

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074355.D
 Acq On : 19 Sep 2022 19:26
 Operator : VA/SY
 Sample : N4656-21
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Sep 19 23:02:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

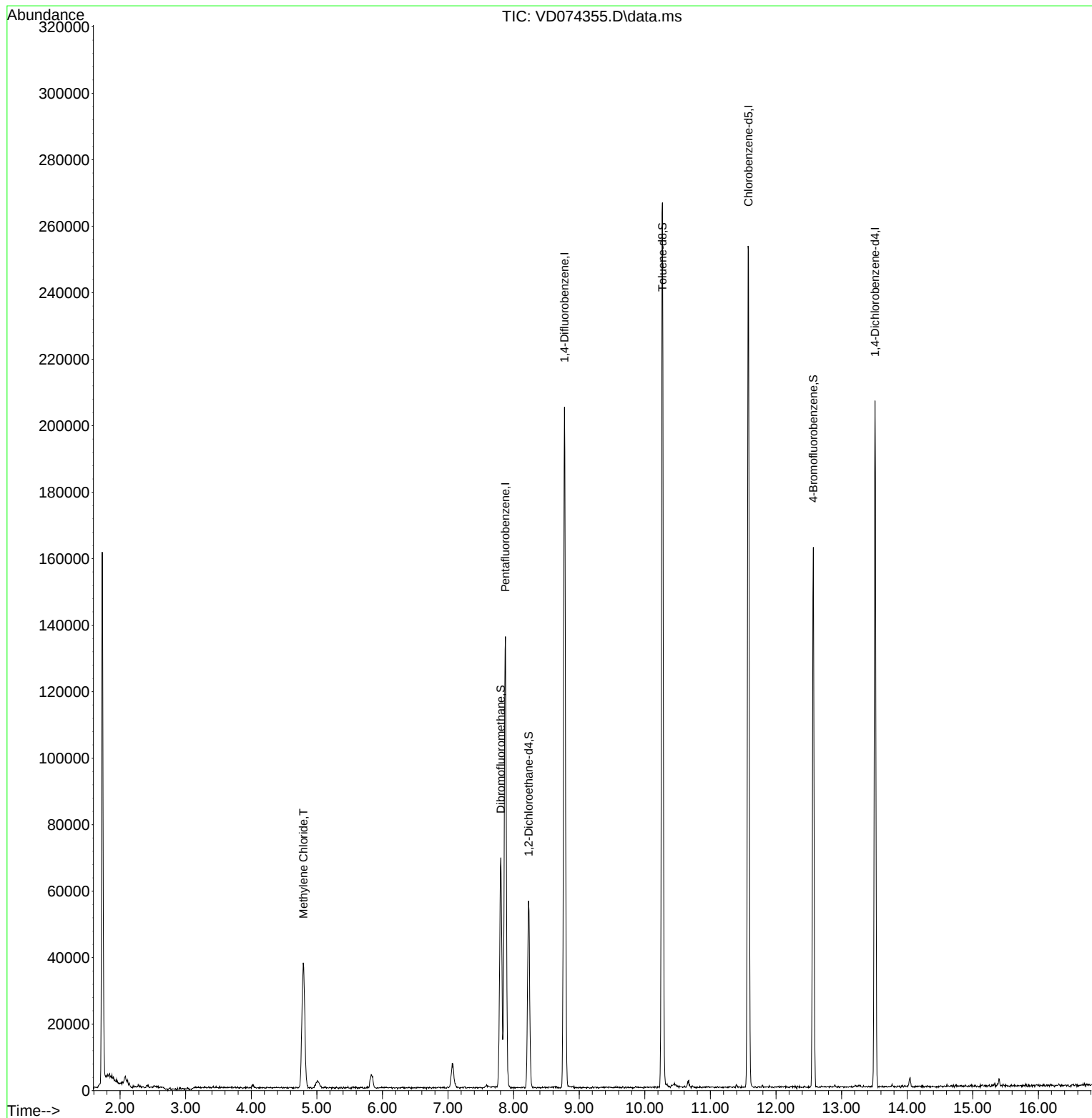
Internal Standards						
1) Pentafluorobenzene	7.875	168	104605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	56413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43760	42.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.900%
35) Dibromofluoromethane	7.805	113	49081	40.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.720%
50) Toluene-d8	10.269	98	189371	45.687	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.569	95	47532	31.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.500%
Target Compounds						
20) Methylene Chloride	4.793	84	29272	14.107	ug/l	Qvalue 100

