

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074787.D
 Acq On : 08 Nov 2022 04:38
 Operator : VA/SY
 Sample : N5415-11
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-24

Quant Time: Nov 08 05:20:04 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)

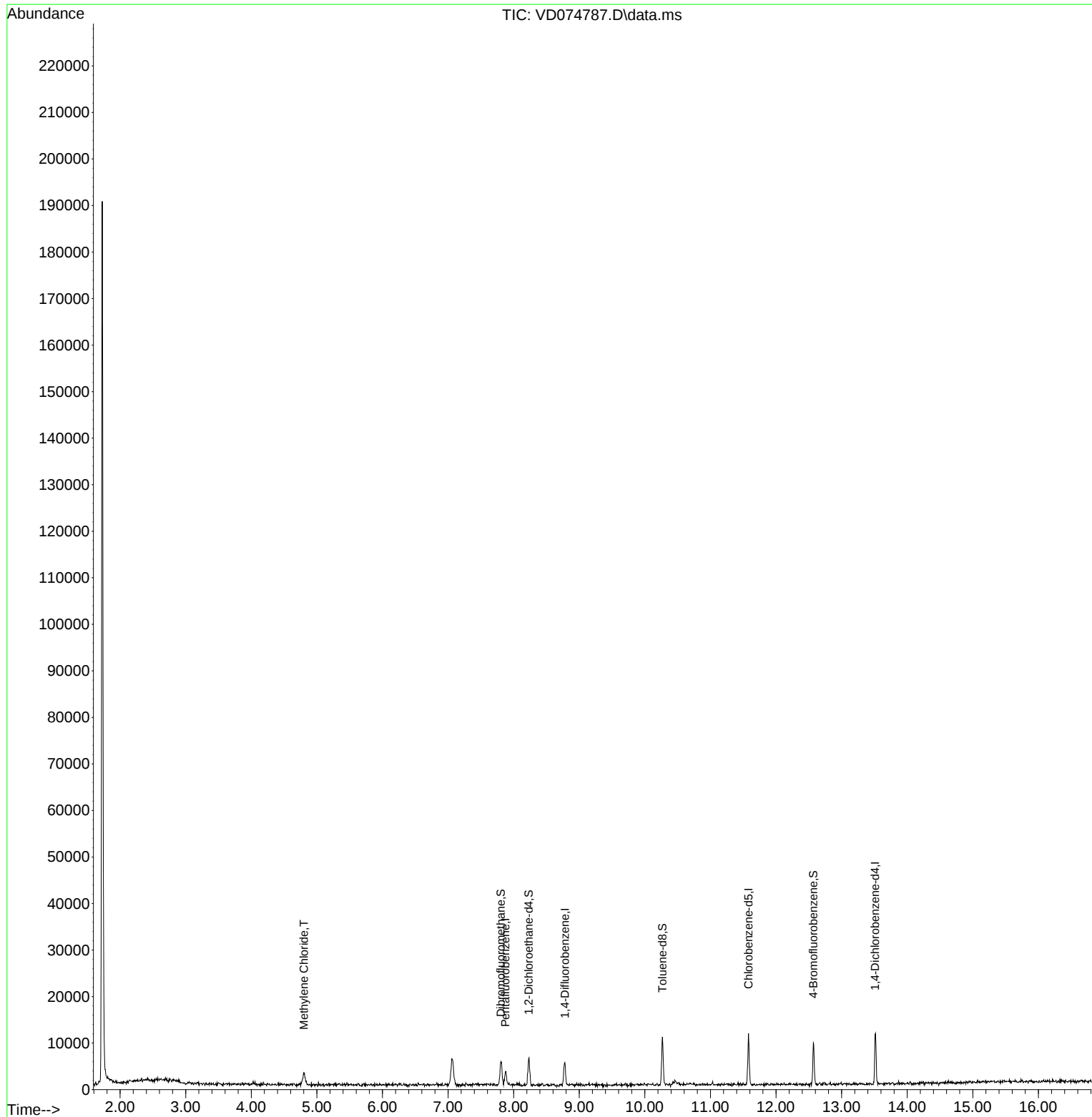
Internal Standards						
1) Pentafluorobenzene	7.875	168	3491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	6482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6909	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	3768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4679	169.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 338.460%#	
35) Dibromofluoromethane	7.804	113	3991	104.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 208.180%#	
50) Toluene-d8	10.269	98	8499	60.765	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.540%	
62) 4-Bromofluorobenzene	12.569	95	3258	80.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 161.360%#	
Target Compounds						Qvalue
20) Methylene Chloride	4.804	84	2170	42.465	ug/l	# 85

