

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074489.D
 Acq On : 07 Oct 2022 14:28
 Operator : VA/SY
 Sample : N5014-05
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-2.0-4.0

Quant Time: Oct 08 02:24:43 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)

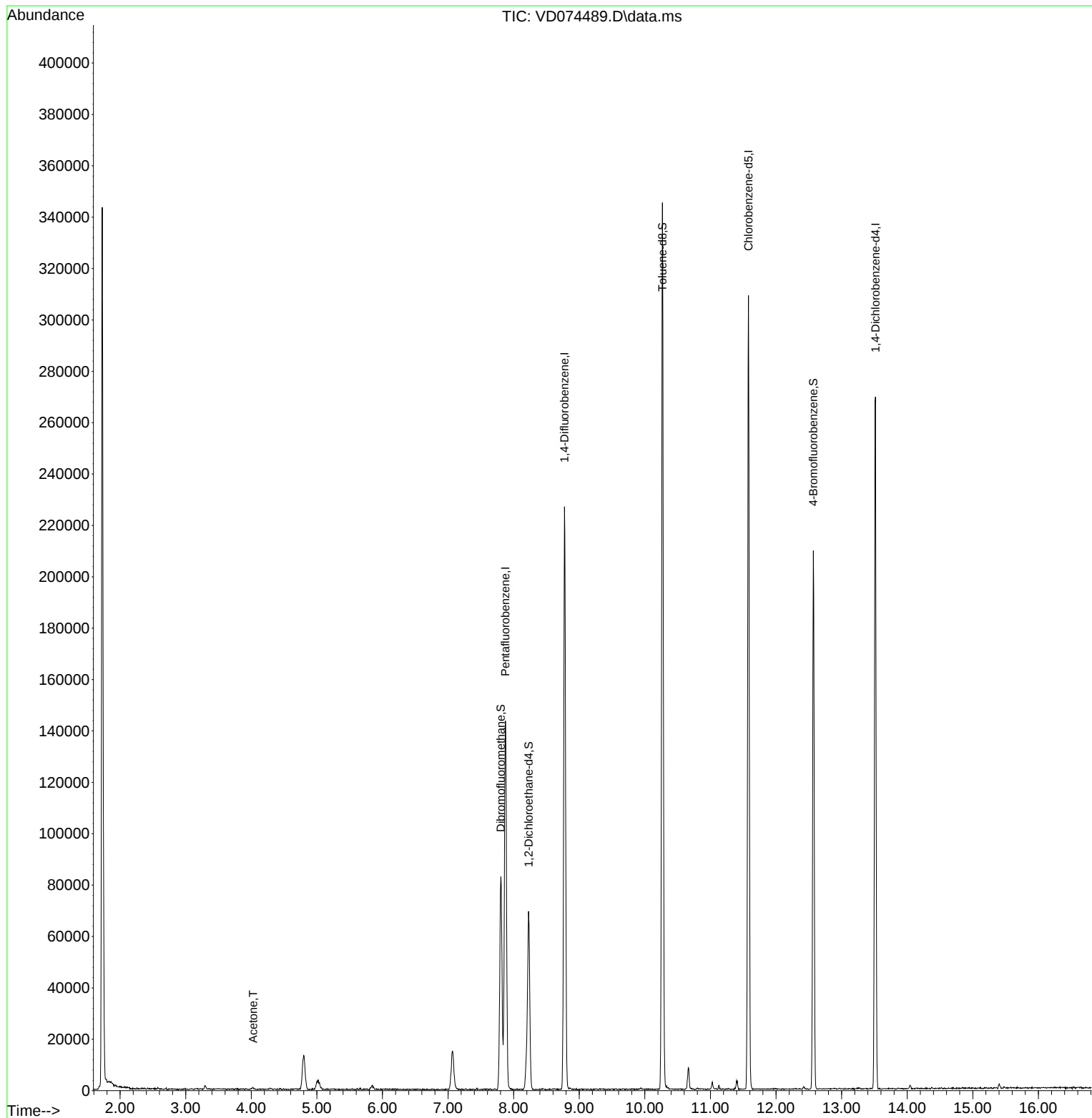
Internal Standards						
1) Pentafluorobenzene	7.875	168	118251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	188151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50946	48.491	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.804	113	60684	43.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.540%
50) Toluene-d8	10.269	98	246138	48.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.569	95	63499	38.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.440%
Target Compounds						
16) Acetone	4.028	43	1137	15.710	ug/l	Qvalue # 75

