

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074788.D
 Acq On : 08 Nov 2022 05:06
 Operator : VA/SY
 Sample : N5415-12
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-25

Quant Time: Nov 08 05:25:38 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)

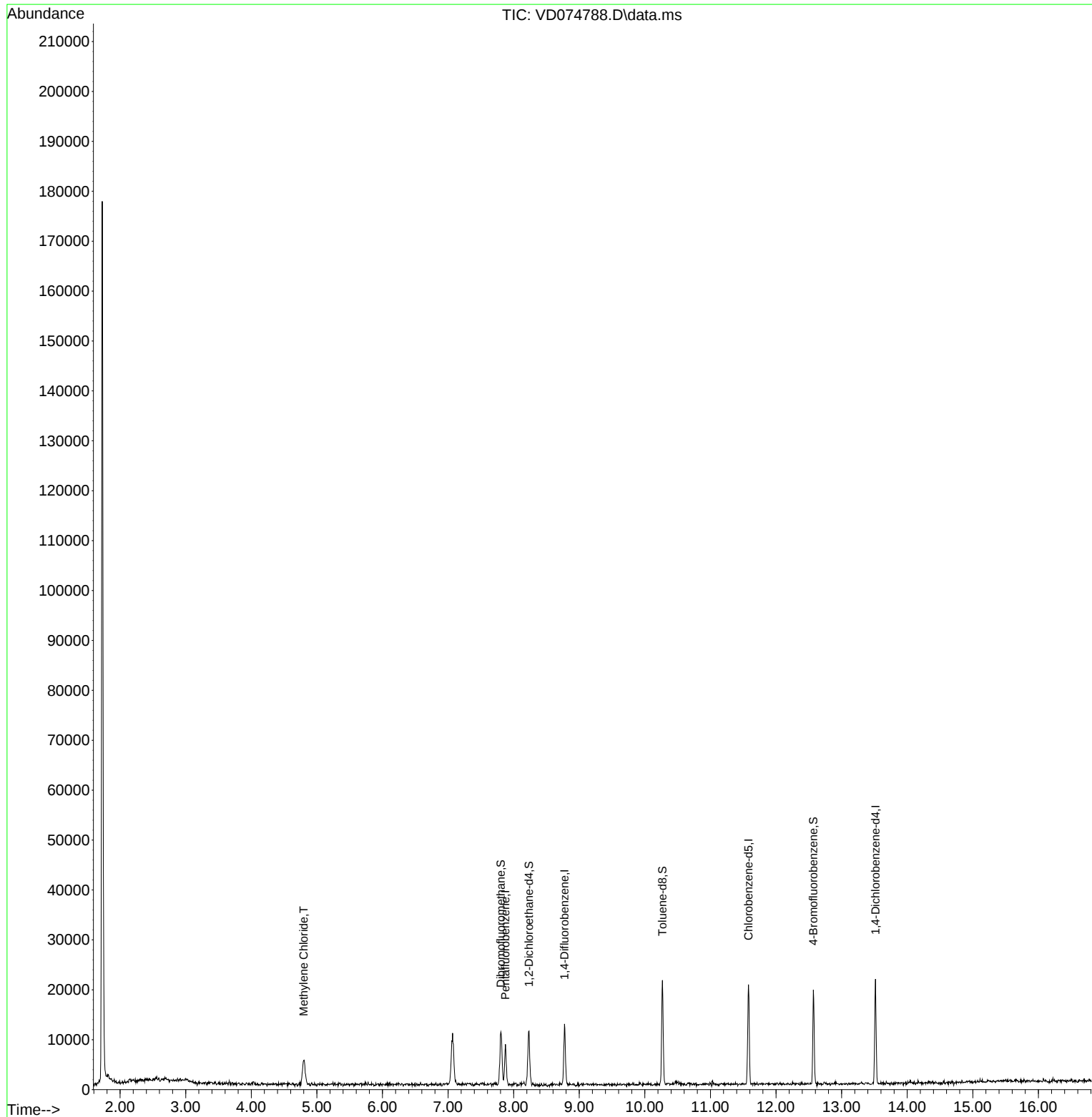
Internal Standards						
1) Pentafluorobenzene	7.875	168	6765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	11905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	6194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8455	157.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 315.600%#	
35) Dibromofluoromethane	7.804	113	8102	115.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 230.100%#	
50) Toluene-d8	10.269	98	15713	61.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.340%	
62) 4-Bromofluorobenzene	12.569	95	6003	80.936	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 161.880%#	
Target Compounds						Qvalue
20) Methylene Chloride	4.799	84	4327	44.111	ug/l	94