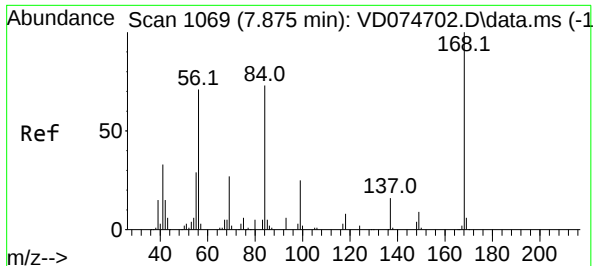
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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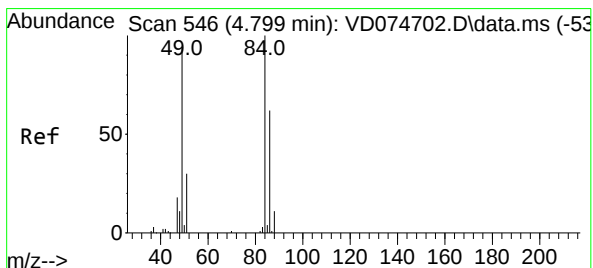
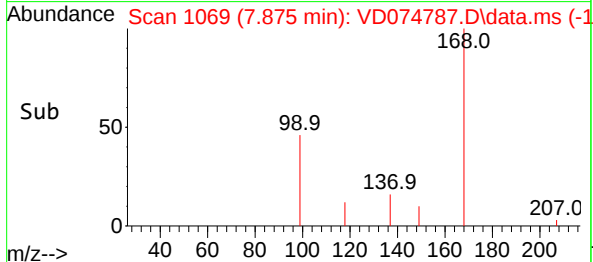
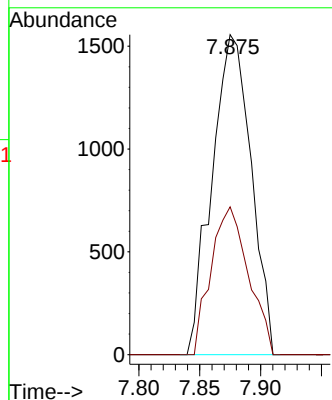
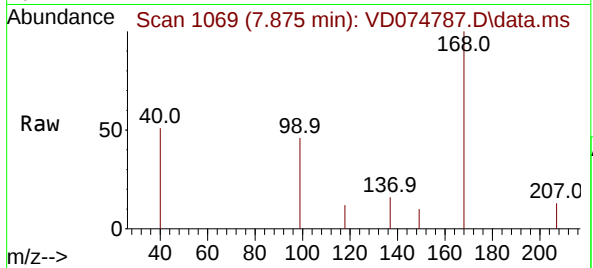




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074787.D
Acq: 08 Nov 2022 04:38

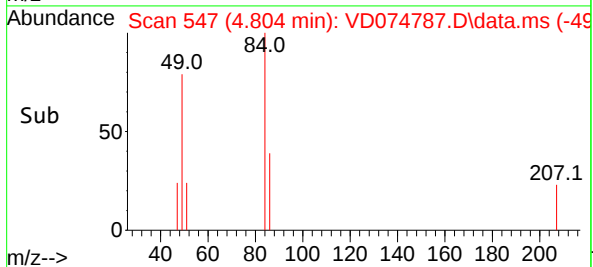
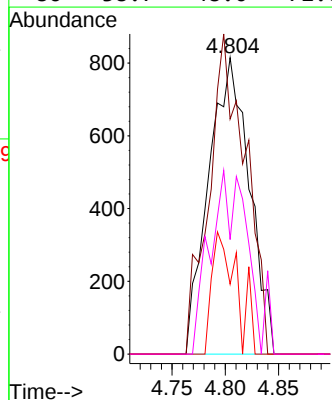
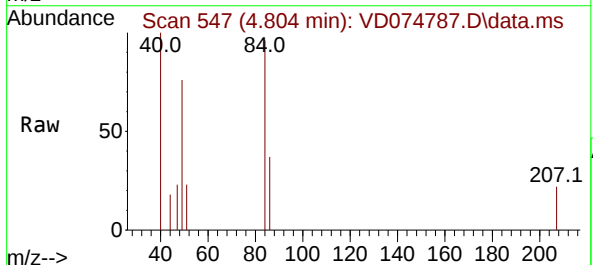
Instrument :
MSVOA_D
ClientSampleId :
R-24

