

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110722\
 Data File : VD074789.D
 Acq On : 08 Nov 2022 05:33
 Operator : VA/SY
 Sample : N5415-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-26

Quant Time: Nov 08 05:54:23 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)

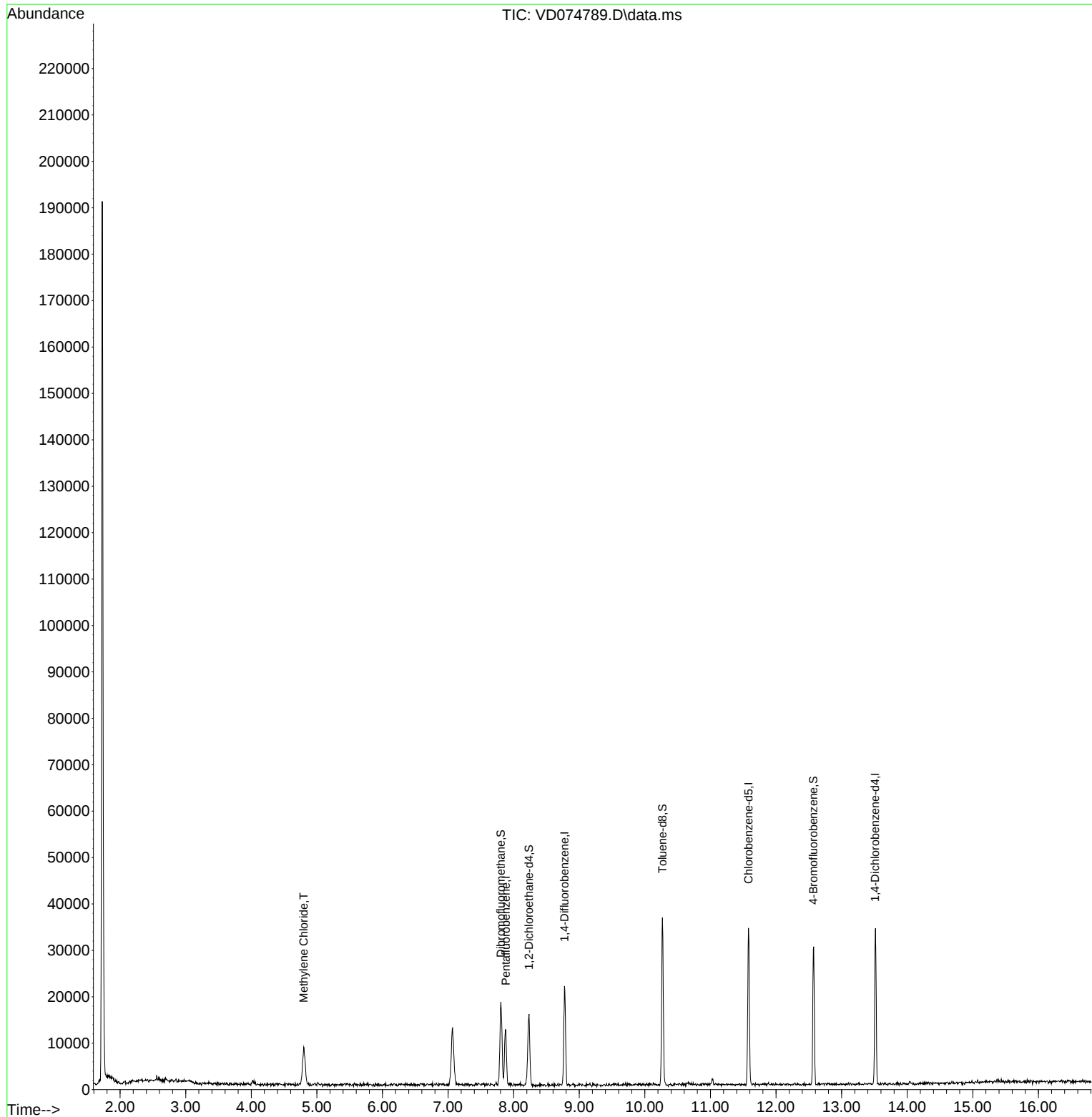
Internal Standards						
1) Pentafluorobenzene	7.881	168	11163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	21032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	22185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	10371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	12219	138.203	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 276.400%#	
35) Dibromofluoromethane	7.805	113	13345	107.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 214.520%#	
50) Toluene-d8	10.269	98	27696	61.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.060%	
62) 4-Bromofluorobenzene	12.569	95	9342	71.295	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 142.600%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	6903	42.172	ug/l #	86