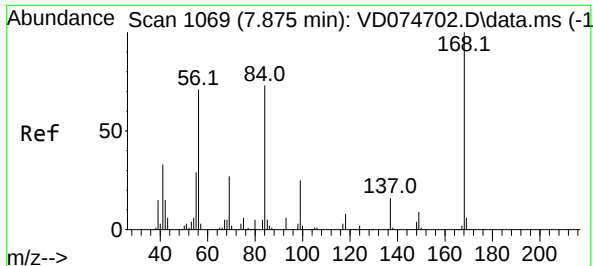
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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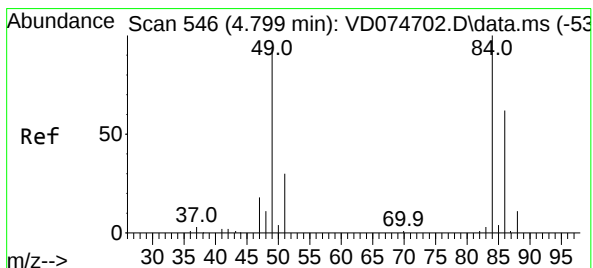
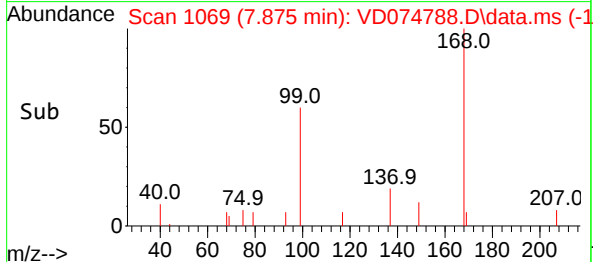
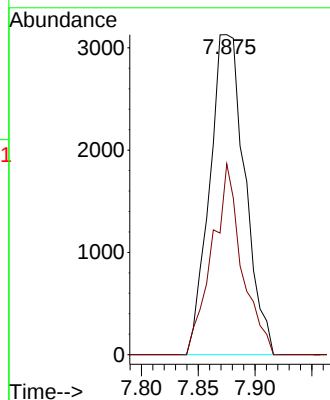
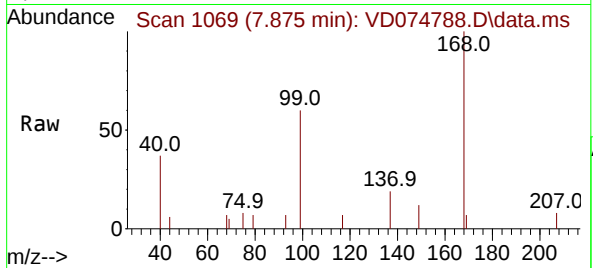




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074788.D
Acq: 08 Nov 2022 05:06

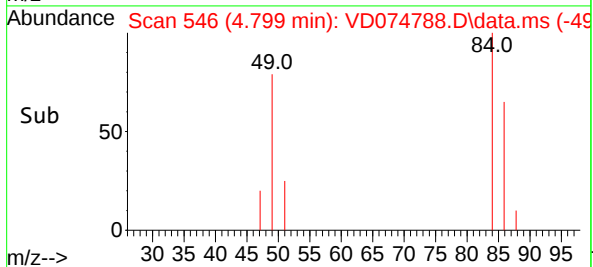
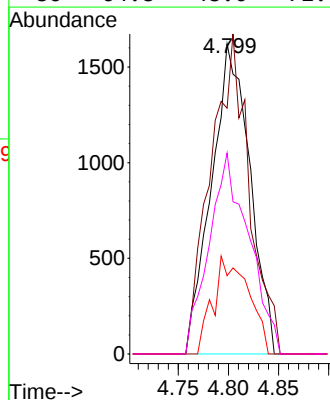
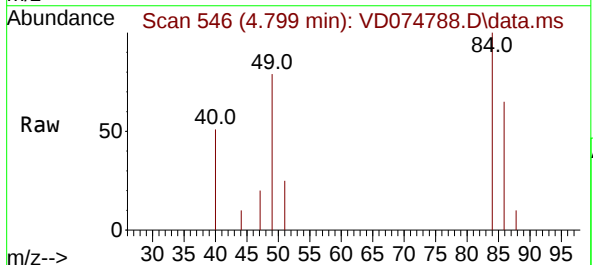
Instrument :
MSVOA_D
ClientSampleId :
R-25