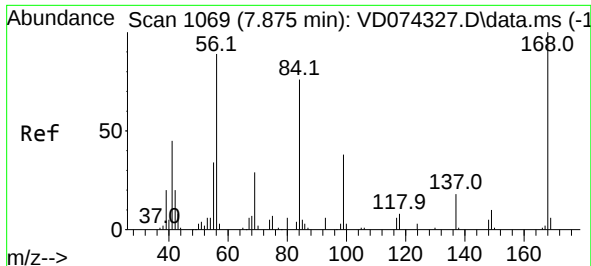
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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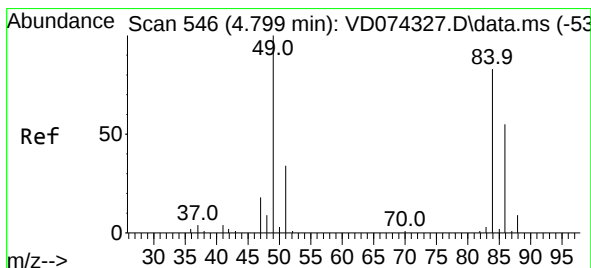
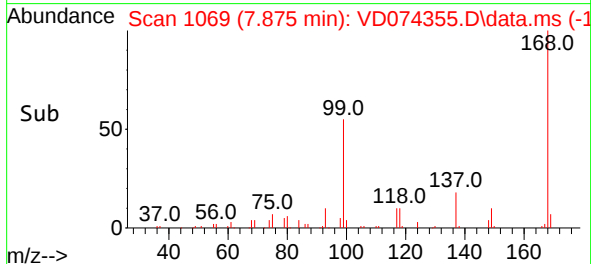
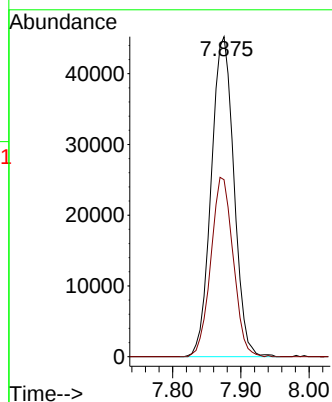
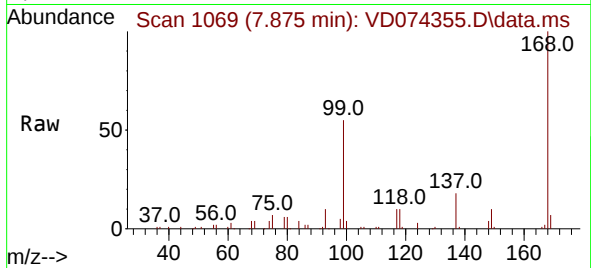