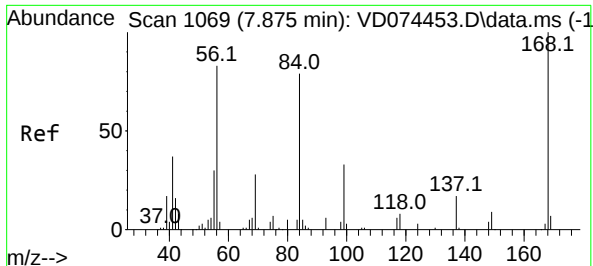
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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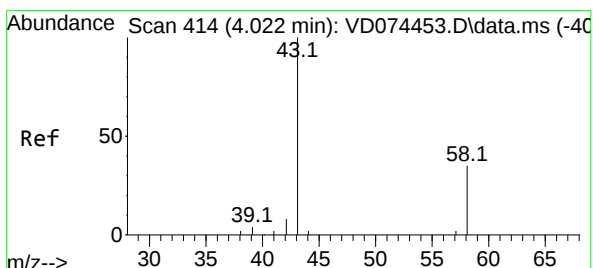
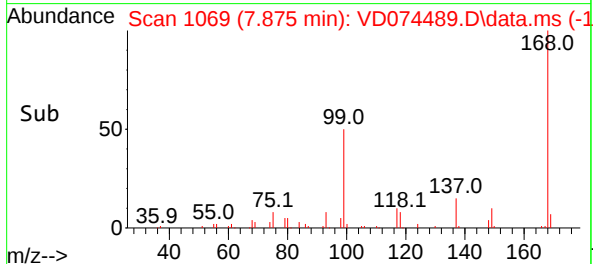
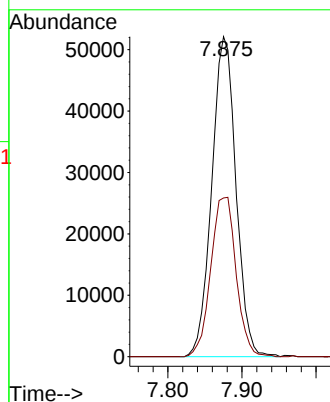
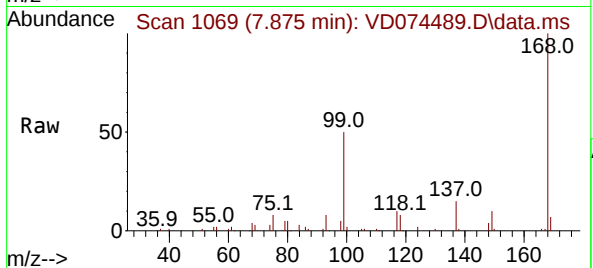




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

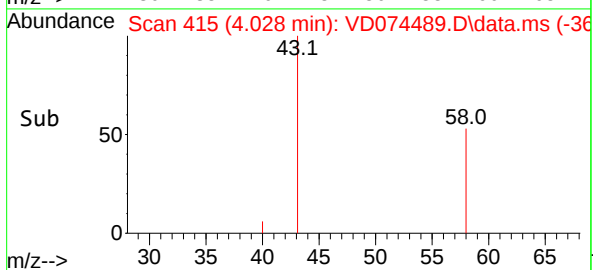
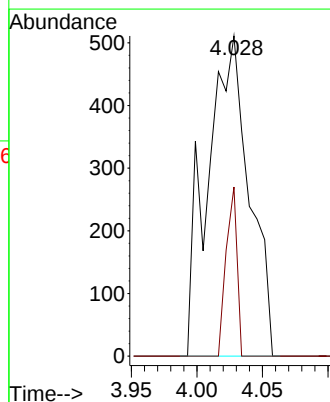
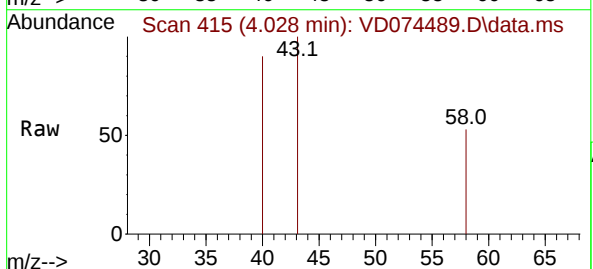
Instrument :
MSVOA_D
ClientSampleId :
SB-06-2.0-4.0

