

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074487.D
 Acq On : 07 Oct 2022 13:33
 Operator : VA/SY
 Sample : N5014-02
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0

Quant Time: Oct 08 02:24:28 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)

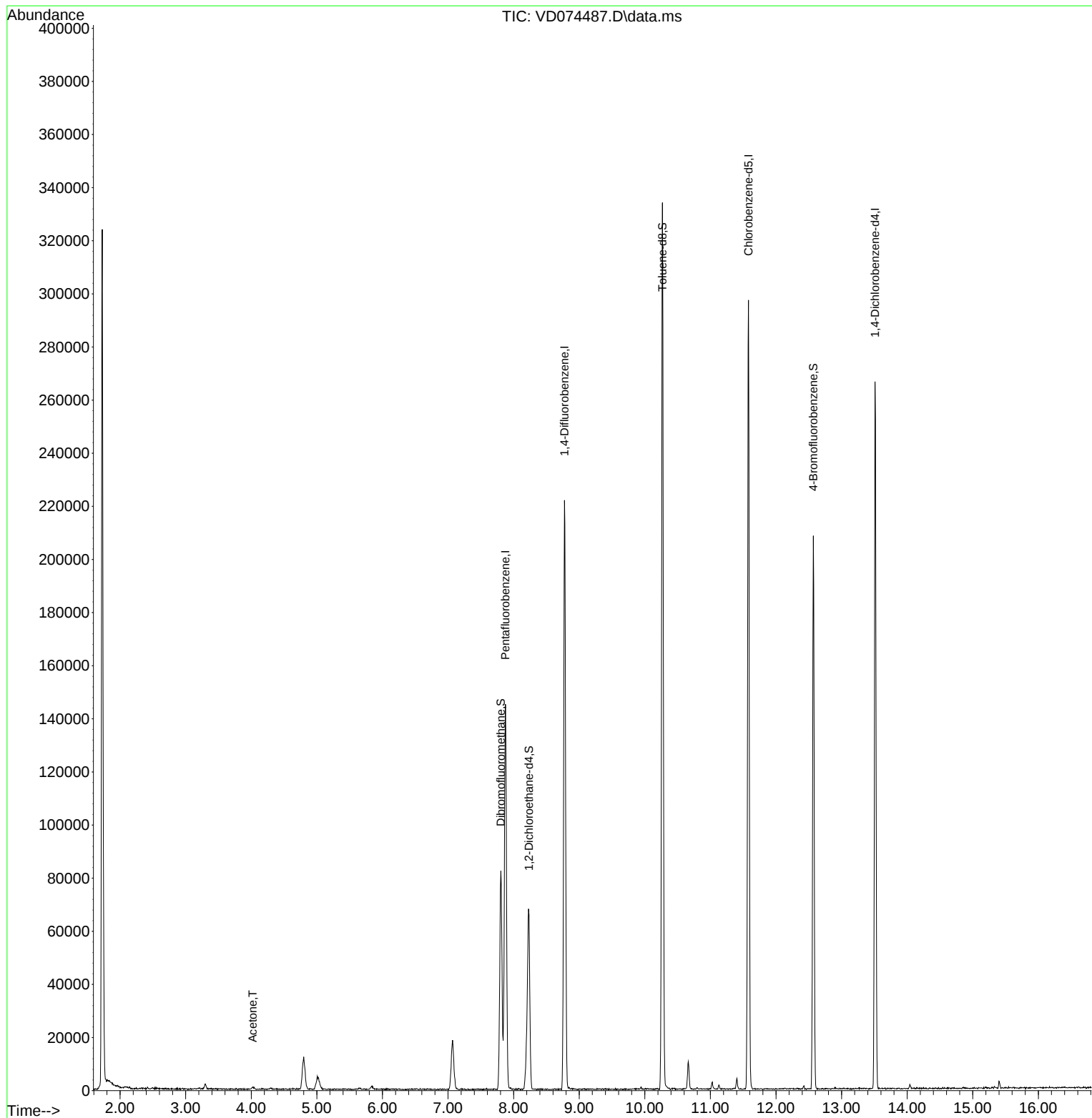
Internal Standards						
1) Pentafluorobenzene	7.875	168	116753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	210072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	182628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50183	48.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.805	113	61574	44.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.900%
50) Toluene-d8	10.269	98	242122	47.930	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.569	95	61958	38.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.320%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1297	16.292	ug/l #	80

