

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074491.D
 Acq On : 07 Oct 2022 15:24
 Operator : VA/SY
 Sample : N5014-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-0-2.0-DUP

Quant Time: Oct 08 02:24:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

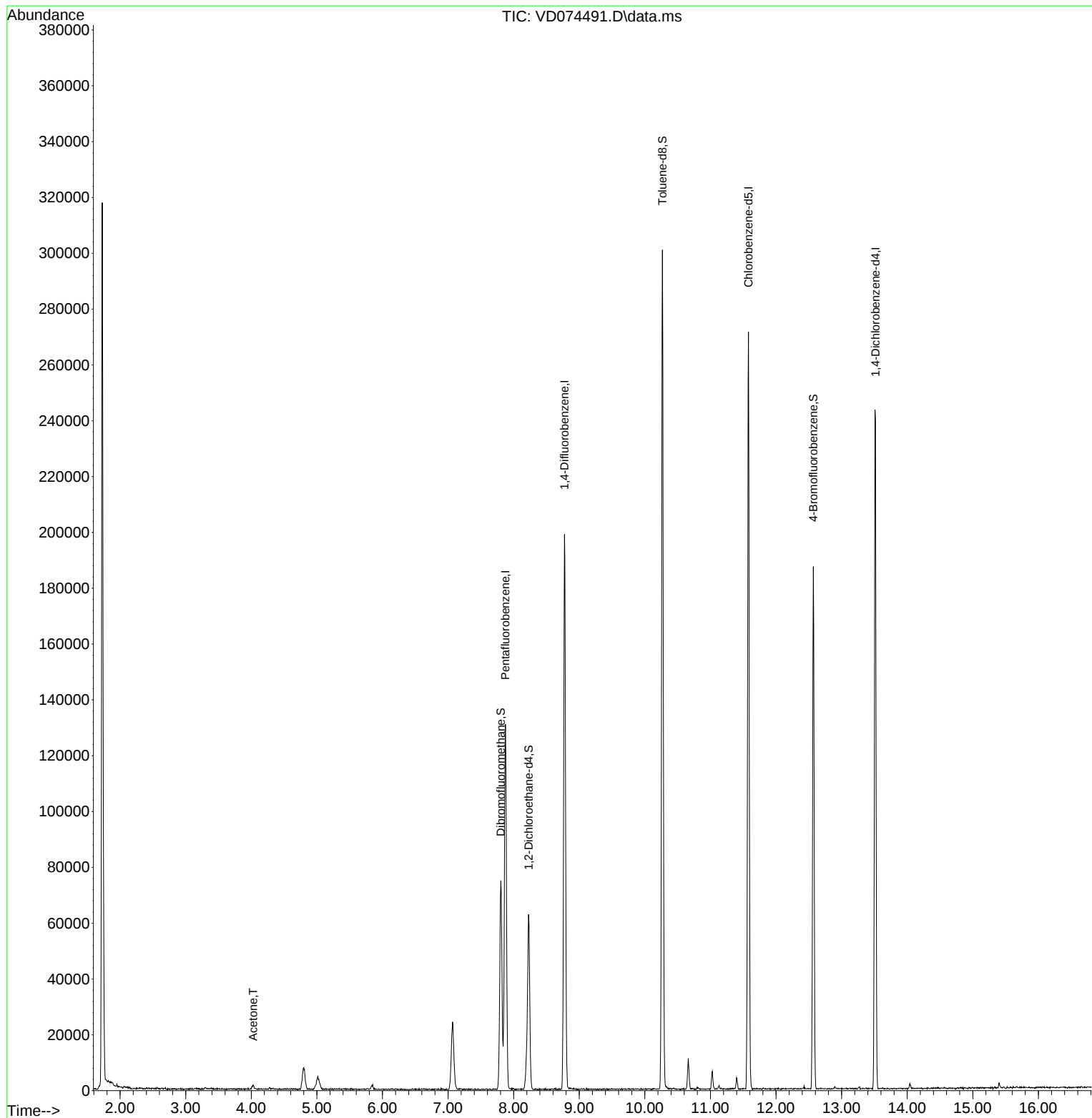
Internal Standards						
1) Pentafluorobenzene	7.875	168	104449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	188474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	167743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	70718	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	46516	50.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.804	113	55045	44.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.580%	
50) Toluene-d8	10.269	98	216248	47.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.440%	
62) 4-Bromofluorobenzene	12.569	95	54770	37.496	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.000%	
Target Compounds						
16) Acetone	4.028	43	2069	19.687	ug/l	Qvalue # 74