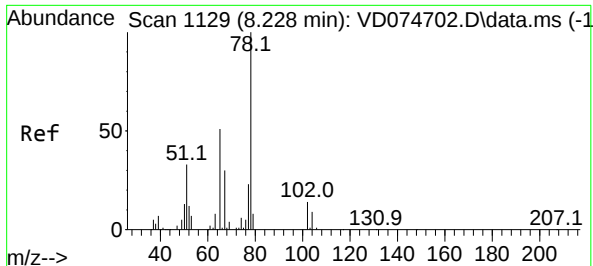
Tgt Ion:168 Resp: 3491
Ion Ratio Lower Upper
168 100
99 46.2 40.9 61.3



#20
Methylene Chloride
Concen: 42.465 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD074787.D
Acq: 08 Nov 2022 04:38

Tgt Ion: 84 Resp: 2170
Ion Ratio Lower Upper
84 100
49 79.3 68.0 102.0
51 23.6 23.2 34.8
86 38.7 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 169.226 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074787.D

Acq: 08 Nov 2022 04:38

Instrument :

MSVOA_D

ClientSampleId :

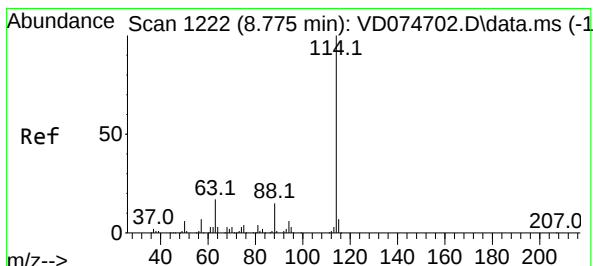
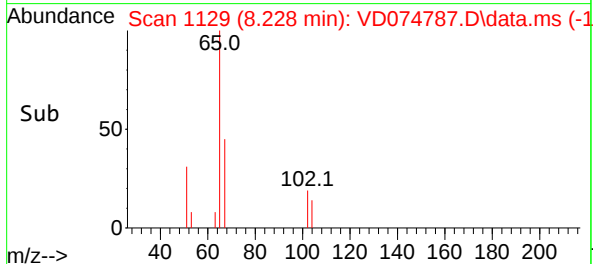
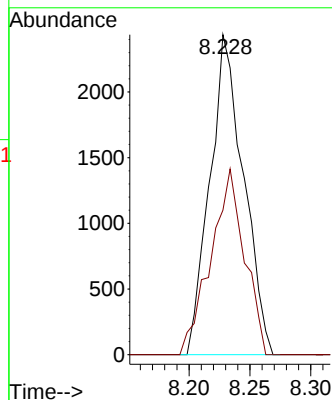
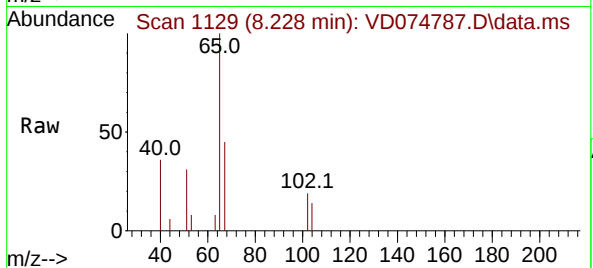
R-24

