

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074778.D
 Acq On : 08 Nov 2022 00:29
 Operator : VA/SY
 Sample : N5415-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-15

Quant Time: Nov 08 02:58:59 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)

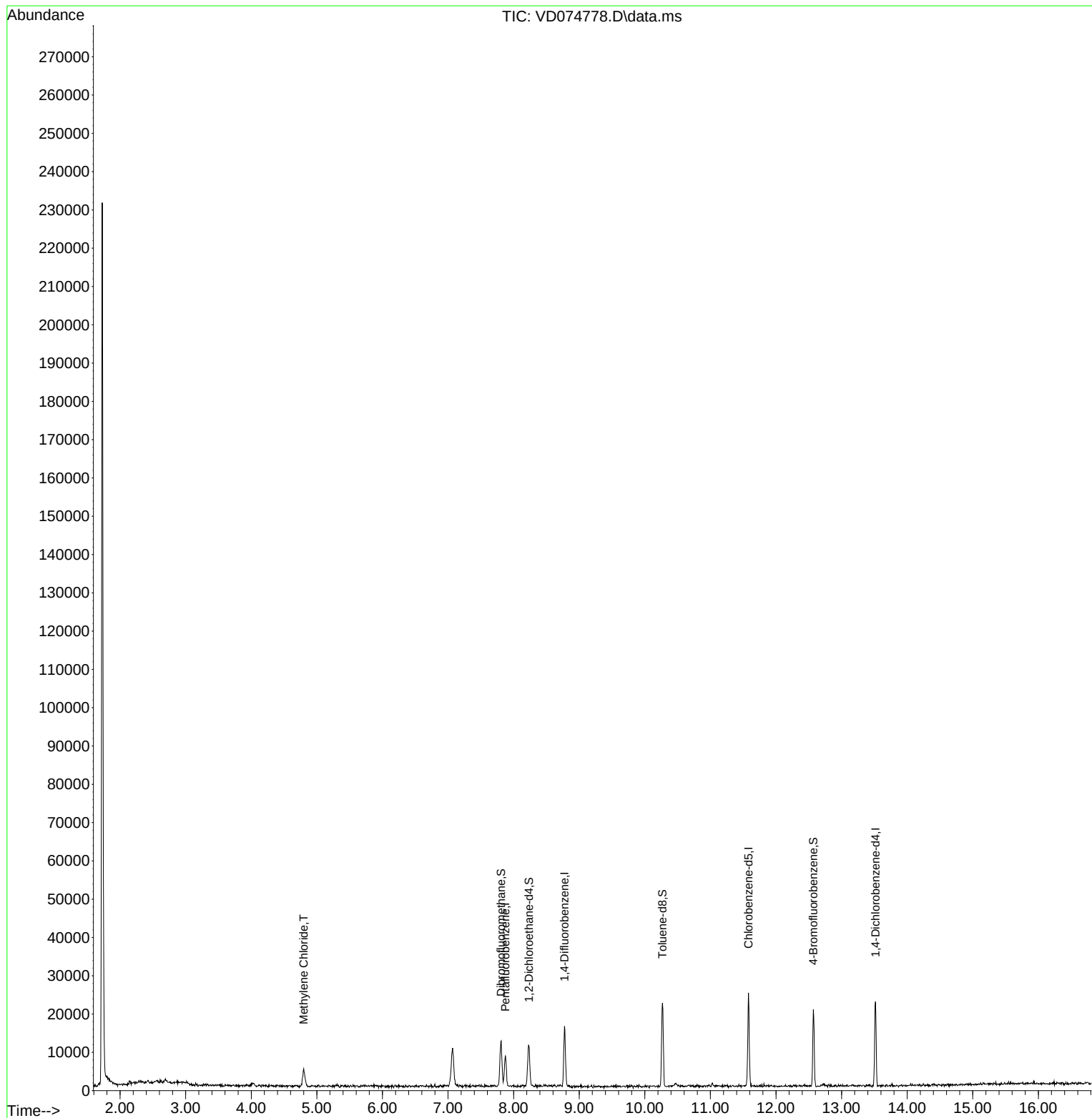
Internal Standards						
1) Pentafluorobenzene	7.875	168	7671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9309	153.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	306.440%#
35) Dibromofluoromethane	7.811	113	8555	89.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	179.020%#
50) Toluene-d8	10.269	98	17703	50.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.569	95	6634	65.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.800%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.799	84	3388	26.026	ug/l #	76