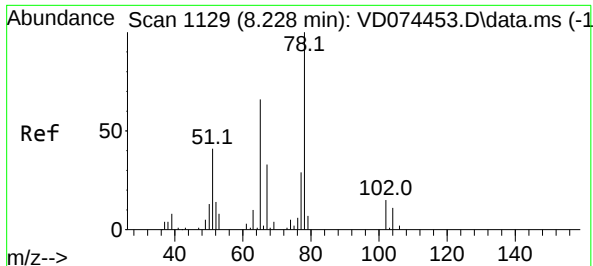
Tgt Ion:168 Resp: 118251
Ion Ratio Lower Upper
168 100
99 49.6 40.9 61.3



#16
Acetone
Concen: 15.710 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
58 52.8 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.491 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074489.D

Acq: 07 Oct 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

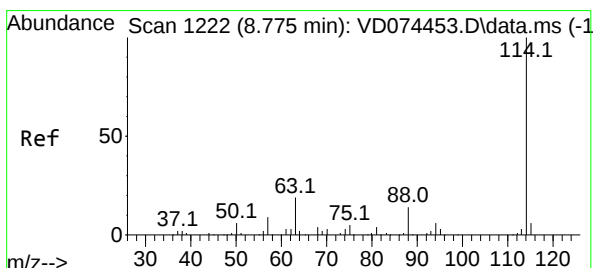
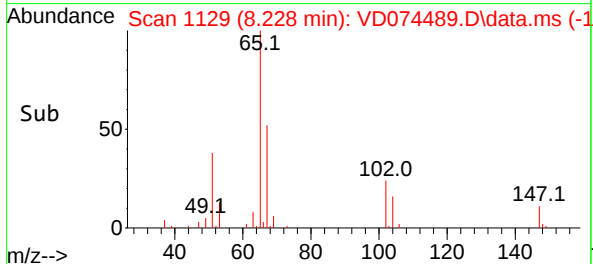
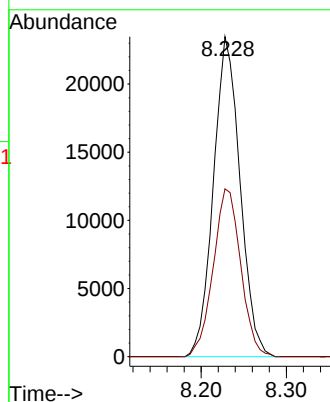
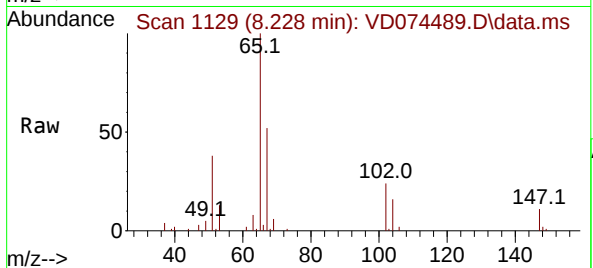
SB-06-2.0-4.0