Tgt Ion: 65 Resp: 4679

Ion Ratio Lower Upper

65 100

67 58.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD074787.D

Acq: 08 Nov 2022 04:38

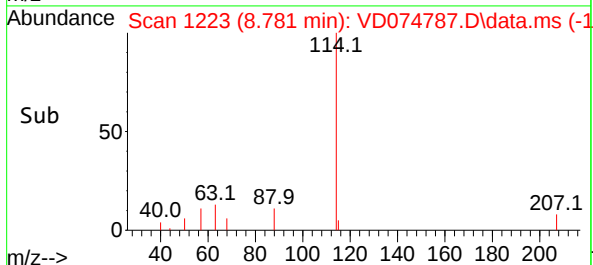
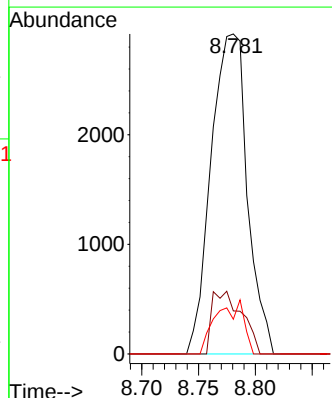
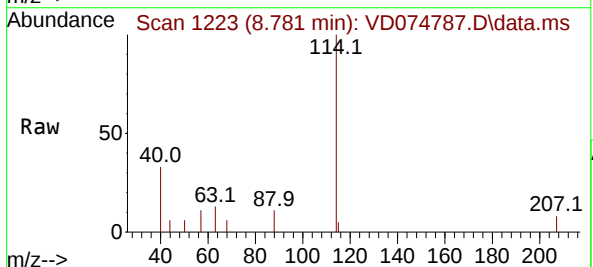
Tgt Ion: 114 Resp: 6482

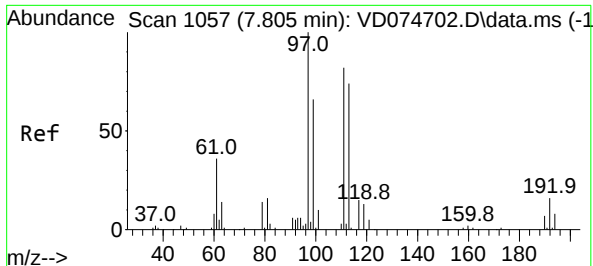
Ion Ratio Lower Upper

114 100

63 13.4 0.0 33.2

88 10.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 104.085 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074787.D

Acq: 08 Nov 2022 04:38

Instrument :

MSVOA_D

ClientSampleId :

R-24

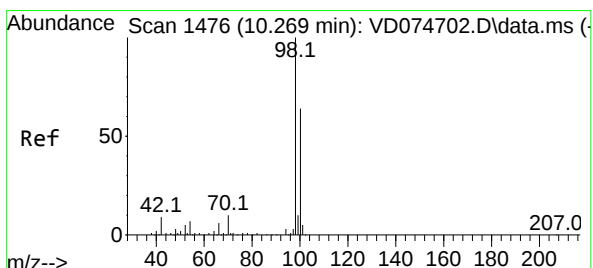
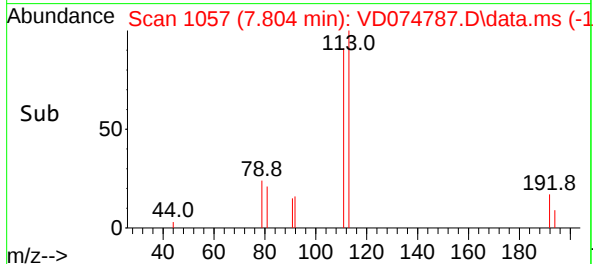
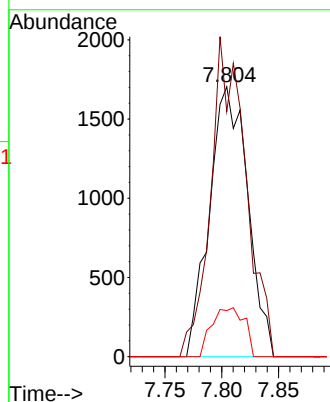
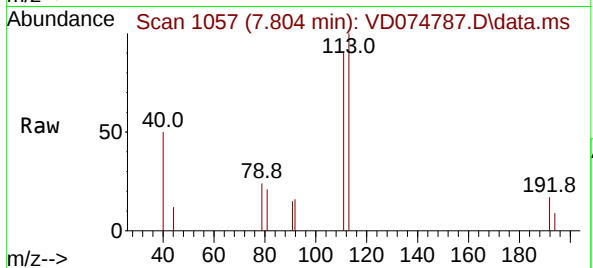
Tgt Ion:113 Resp: 3991