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

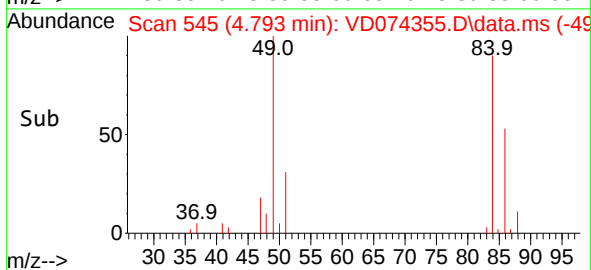
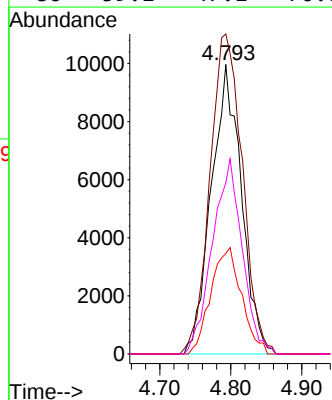
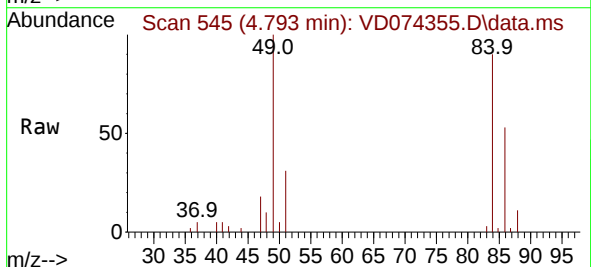
Instrument :
MSVOA_D
ClientSampleId :
SP-3

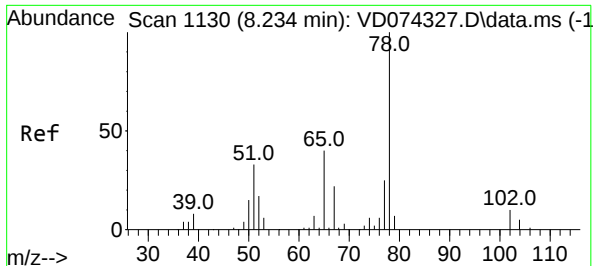
Tgt Ion:168 Resp: 104605
Ion Ratio Lower Upper
168 100
99 55.3 43.0 64.6



#20
Methylene Chloride
Concen: 14.107 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 84 Resp: 29272
Ion Ratio Lower Upper
84 100
49 110.5 88.4 132.6
51 34.7 28.0 42.0
86 59.1 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 42.949 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074355.D

Acq: 19 Sep 2022 19:26

Instrument :

MSVOA_D

ClientSampleId :

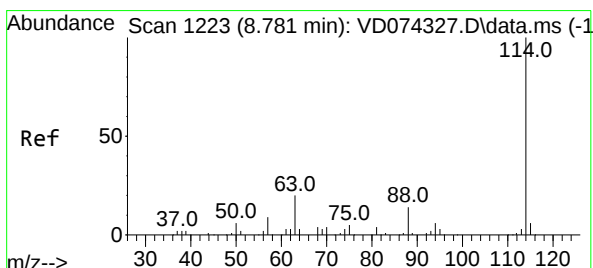
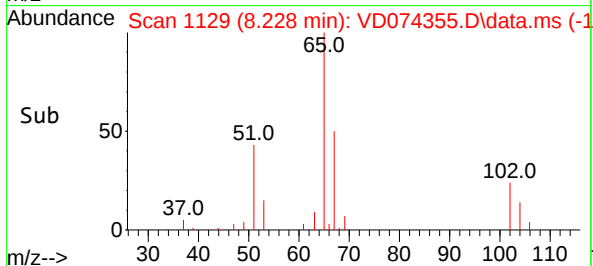
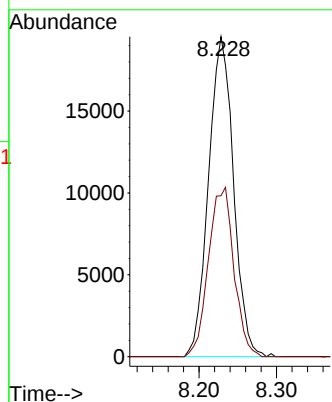
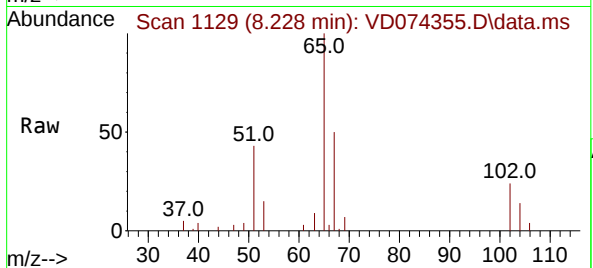
SP-3