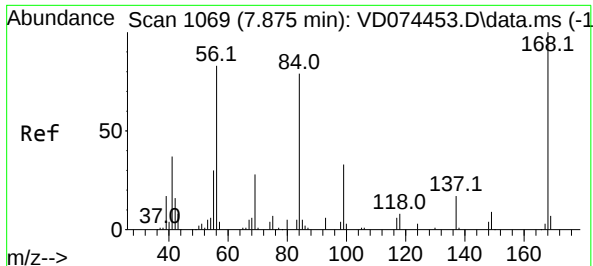
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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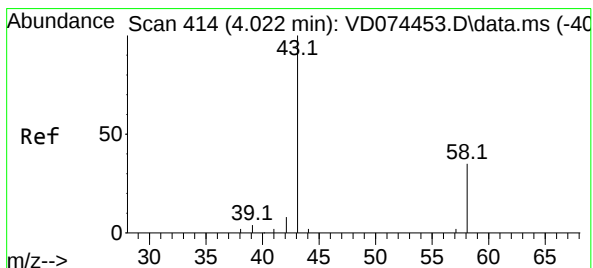
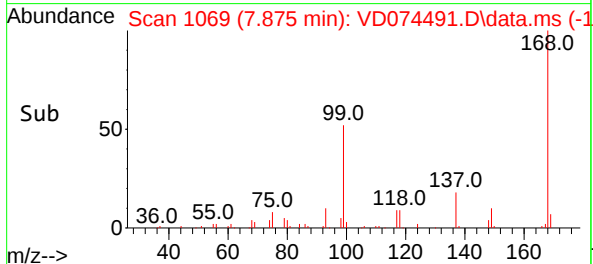
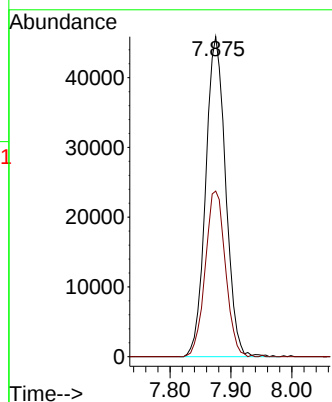
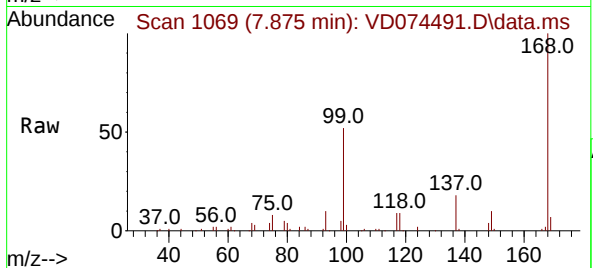




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

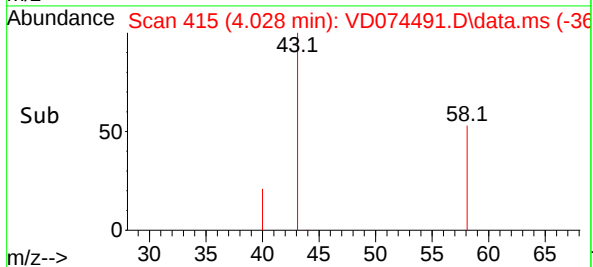
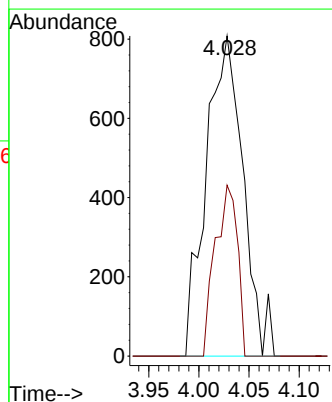
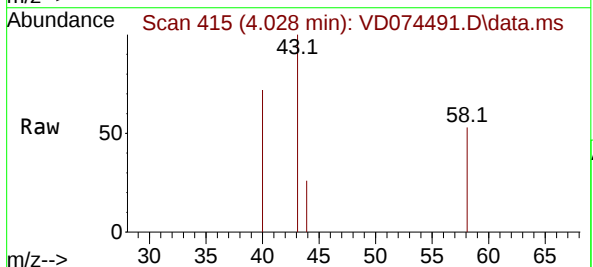
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0-DUP