Ion Ratio Lower Upper

113 100

111 107.8 82.3 123.5

192 15.4 16.4 24.6#



#50

Toluene-d8

Concen: 60.765 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074787.D

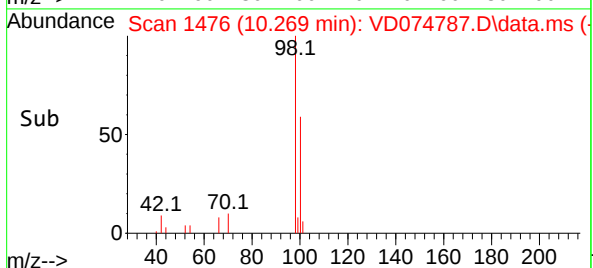
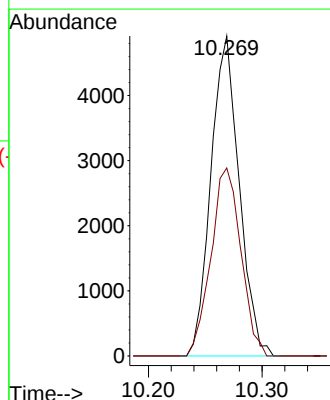
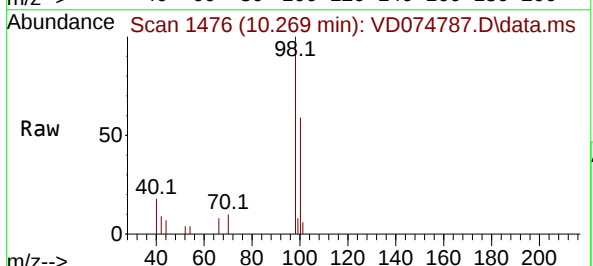
Acq: 08 Nov 2022 04:38

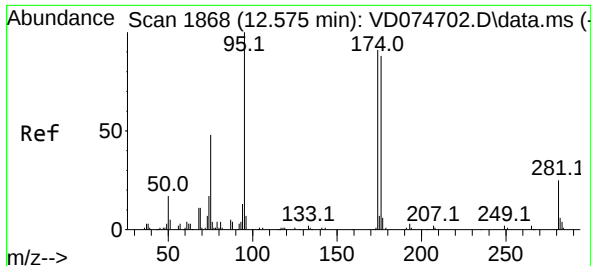
Tgt Ion: 98 Resp: 8499

Ion Ratio Lower Upper

98 100

100 62.2 51.4 77.0

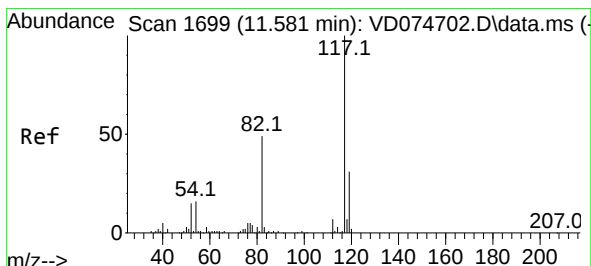
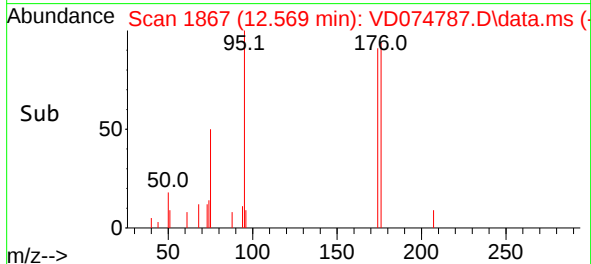
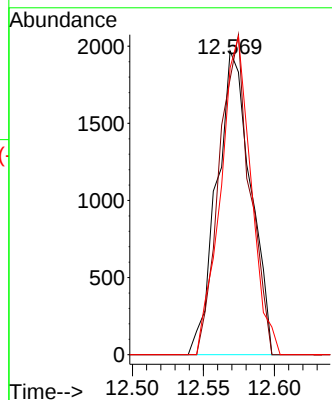
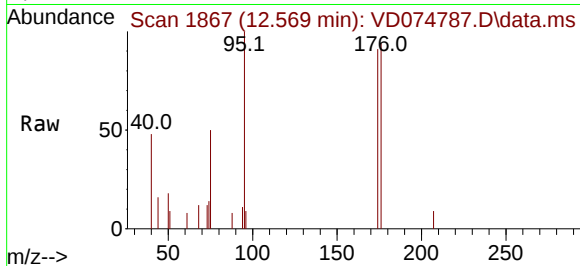