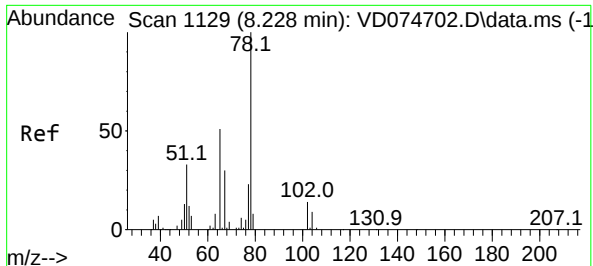
Tgt Ion:168 Resp: 6765
Ion Ratio Lower Upper
168 100
99 59.7 40.9 61.3



#20
Methylene Chloride
Concen: 44.111 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074788.D
Acq: 08 Nov 2022 05:06

Tgt Ion: 84 Resp: 4327
Ion Ratio Lower Upper
84 100
49 79.3 68.0 102.0
51 25.2 23.2 34.8
86 64.8 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 157.801 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074788.D

Acq: 08 Nov 2022 05:06

Instrument :

MSVOA_D

ClientSampleId :

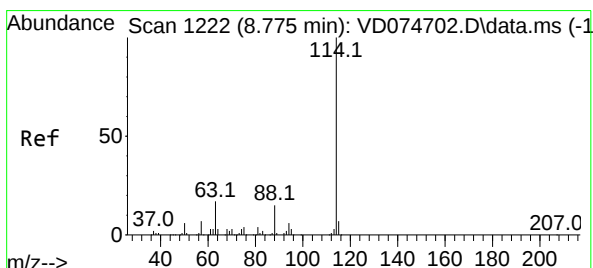
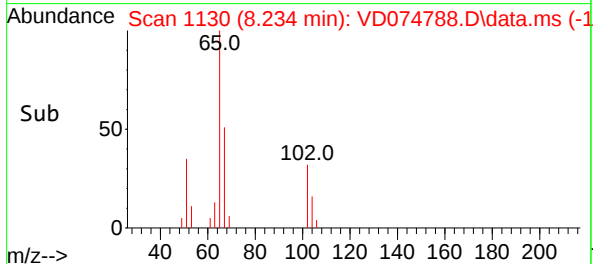
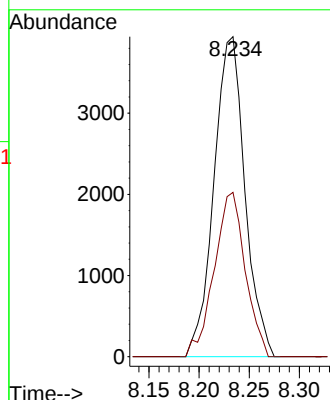
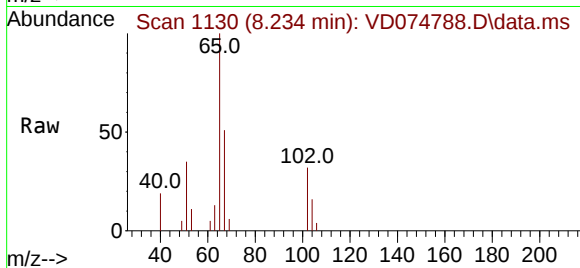
R-25