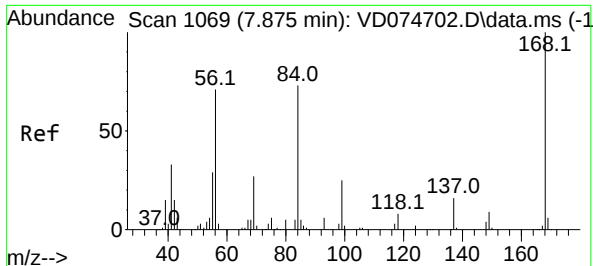
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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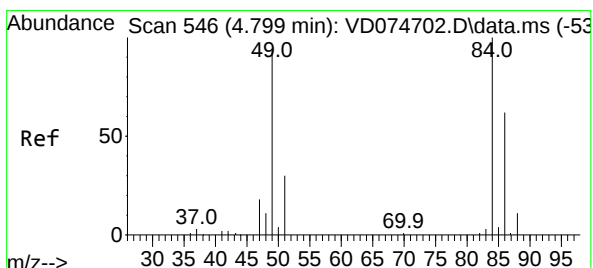
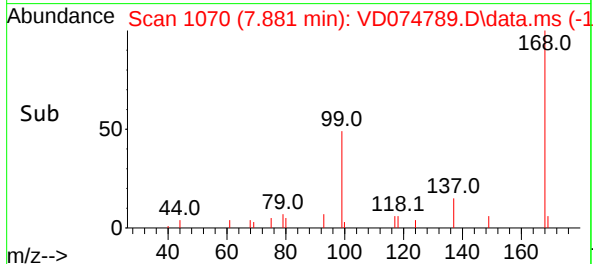
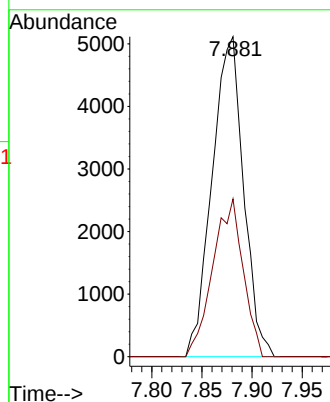
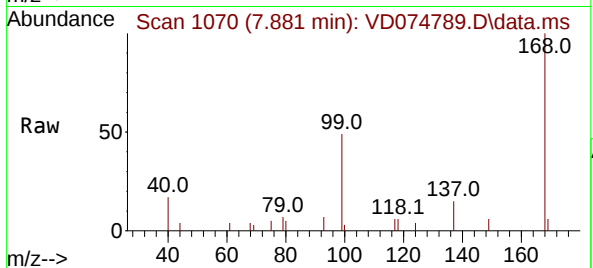




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11163
Delta R.T. 0.006 min
Lab File: VD074789.D
Acq: 08 Nov 2022 05:33

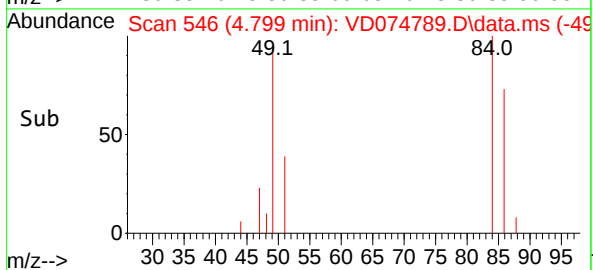
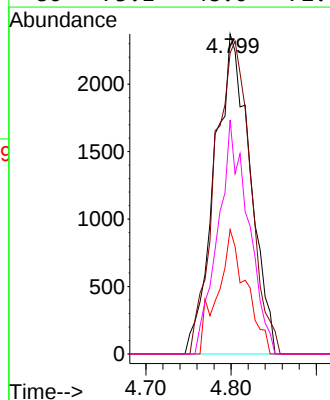
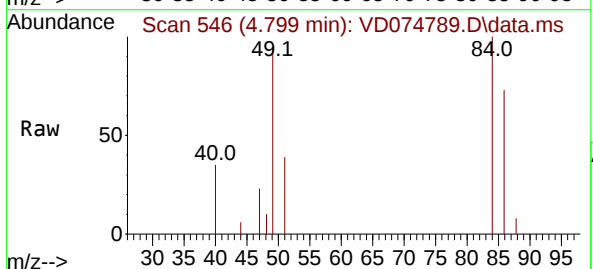
Instrument :
MSVOA_D
ClientSampleId :
R-26