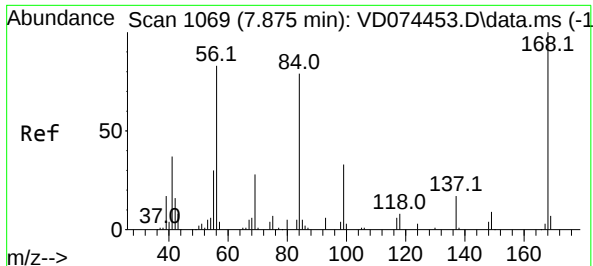
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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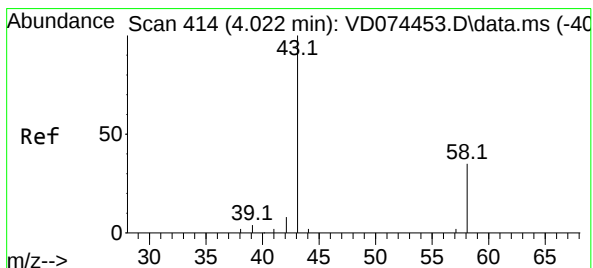
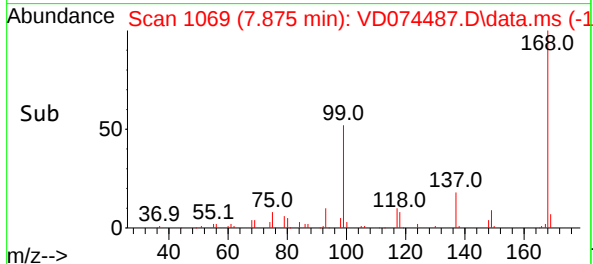
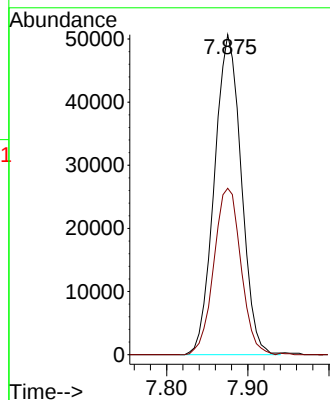
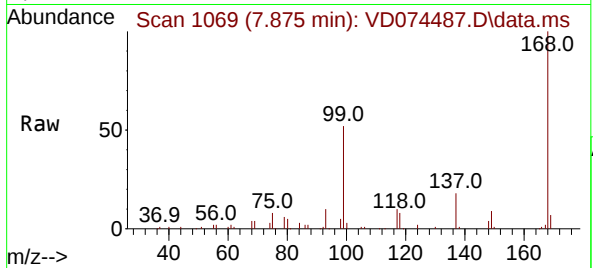




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074487.D
Acq: 07 Oct 2022 13:33

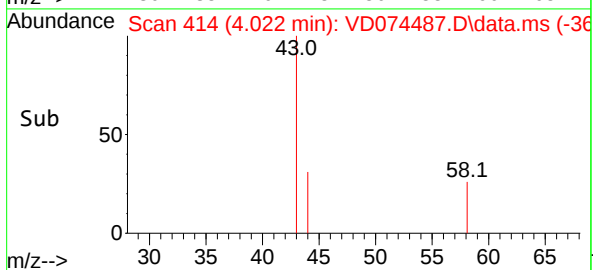
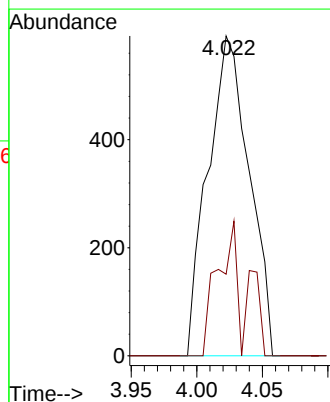
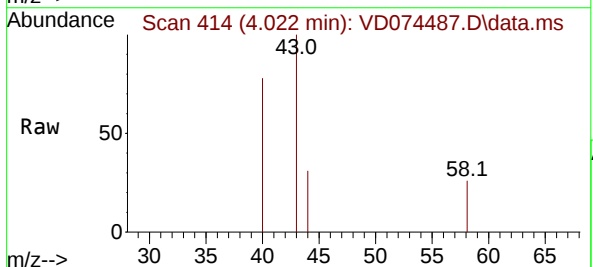
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0