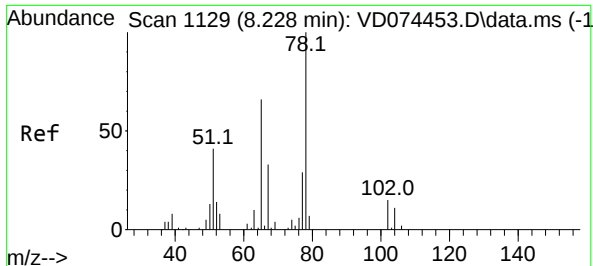
Tgt Ion:168 Resp: 104449
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#16
Acetone
Concen: 19.687 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 43 Resp: 2069
Ion Ratio Lower Upper
43 100
58 53.3 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 50.125 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074491.D

Acq: 07 Oct 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

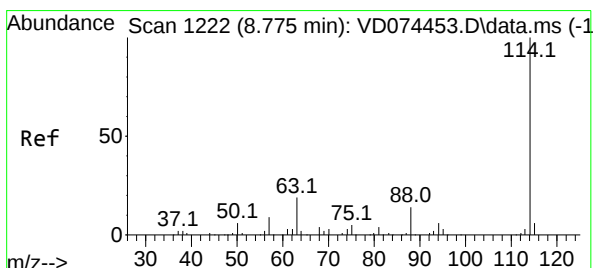
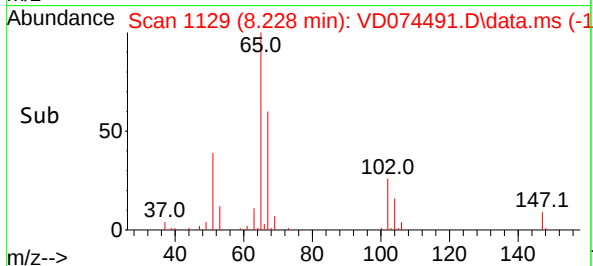
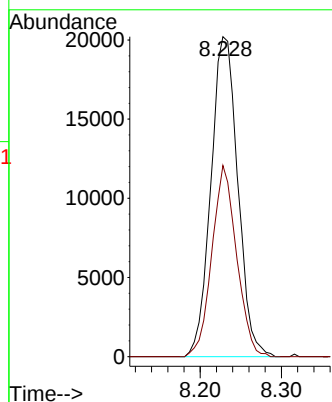
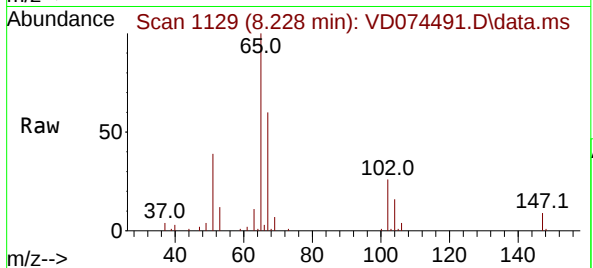
SB-10-0-2.0-DUP