Tgt Ion: 65 Resp: 43760

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074355.D

Acq: 19 Sep 2022 19:26

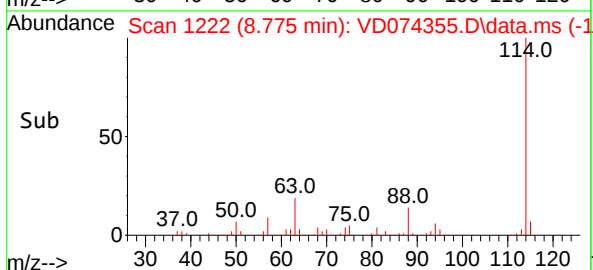
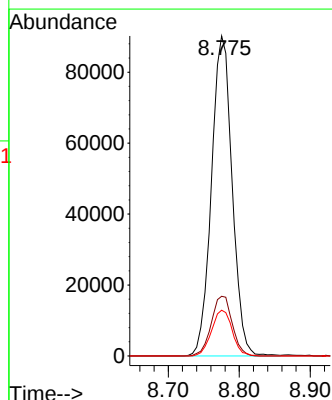
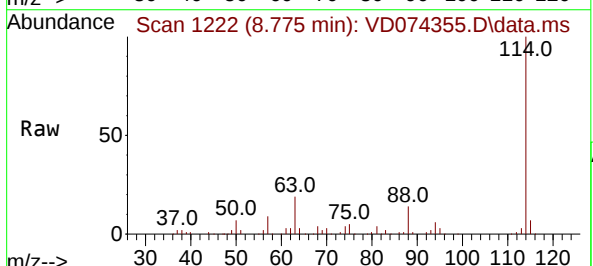
Tgt Ion: 114 Resp: 182395

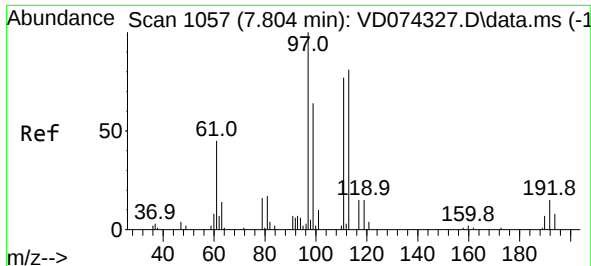
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.6

88 14.3 0.0 28.4



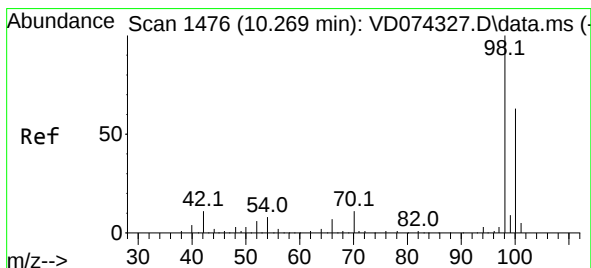
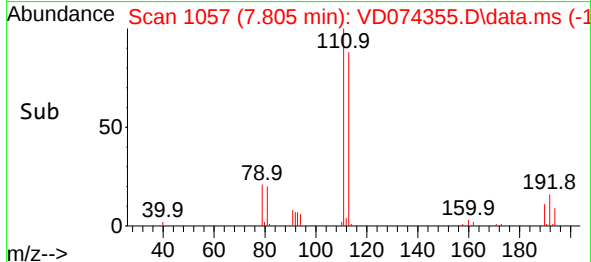
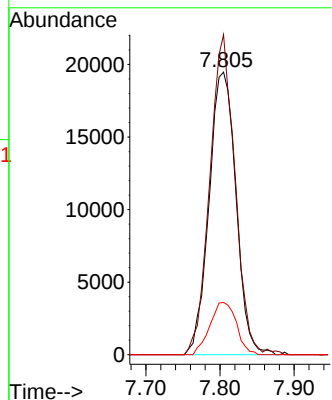
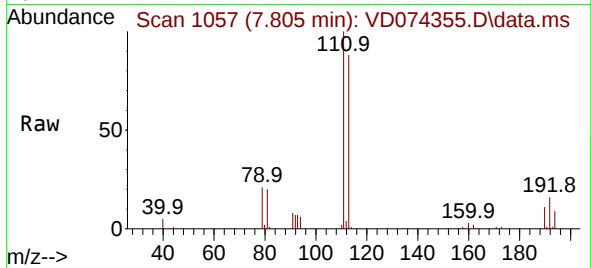