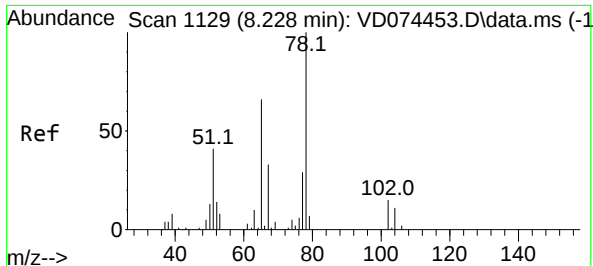
Tgt Ion:168 Resp: 116753
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#16
Acetone
Concen: 16.292 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074487.D
Acq: 07 Oct 2022 13:33

Tgt Ion: 43 Resp: 1297
Ion Ratio Lower Upper
43 100
58 25.5 30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 48.378 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074487.D

Acq: 07 Oct 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

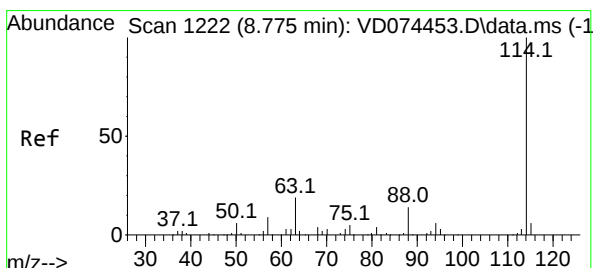
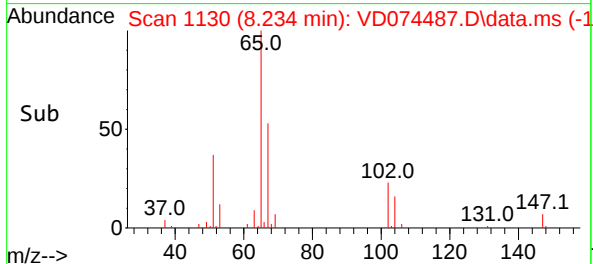
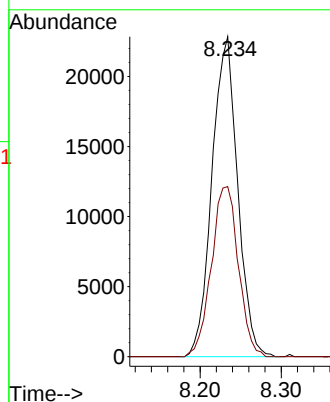
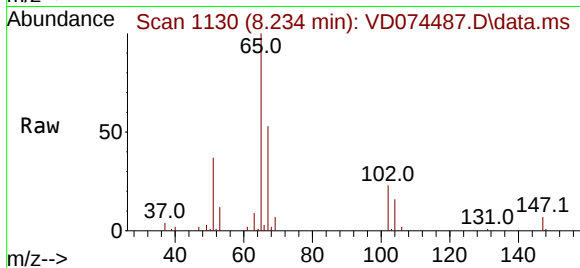
SB-05-0-2.0