Tgt Ion: 65 Resp: 46516

Ion Ratio Lower Upper

65 100

67 54.9 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: VD074491.D

Acq: 07 Oct 2022 15:24

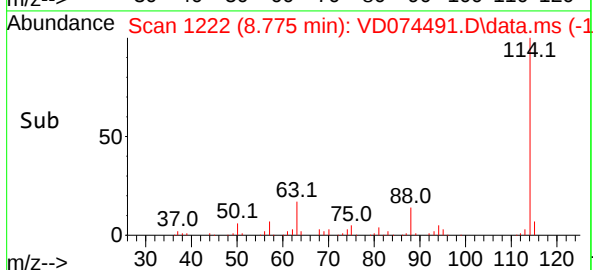
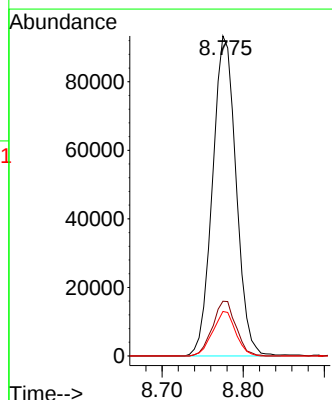
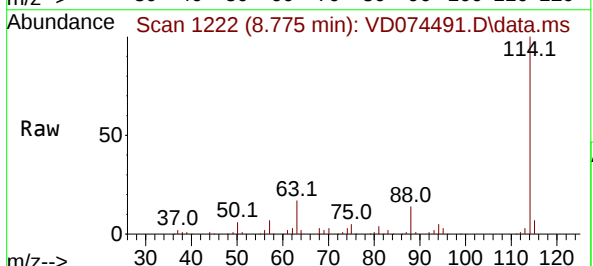
Tgt Ion: 114 Resp: 188474

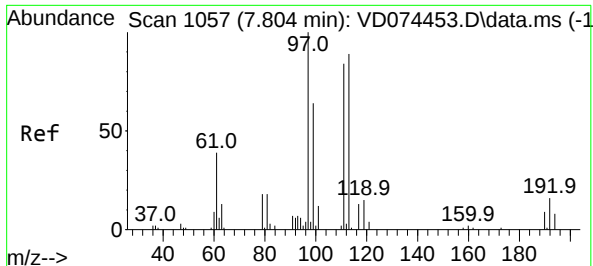
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 13.9 0.0 28.2

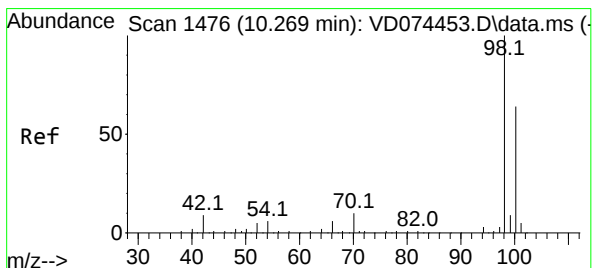
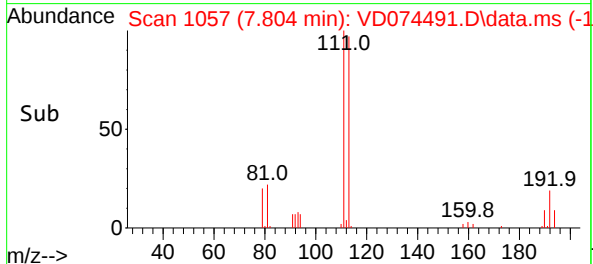
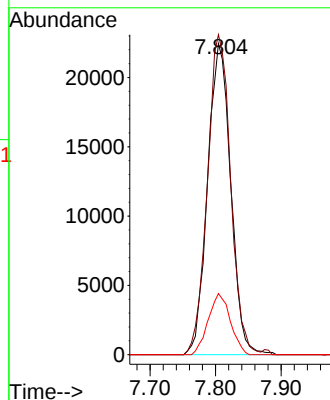
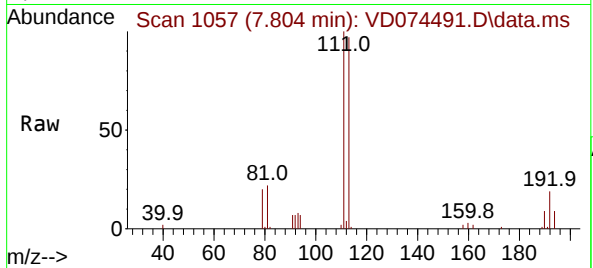




