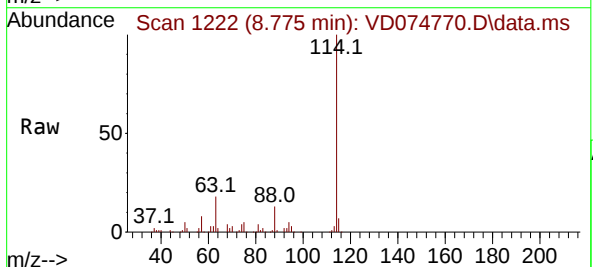
Tgt Ion: 114 Resp: 182252

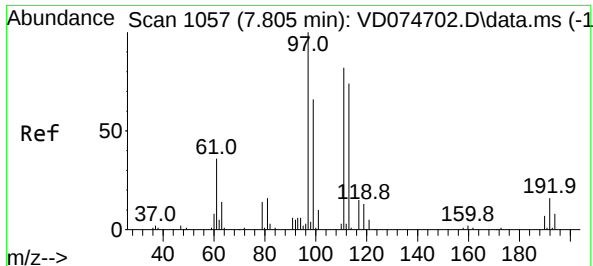
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 13.3 0.0 28.2

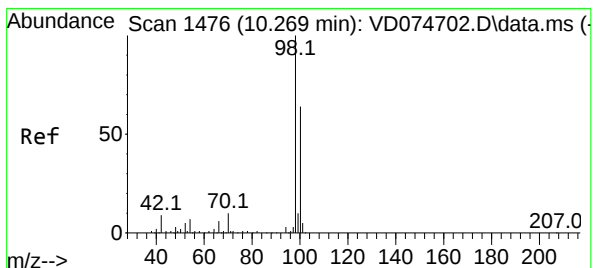
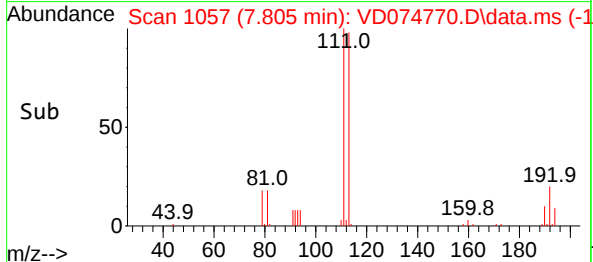
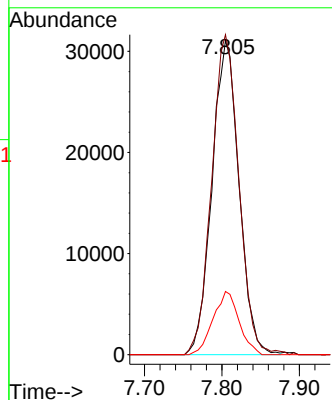
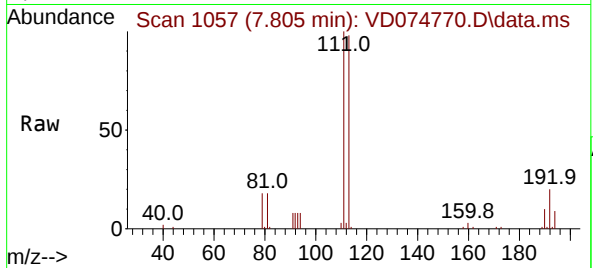




#35
Dibromofluoromethane
Concen: 69.889 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

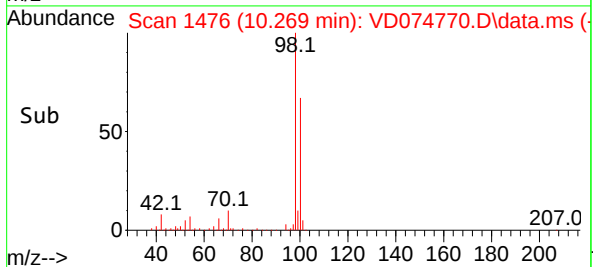
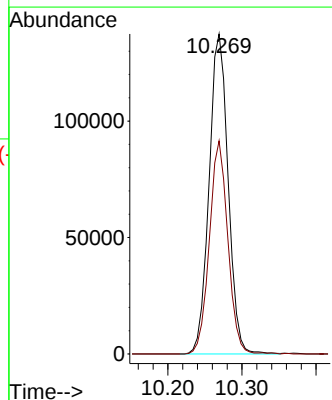
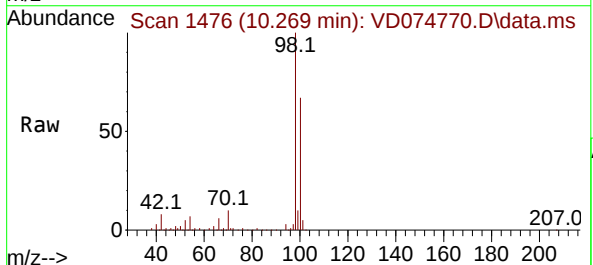
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TJRC-110222-G1

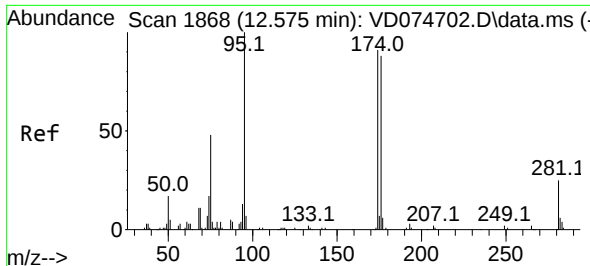
Tgt Ion:113 Resp: 75347
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 19.3 16.4 24.6