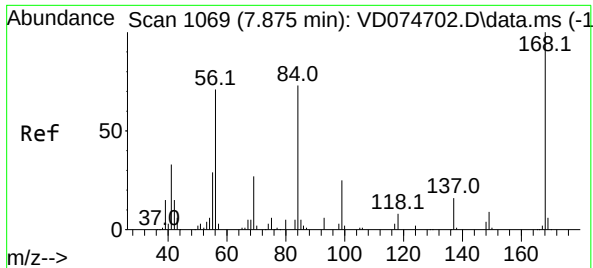
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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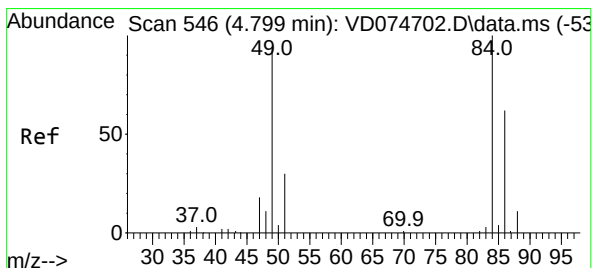
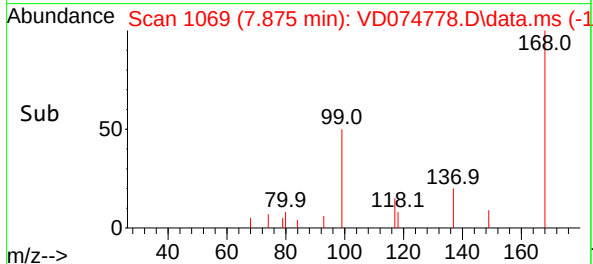
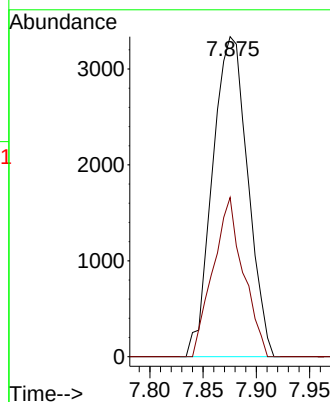
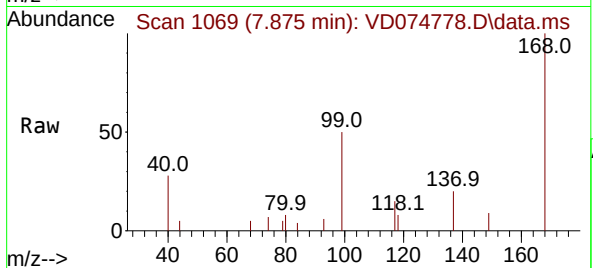




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074778.D
Acq: 08 Nov 2022 00:29

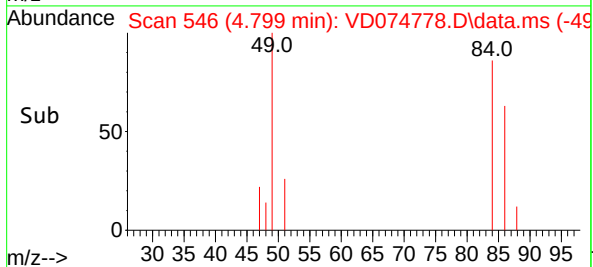
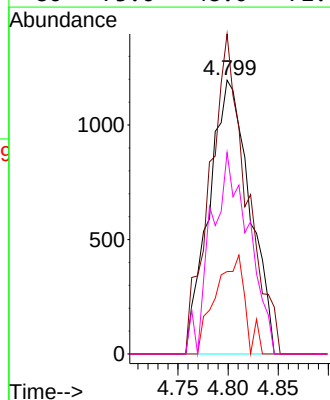
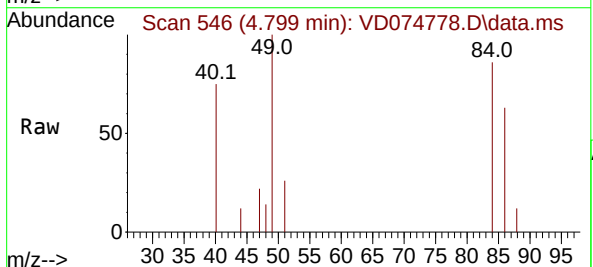
Instrument :
MSVOA_D
ClientSampleId :
R-15