#35
Dibromofluoromethane
Concen: 44.290 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

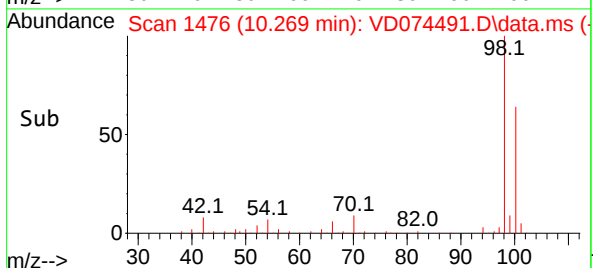
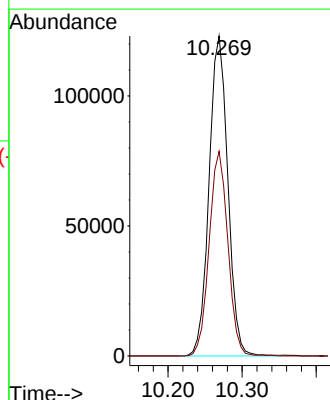
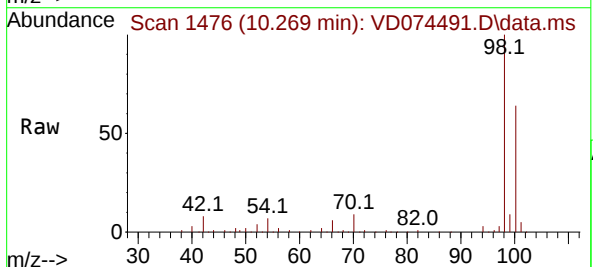
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0-DUP

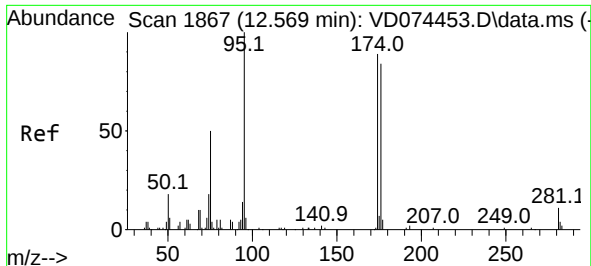
Tgt Ion:113 Resp: 55045
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 18.8 16.4 24.6



#50
Toluene-d8
Concen: 47.722 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 98 Resp: 216248
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0

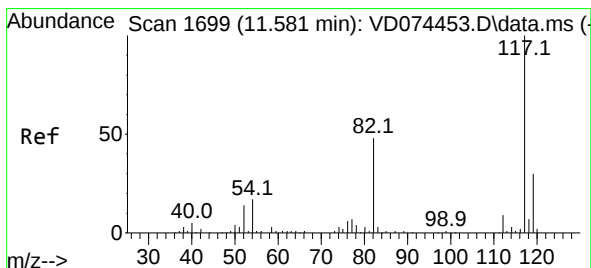
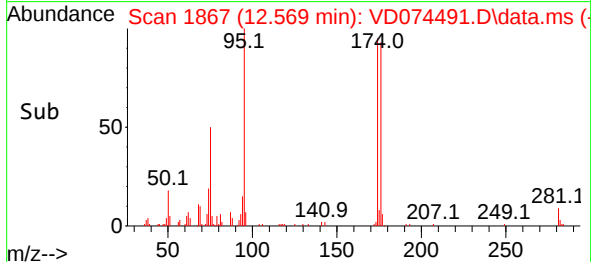
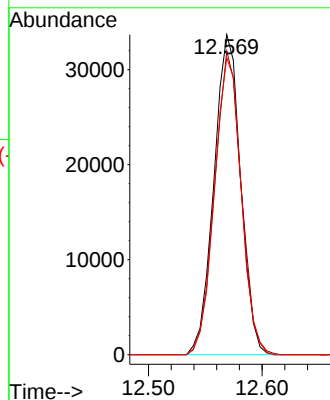
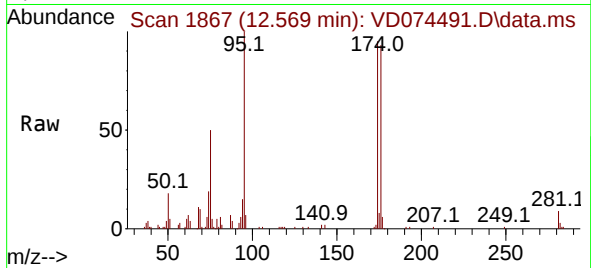