Tgt Ion: 65 Resp: 50946

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: VD074489.D

Acq: 07 Oct 2022 14:28

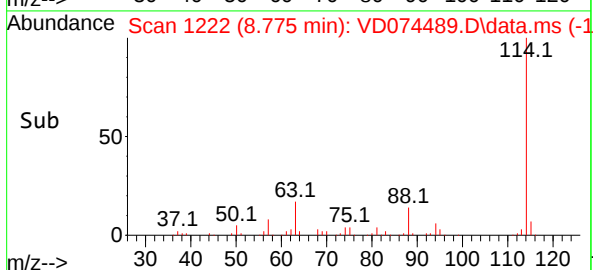
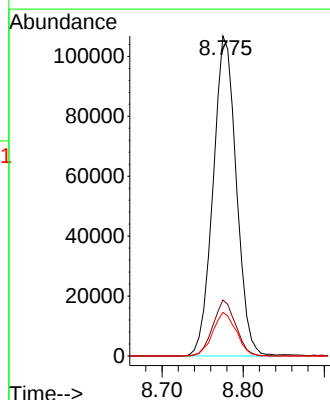
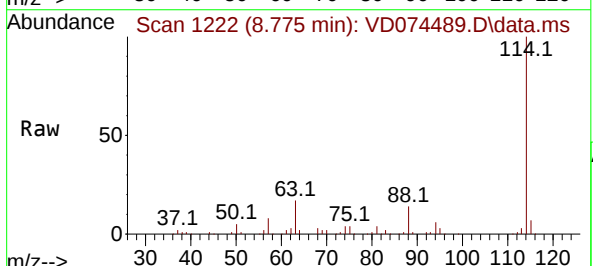
Tgt Ion: 114 Resp: 212683

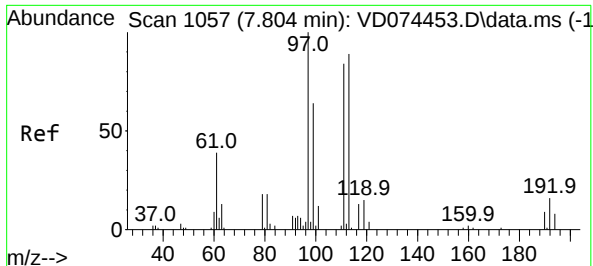
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.6 0.0 28.2





#35

Dibromofluoromethane

Concen: 43.270 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074489.D

Acq: 07 Oct 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

SB-06-2.0-4.0

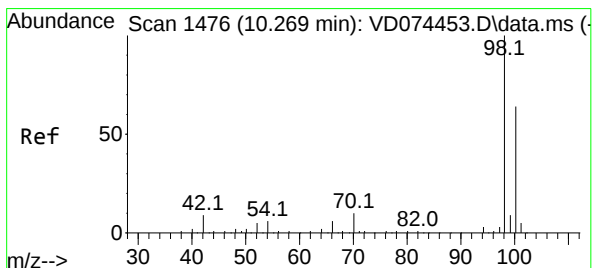
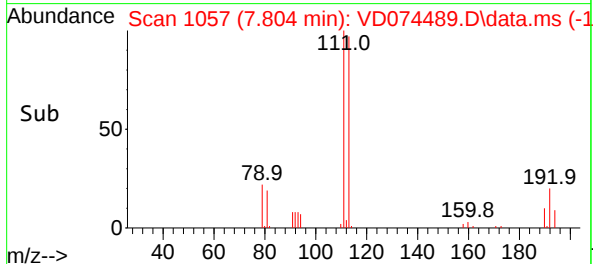
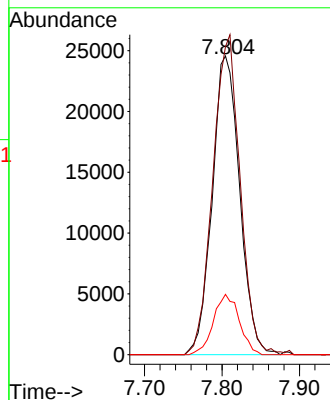
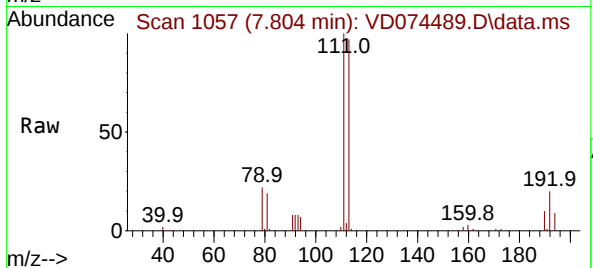
Tgt Ion:113 Resp: 60684