Tgt Ion: 65 Resp: 8455

Ion Ratio Lower Upper

65 100

67 51.4 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: VD074788.D

Acq: 08 Nov 2022 05:06

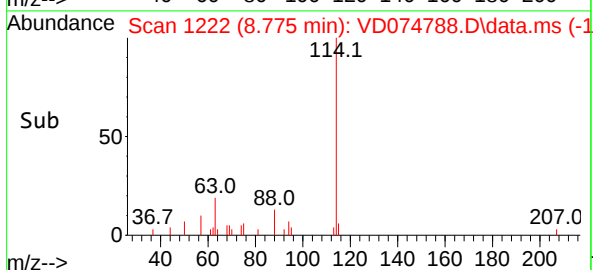
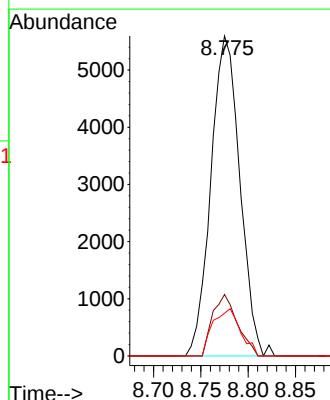
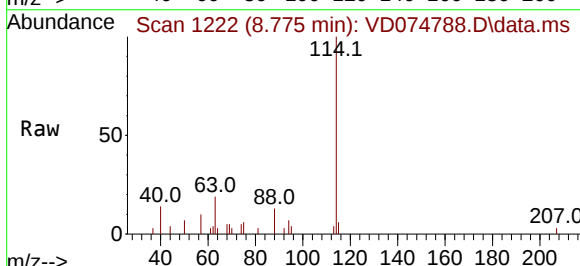
Tgt Ion: 114 Resp: 11905

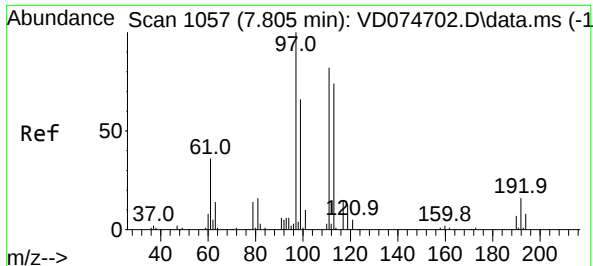
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.2

88 13.3 0.0 28.2





#35

Dibromofluoromethane

Concen: 115.048 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074788.D

Acq: 08 Nov 2022 05:06

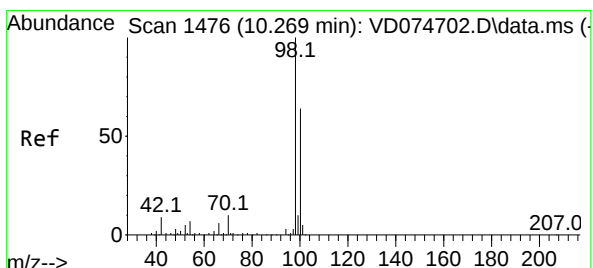
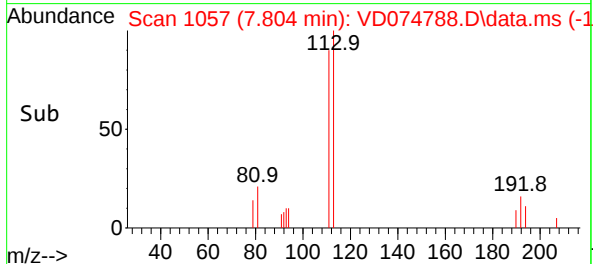
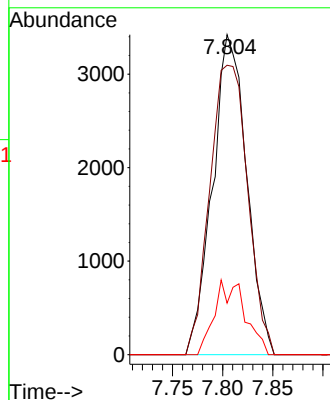
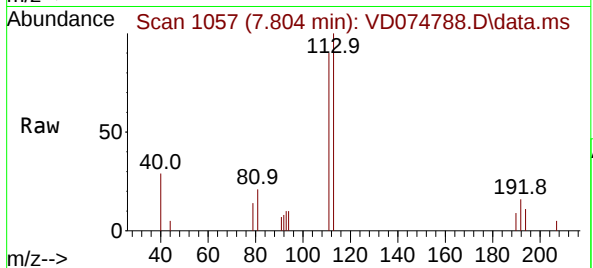
Instrument :