#50
Toluene-d8
Concen: 62.302 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 98 Resp: 245005
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

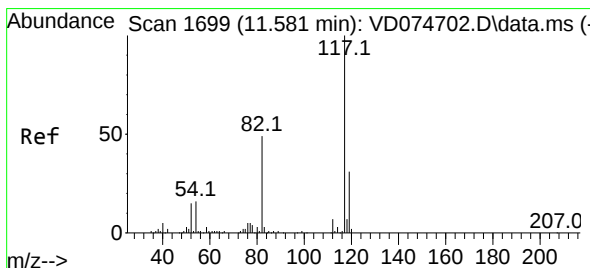
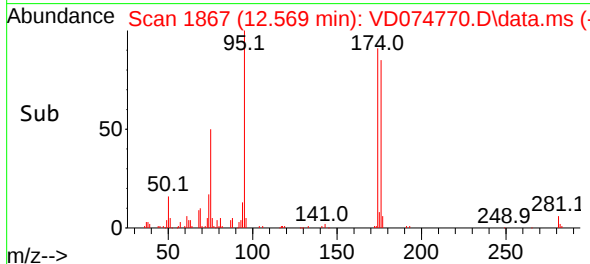
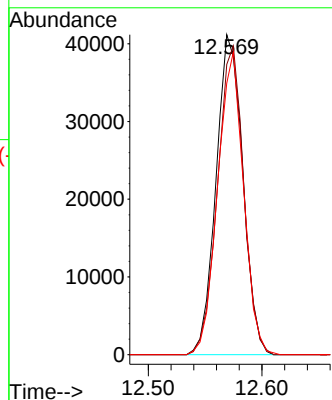
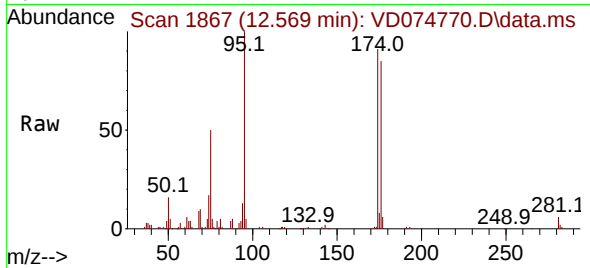




#62
4-Bromofluorobenzene
Concen: 59.294 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

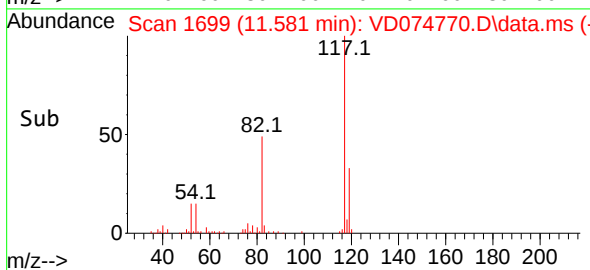
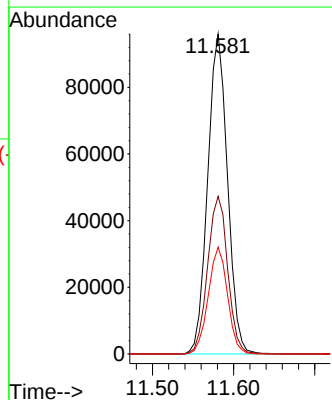
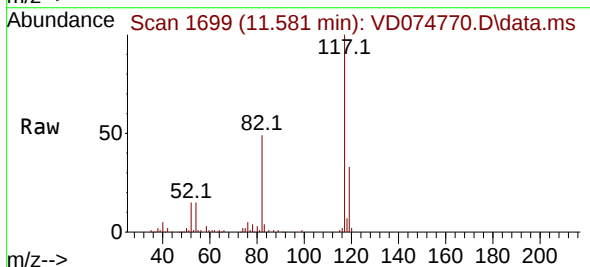
Instrument :
MSVOA_D
ClientSampleId :
TJRC-110222-G1

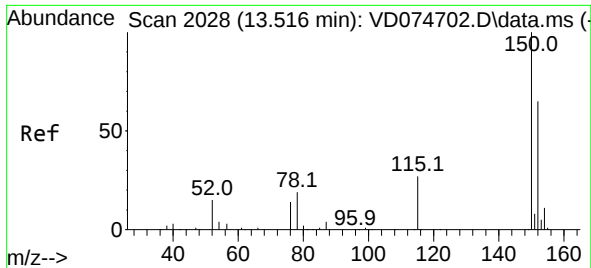
Tgt Ion: 95 Resp: 67326
Ion Ratio Lower Upper
95 100
174 94.5 0.0 197.0
176 91.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074770.D
Acq: 07 Nov 2022 19:22

Tgt Ion: 117 Resp: 162407
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 33.3 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: VD074770.D

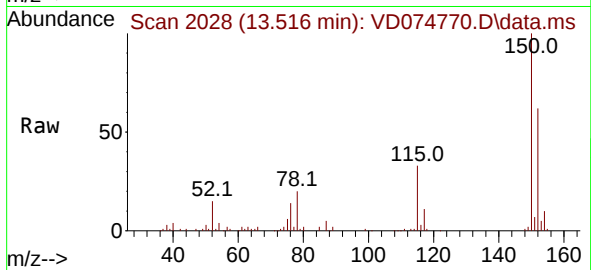
Acq: 07 Nov 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

TJRC-110222-G1



Tgt Ion:152 Resp: 63534

Ion Ratio Lower Upper

152 100

115 54.8 26.8 80.4

150 158.5 0.0 348.2