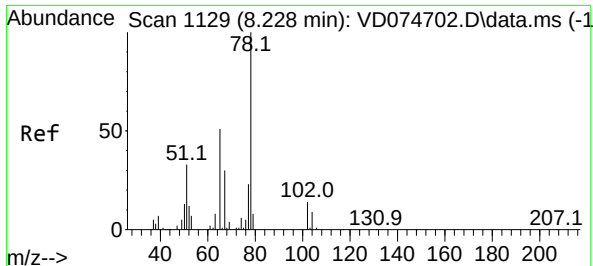
Tgt Ion:168 Resp: 7671
Ion Ratio Lower Upper
168 100
99 49.7 40.9 61.3



#20
Methylene Chloride
Concen: 26.026 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074778.D
Acq: 08 Nov 2022 00:29

Tgt Ion: 84 Resp: 3388
Ion Ratio Lower Upper
84 100
49 116.9 68.0 102.0#
51 30.1 23.2 34.8
86 73.6 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 153.220 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074778.D

Acq: 08 Nov 2022 00:29

Instrument :

MSVOA_D

ClientSampleId :

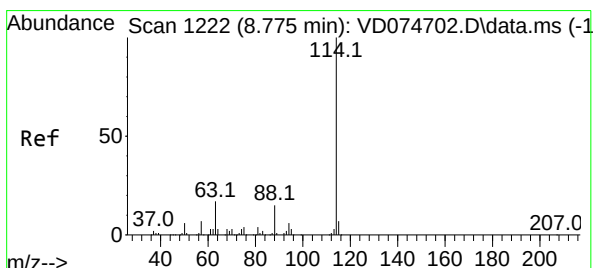
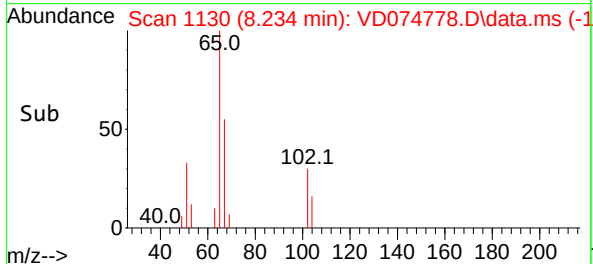
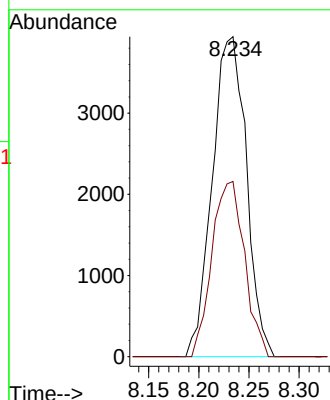
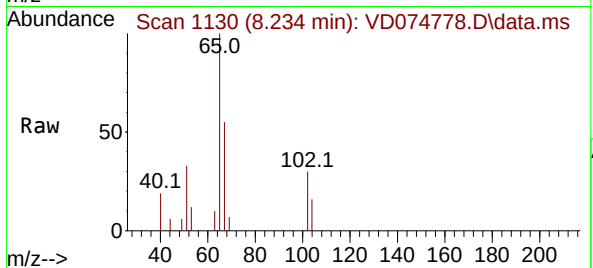
R-15