Tgt Ion: 65 Resp: 50183

Ion Ratio Lower Upper

65 100

67 55.9 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: VD074487.D

Acq: 07 Oct 2022 13:33

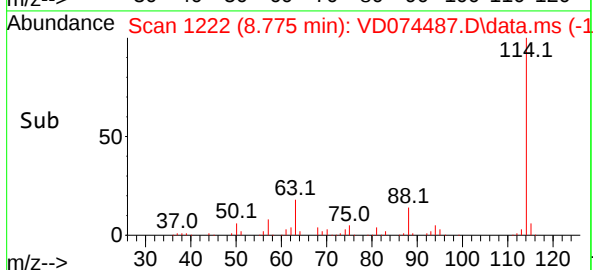
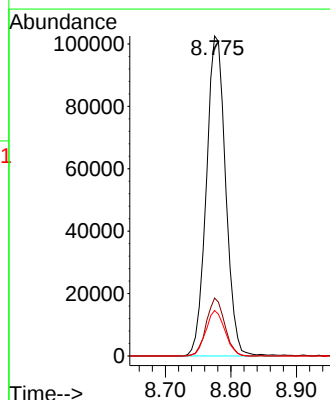
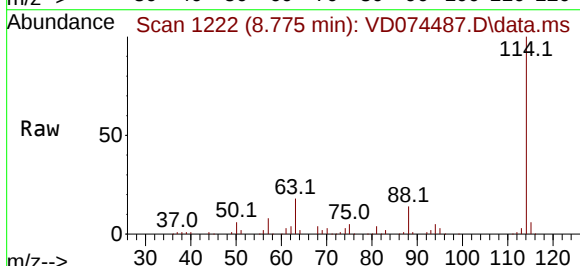
Tgt Ion: 114 Resp: 210072

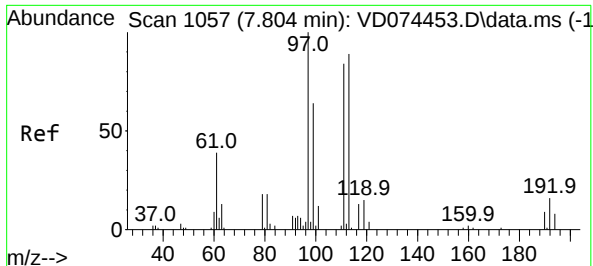
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.2

88 14.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 44.450 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074487.D

Acq: 07 Oct 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

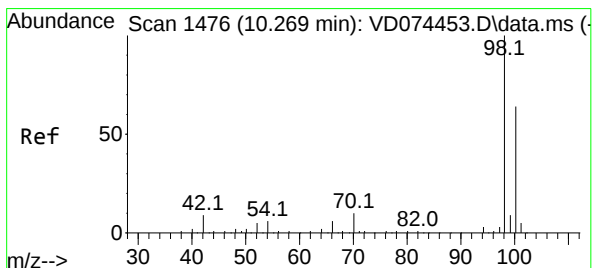
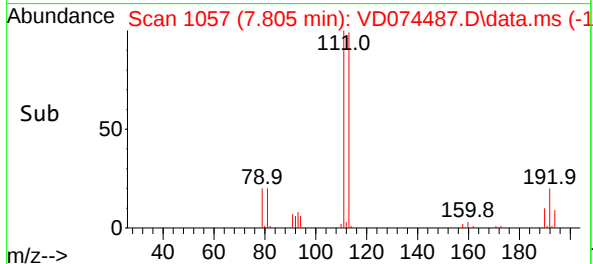
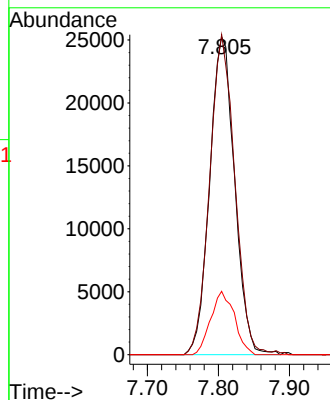
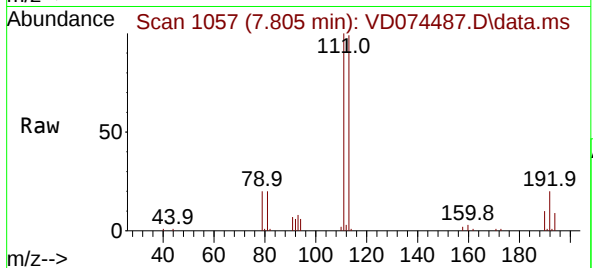
Tgt Ion:113 Resp: 61574

Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 19.0 16.4 24.6



#50

Toluene-d8

Concen: 47.930 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074487.D

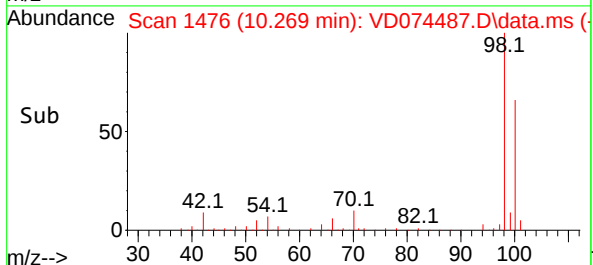
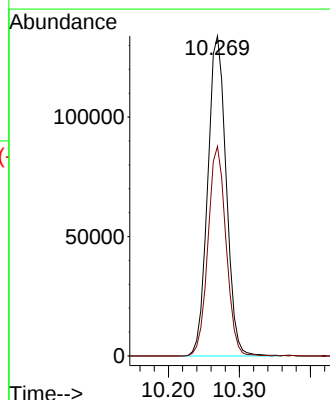
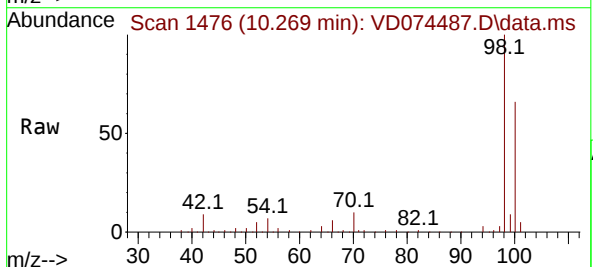
Acq: 07 Oct 2022 13:33

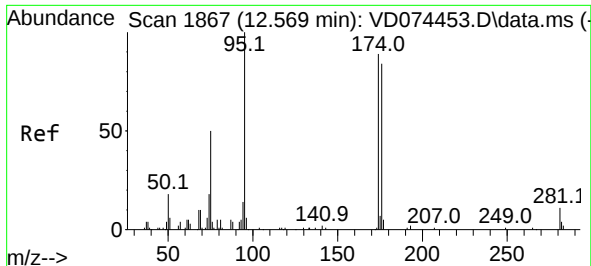
Tgt Ion: 98 Resp: 242122

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 38.162 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074487.D

Acq: 07 Oct 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0

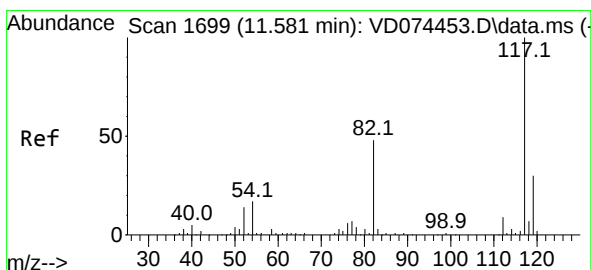
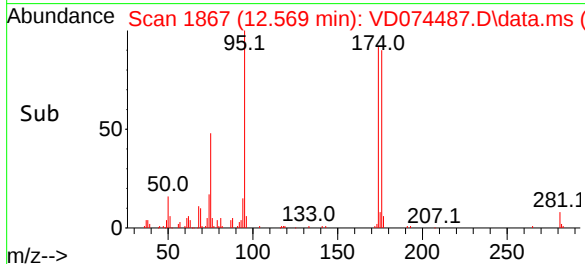
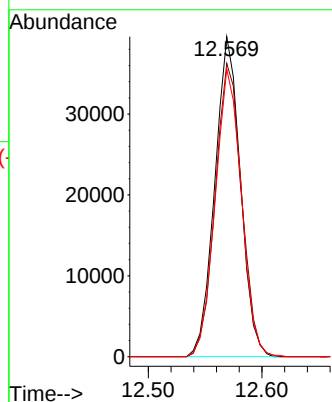
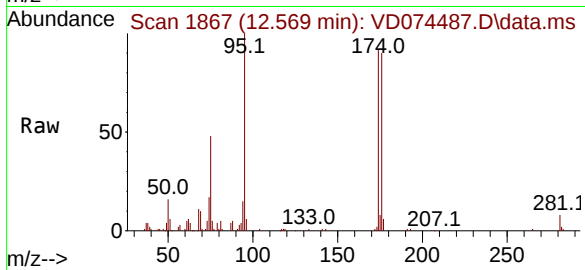
Tgt Ion: 95 Resp: 61958