#62
4-Bromofluorobenzene
Concen: 80.676 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074787.D
Acq: 08 Nov 2022 04:38

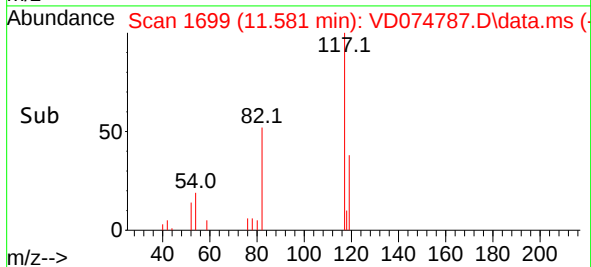
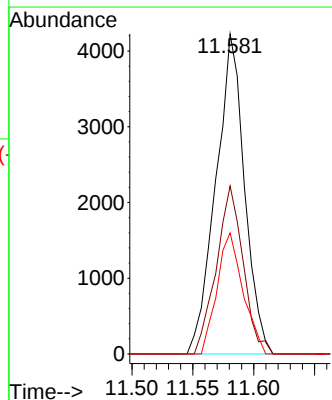
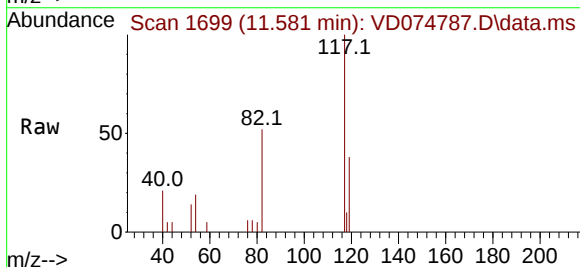
Instrument :
MSVOA_D
ClientSampleId :
R-24

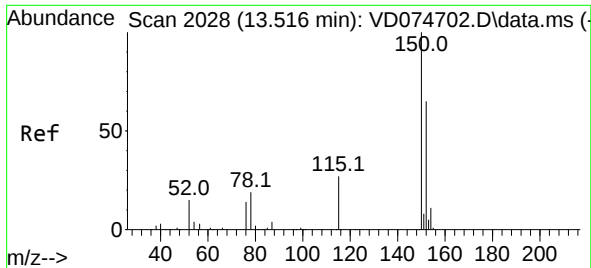
Tgt Ion:	95	Resp:	3258
Ion	Ratio	Lower	Upper
95	100		
174	95.1	0.0	197.0
176	94.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074787.D
Acq: 08 Nov 2022 04:38

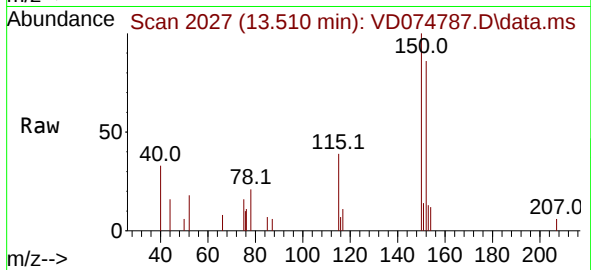
Tgt Ion:	117	Resp:	6909
Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.6	62.4
119	37.8	25.2	37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD074787.D
 Acq: 08 Nov 2022 04:38

Instrument :
 MSVOA_D
 ClientSampleId :
 R-24



Tgt Ion:152 Resp: 3768
 Ion Ratio Lower Upper
 152 100
 115 50.5 26.8 80.4
 150 151.9 0.0 348.2