#62
4-Bromofluorobenzene
Concen: 37.496 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

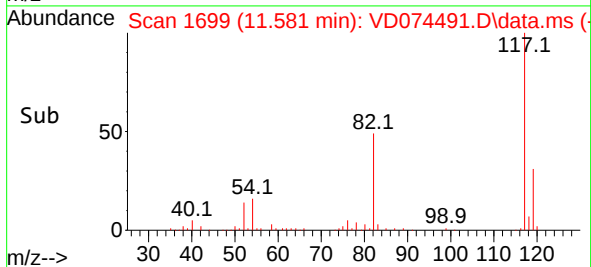
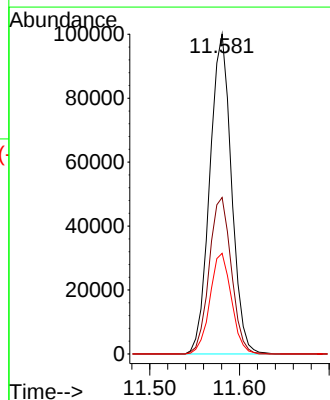
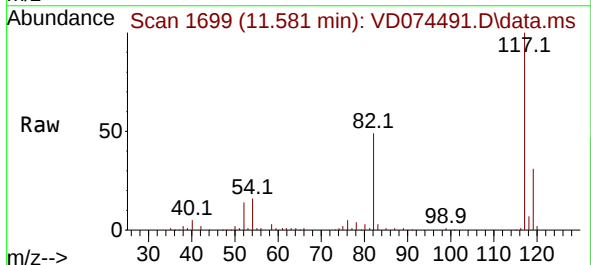
Instrument :
MSVOA_D
ClientSampleId :
SB-10-0-2.0-DUP

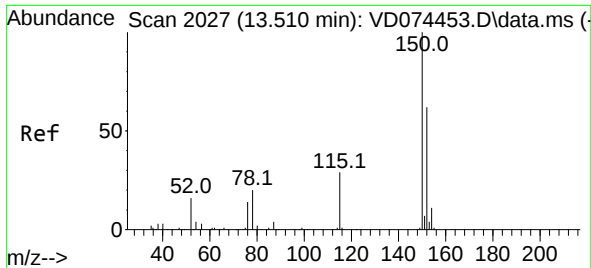
Tgt Ion: 95 Resp: 54770
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 93.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074491.D
Acq: 07 Oct 2022 15:24

Tgt Ion: 117 Resp: 167743
Ion Ratio Lower Upper
117 100
82 48.9 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. 0.006 min

Lab File: VD074491.D

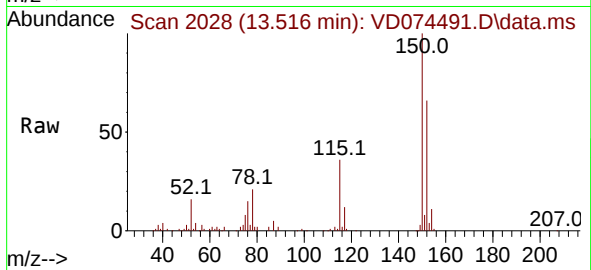
Acq: 07 Oct 2022 15:24

Instrument :

MSVOA_D

ClientSampleId :

SB-10-0-2.0-DUP



Tgt Ion:152 Resp: 70718

Ion Ratio Lower Upper

152 100

115 54.0 26.8 80.4

150 155.6 0.0 348.2