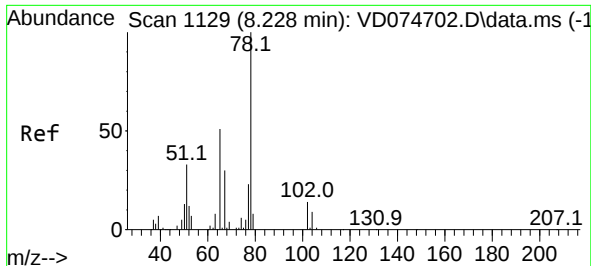
Tgt Ion:168 Resp: 11163
Ion Ratio Lower Upper
168 100
99 49.3 40.9 61.3



#20
Methylene Chloride
Concen: 42.172 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074789.D
Acq: 08 Nov 2022 05:33

Tgt Ion: 84 Resp: 6903
Ion Ratio Lower Upper
84 100
49 94.1 68.0 102.0
51 38.9 23.2 34.8#
86 73.1 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 138.203 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074789.D

Acq: 08 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

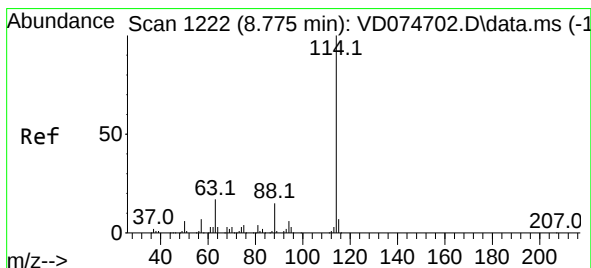
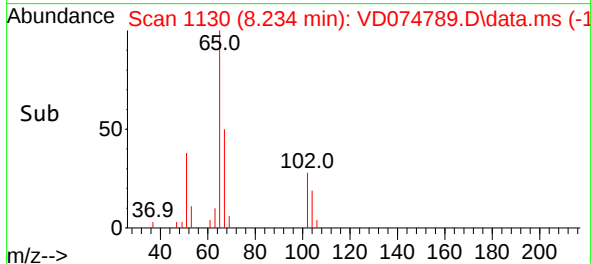
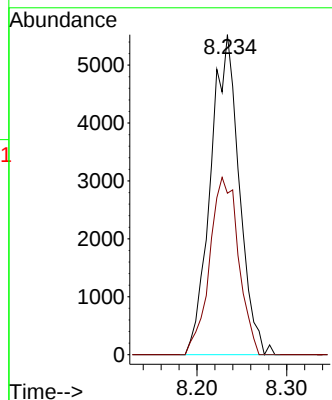
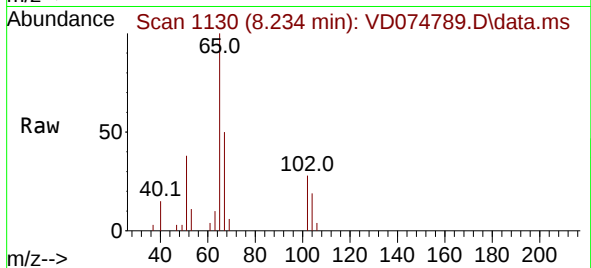
R-26

Tgt Ion: 65 Resp: 12219

Ion Ratio Lower Upper

65 100

67 56.0 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: VD074789.D

Acq: 08 Nov 2022 05:33

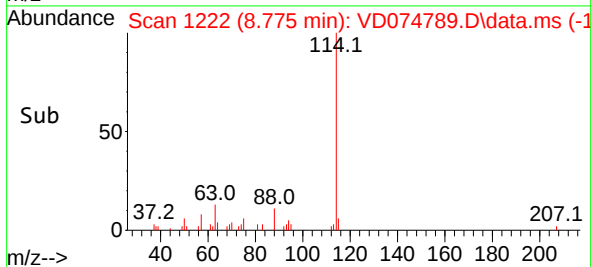
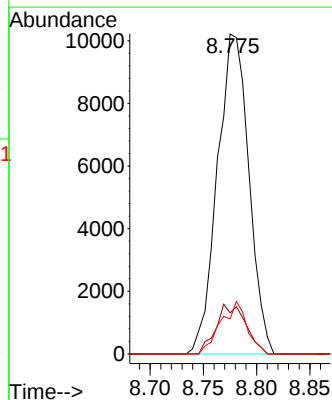
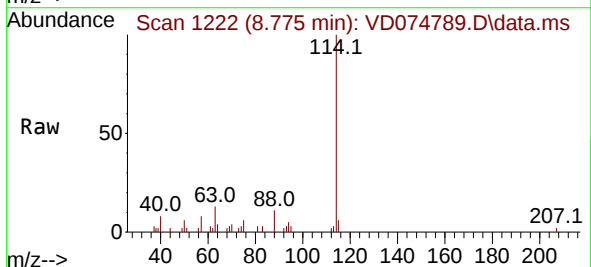
Tgt Ion: 114 Resp: 21032