Tgt Ion: 65 Resp: 9309

Ion Ratio Lower Upper

65 100

67 52.4 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: VD074778.D

Acq: 08 Nov 2022 00:29

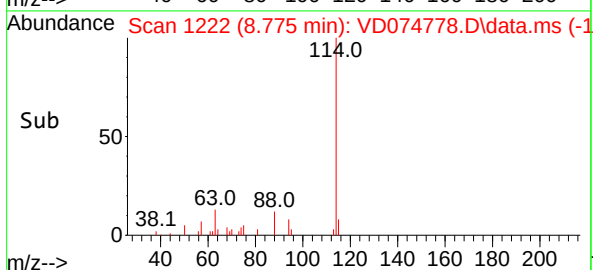
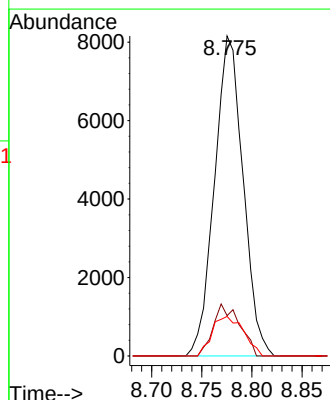
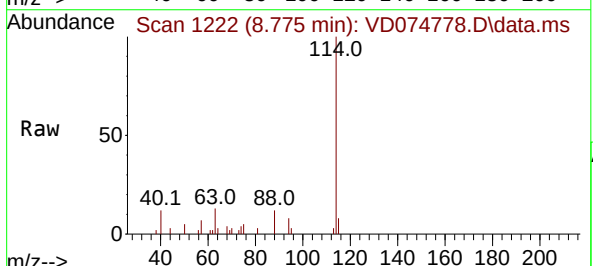
Tgt Ion: 114 Resp: 16157

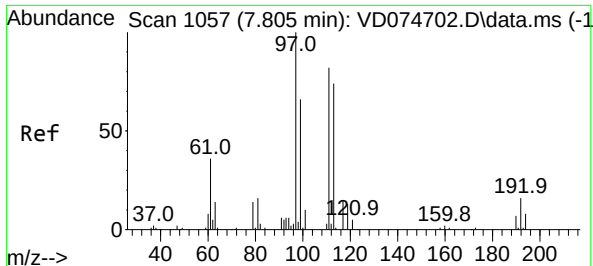
Ion Ratio Lower Upper

114 100

63 12.6 0.0 33.2

88 12.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 89.511 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074778.D

Acq: 08 Nov 2022 00:29

Instrument :

MSVOA_D

ClientSampleId :

R-15

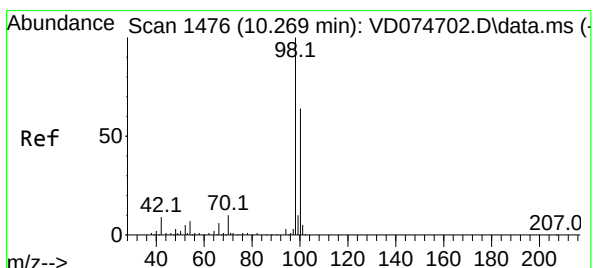
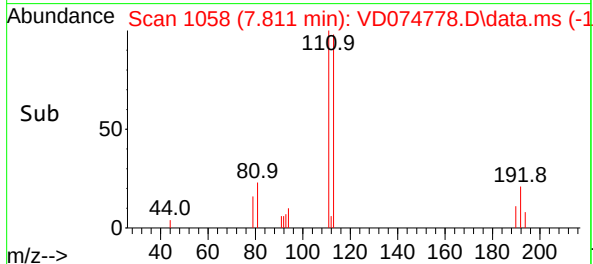
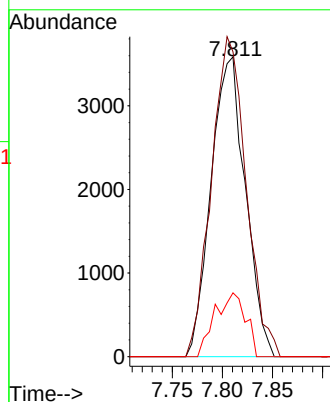
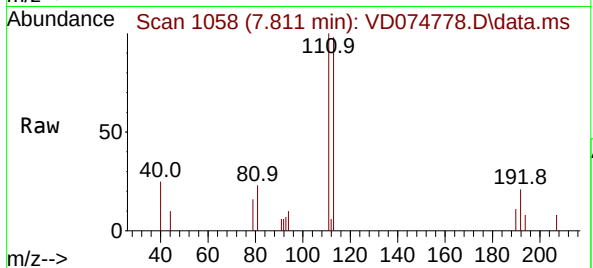
Tgt Ion:113 Resp: 8555