MSVOA_D

ClientSampleId :

R-25

Tgt Ion:	113	Resp:	8102
Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.3	123.5
192	20.8	16.4	24.6



#50

Toluene-d8

Concen: 61.168 ug/l

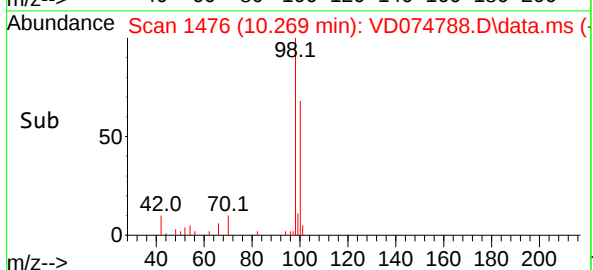
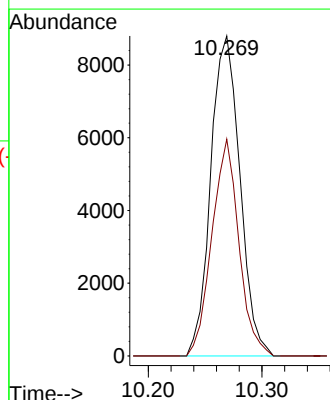
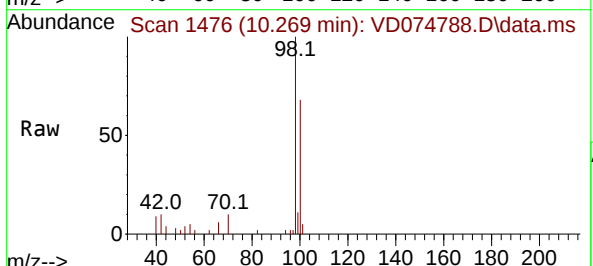
RT: 10.269 min Scan# 1476

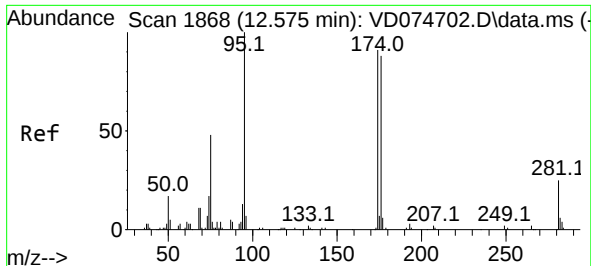
Delta R.T. -0.000 min

Lab File: VD074788.D

Acq: 08 Nov 2022 05:06

Tgt Ion:	98	Resp:	15713
Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.4	77.0

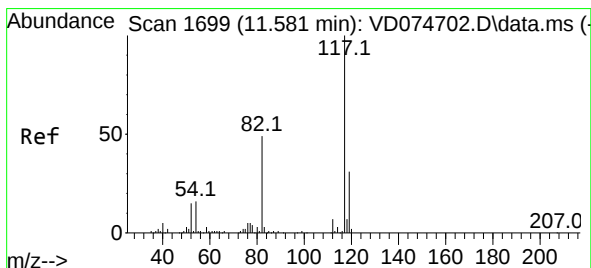
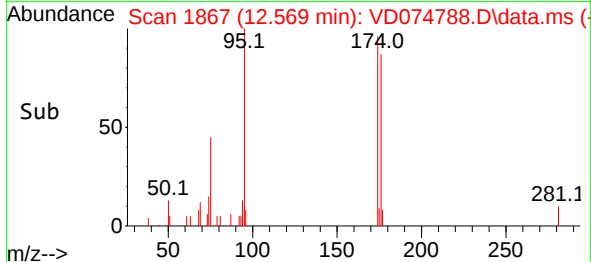
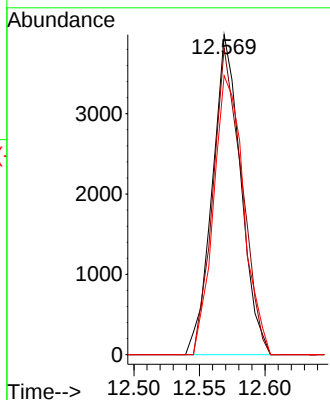
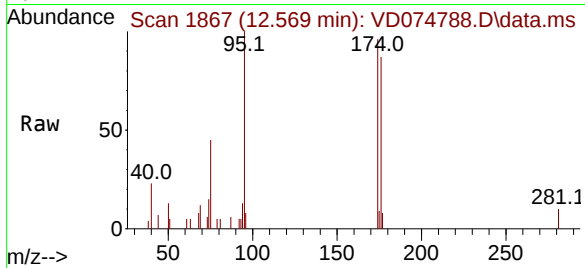