Ion Ratio Lower Upper

113 100

111 106.0 82.3 123.5

192 19.0 16.4 24.6



#50

Toluene-d8

Concen: 48.120 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074489.D

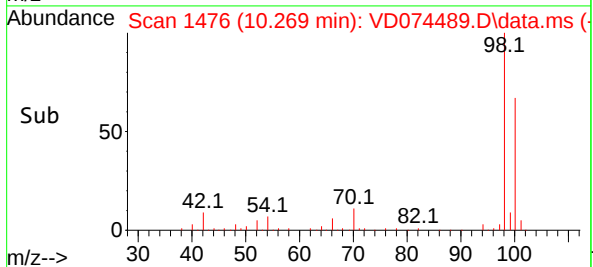
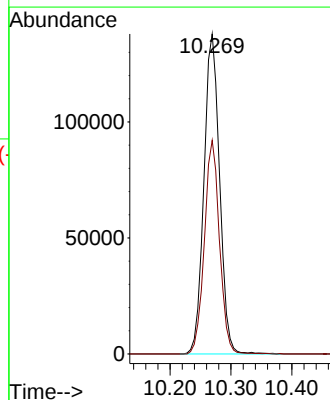
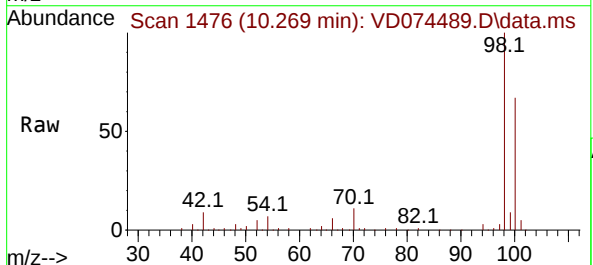
Acq: 07 Oct 2022 14:28

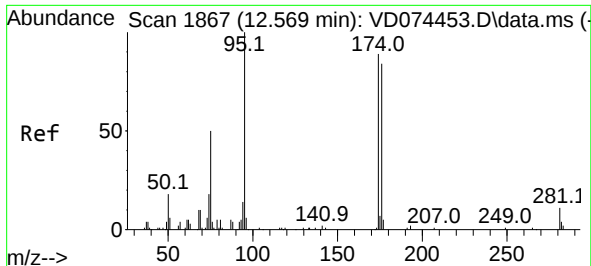
Tgt Ion: 98 Resp: 246138

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

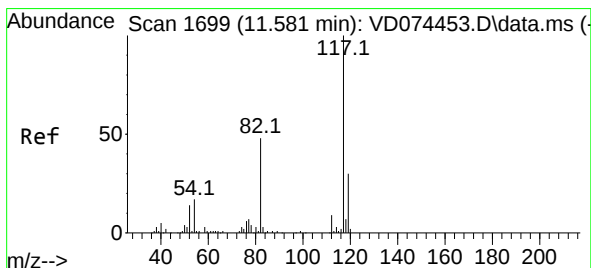
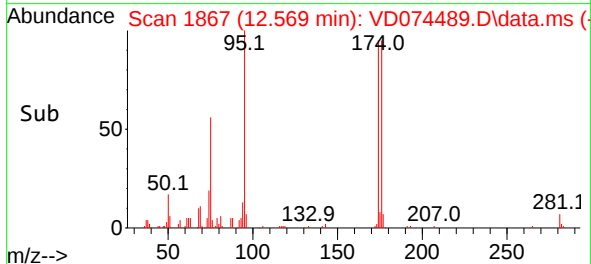
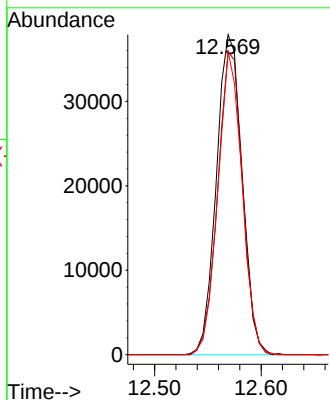
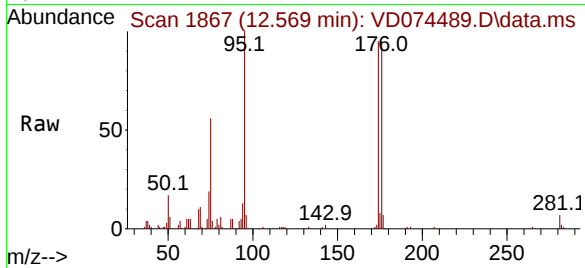