Ion Ratio Lower Upper

113 100

111 107.8 82.3 123.5

192 19.0 16.4 24.6



#50

Toluene-d8

Concen: 50.779 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074778.D

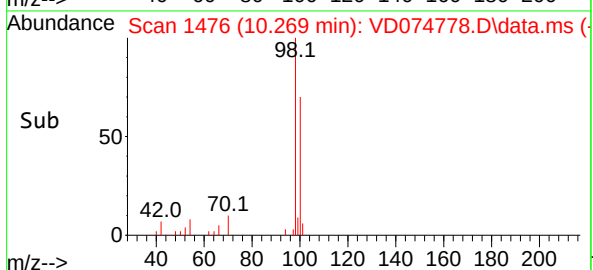
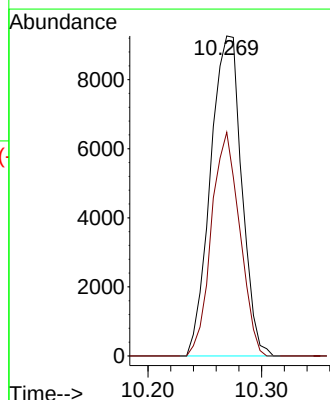
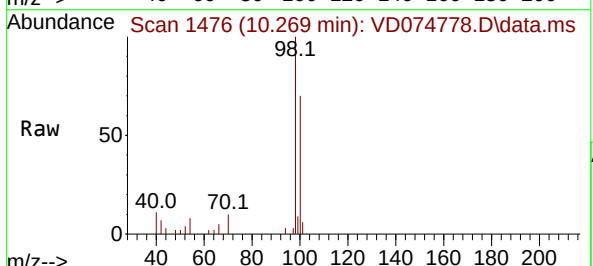
Acq: 08 Nov 2022 00:29

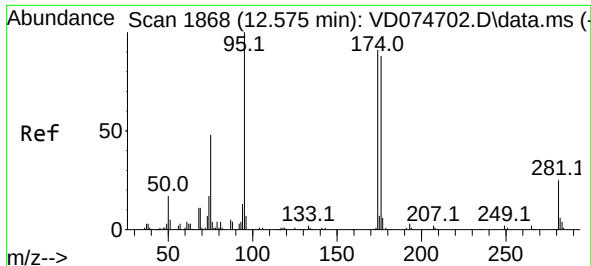
Tgt Ion: 98 Resp: 17703

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0

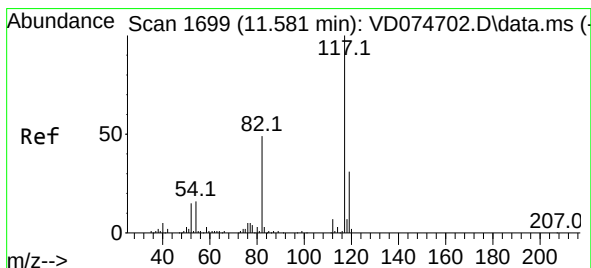
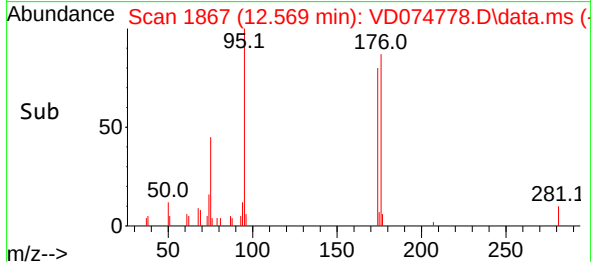
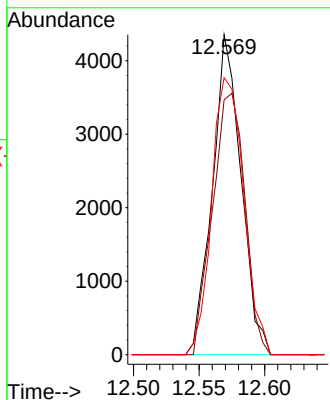
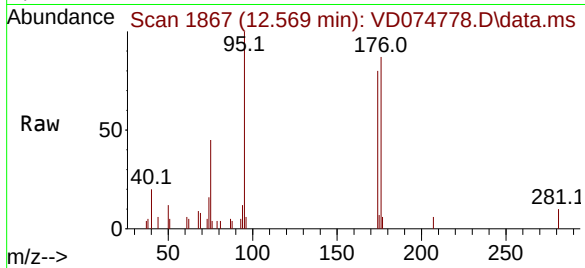