#35
 Dibromofluoromethane
 Concen: 40.858 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.001 min
 Lab File: VD074355.D
 Acq: 19 Sep 2022 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Tgt Ion:113 Resp: 49081

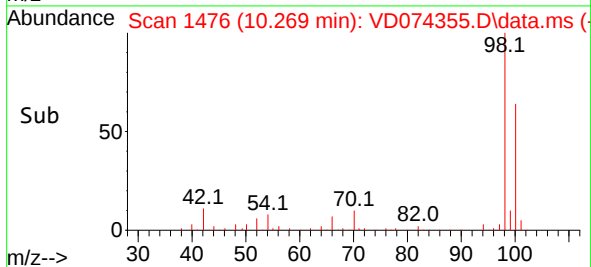
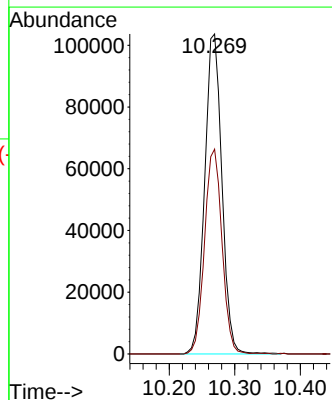
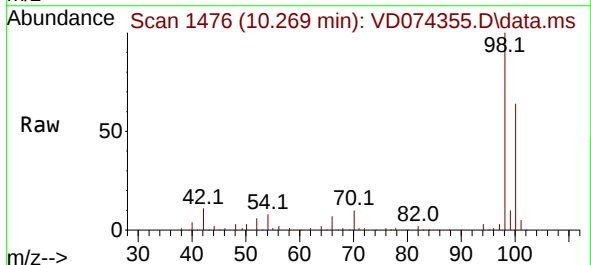
Ion	Ratio	Lower	Upper
113	100		
111	106.3	83.0	124.6
192	18.2	16.2	24.2

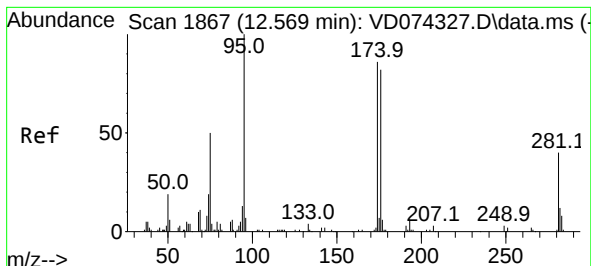


#50
 Toluene-d8
 Concen: 45.687 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD074355.D
 Acq: 19 Sep 2022 19:26