Ion Ratio Lower Upper

95 100

174 94.4 0.0 197.0

176 92.0 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: VD074487.D

Acq: 07 Oct 2022 13:33

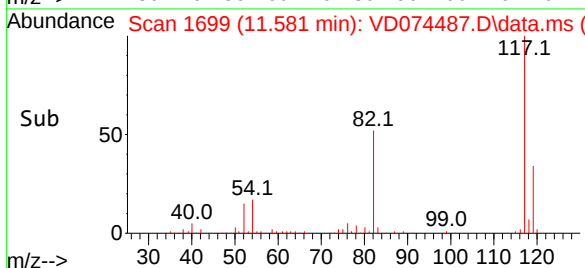
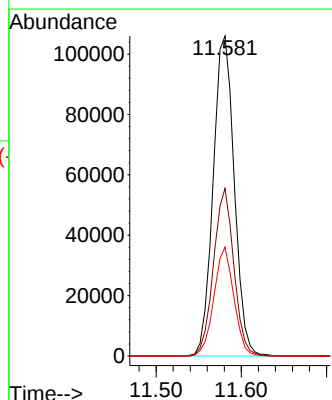
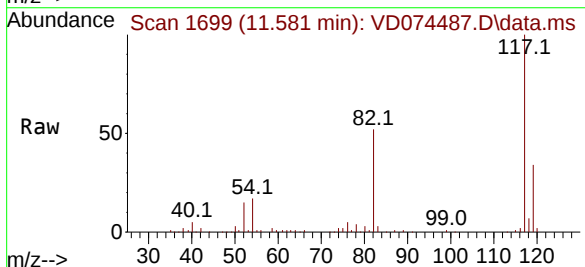
Tgt Ion: 117 Resp: 182628

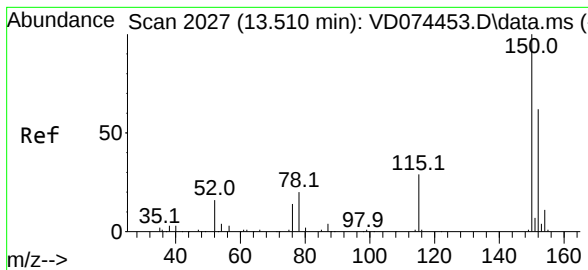
Ion Ratio Lower Upper

117 100

82 52.4 41.6 62.4

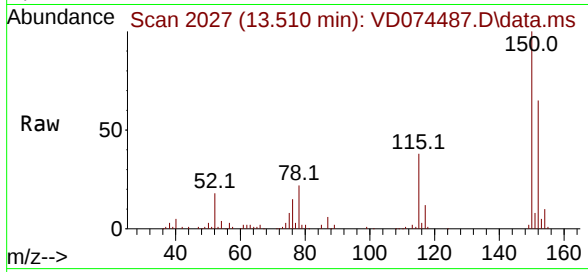
119 34.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074487.D
 Acq: 07 Oct 2022 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0



Tgt Ion:152 Resp: 75424
 Ion Ratio Lower Upper
 152 100
 115 55.7 26.8 80.4
 150 156.3 0.0 348.2