#62
4-Bromofluorobenzene
Concen: 65.905 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074778.D
Acq: 08 Nov 2022 00:29

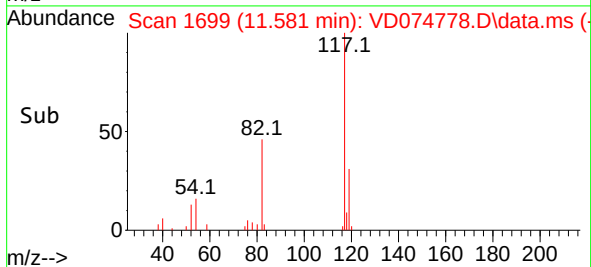
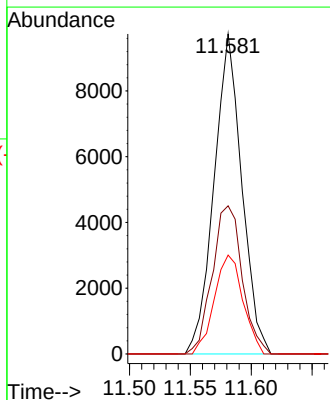
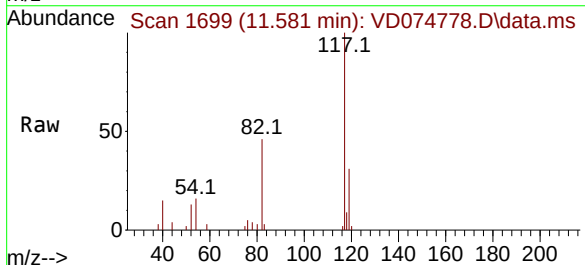
Instrument :
MSVOA_D
ClientSampleId :
R-15

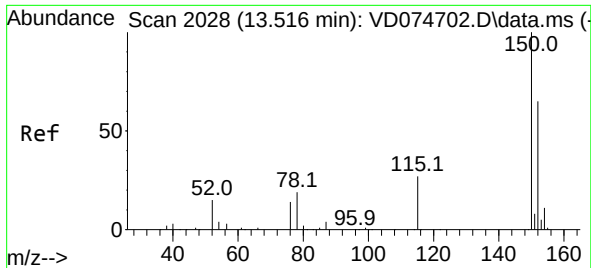
Tgt Ion:	95	Resp:	6634
Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	197.0
176	96.7	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074778.D
Acq: 08 Nov 2022 00:29

Tgt Ion:	117	Resp:	15409
Ion	Ratio	Lower	Upper
117	100		
82	46.3	41.6	62.4
119	30.9	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD074778.D

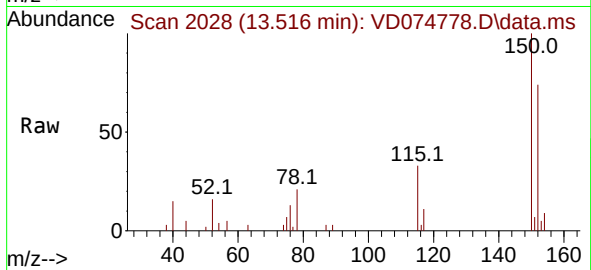
Acq: 08 Nov 2022 00:29

Instrument :

MSVOA_D

ClientSampleId :

R-15



Tgt Ion:152 Resp: 7469

Ion Ratio Lower Upper

152 100

115 53.6 26.8 80.4

150 148.9 0.0 348.2