Tgt Ion: 98 Resp: 189371

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8

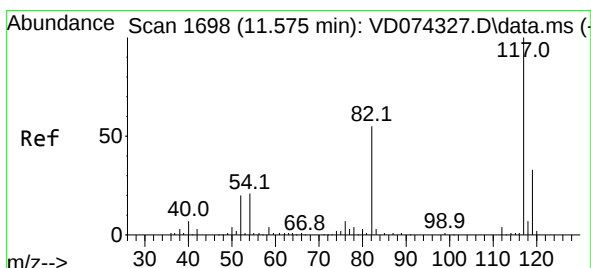
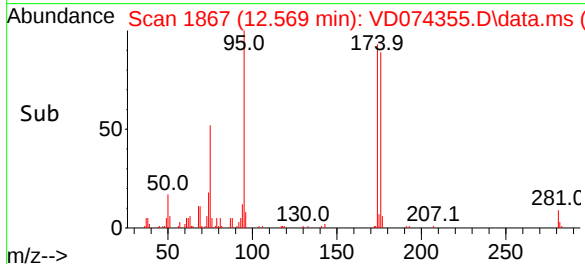
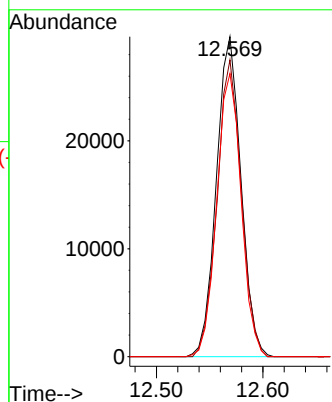
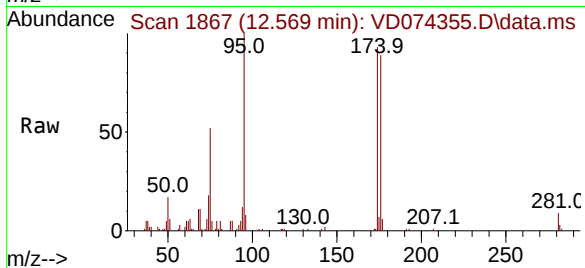




#62
4-Bromofluorobenzene
Concen: 31.751 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

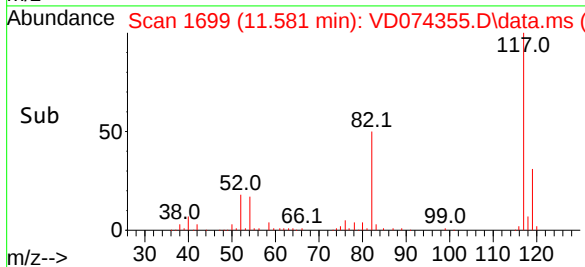
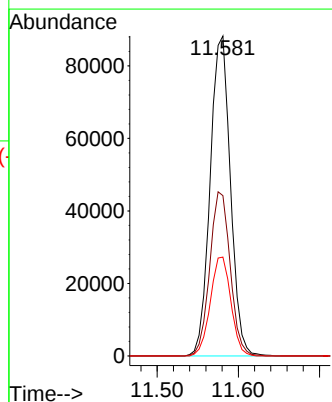
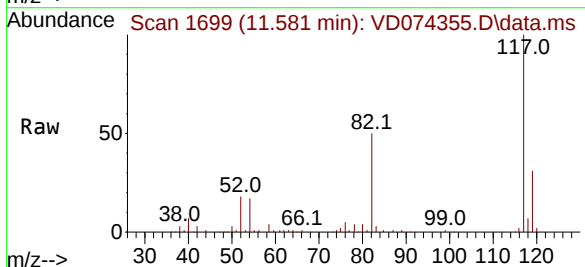
Instrument :
MSVOA_D
ClientSampleId :
SP-3

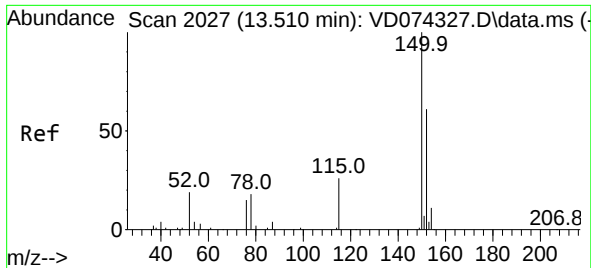
Tgt Ion: 95 Resp: 47532
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.2
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 117 Resp: 153003
Ion Ratio Lower Upper
117 100
82 50.1 44.2 66.2
119 30.9 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074355.D
 Acq: 19 Sep 2022 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Tgt Ion:152 Resp: 56413
 Ion Ratio Lower Upper
 152 100
 115 58.4 28.4 85.2
 150 160.6 0.0 351.0