#62
4-Bromofluorobenzene
Concen: 38.718 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

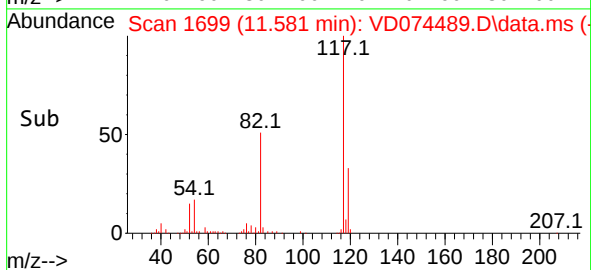
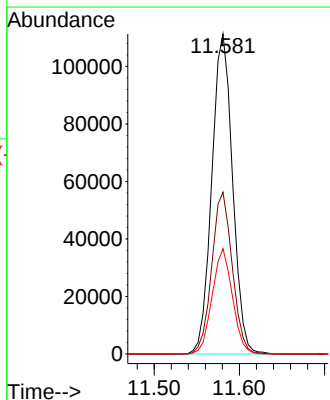
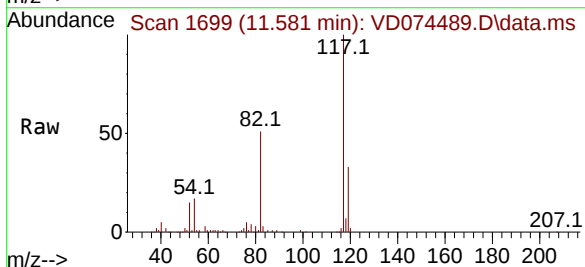
Instrument :
MSVOA_D
ClientSampleId :
SB-06-2.0-4.0

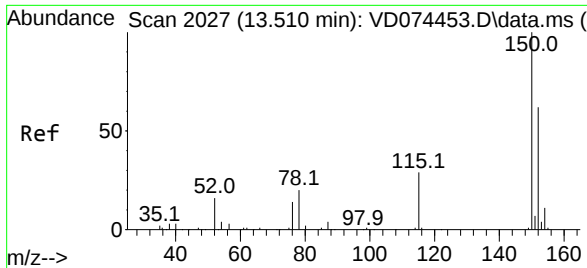
Tgt Ion: 95 Resp: 63499
Ion Ratio Lower Upper
95 100
174 92.2 0.0 197.0
176 89.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074489.D
Acq: 07 Oct 2022 14:28

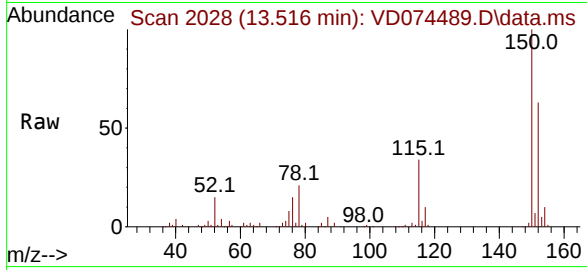
Tgt Ion: 117 Resp: 188151
Ion Ratio Lower Upper
117 100
82 50.6 41.6 62.4
119 32.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD074489.D
 Acq: 07 Oct 2022 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-2.0-4.0



Tgt Ion:	152	Resp:	76515
Ion	Ratio	Lower	Upper
152	100		
115	55.9	26.8	80.4
150	160.6	0.0	348.2