#62
4-Bromofluorobenzene
Concen: 80.936 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074788.D
Acq: 08 Nov 2022 05:06

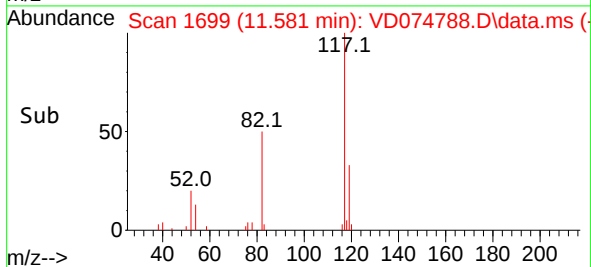
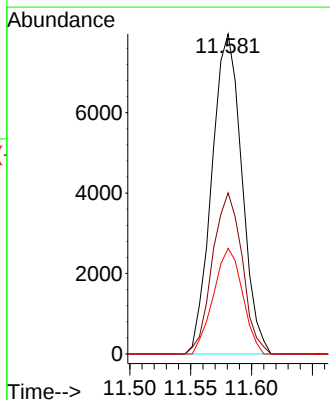
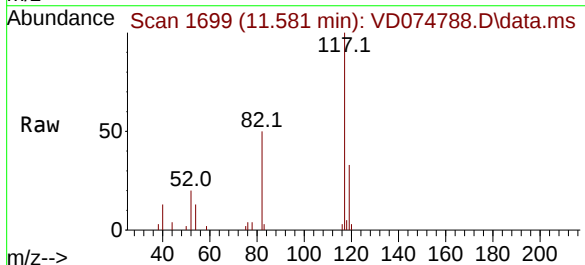
Instrument :
MSVOA_D
ClientSampleId :
R-25

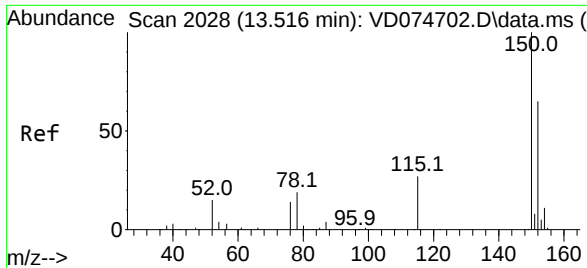
Tgt Ion:	95	Resp:	6003
Ion Ratio	Lower	Upper	
95	100		
174	97.0	0.0	197.0
176	92.4	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074788.D
Acq: 08 Nov 2022 05:06

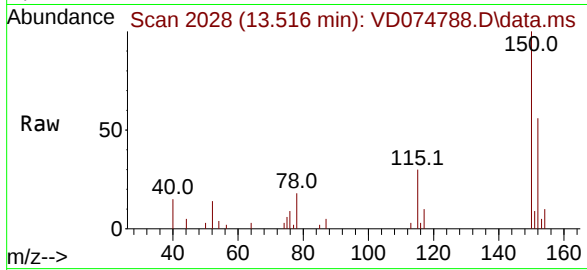
Tgt Ion:	117	Resp:	13667
Ion Ratio	Lower	Upper	
117	100		
82	50.3	41.6	62.4
119	33.0	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD074788.D
 Acq: 08 Nov 2022 05:06

Instrument :
 MSVOA_D
 ClientSampleId :
 R-25



Tgt Ion:152 Resp: 6194
 Ion Ratio Lower Upper
 152 100
 115 55.4 26.8 80.4
 150 170.9 0.0 348.2