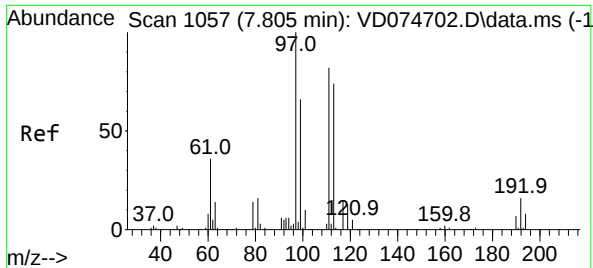
Ion Ratio Lower Upper

114 100

63 12.9 0.0 33.2

88 11.0 0.0 28.2





#35

Dibromofluoromethane

Concen: 107.264 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074789.D

Acq: 08 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

R-26

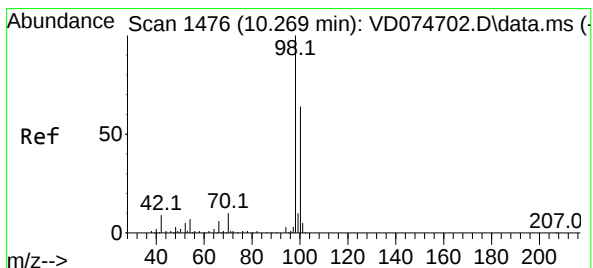
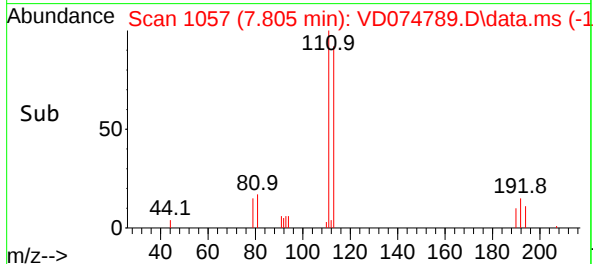
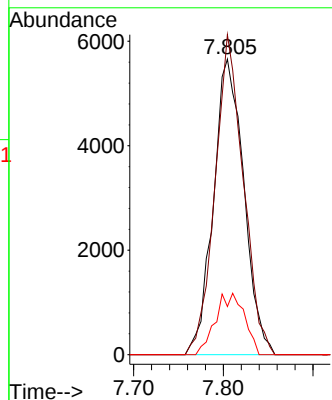
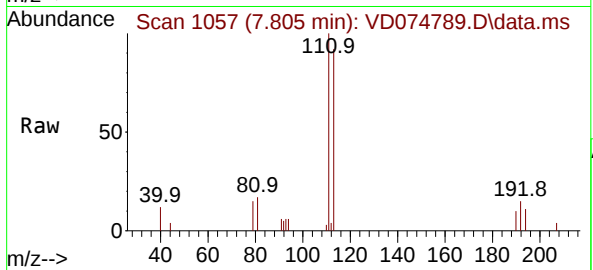
Tgt Ion:113 Resp: 13345

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

192 19.7 16.4 24.6



#50

Toluene-d8

Concen: 61.028 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074789.D

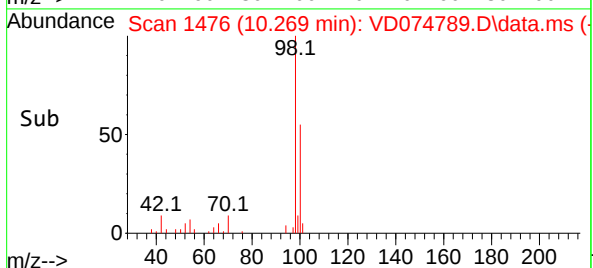
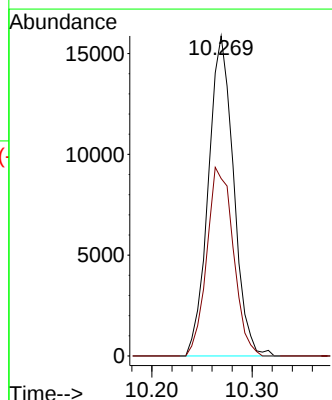
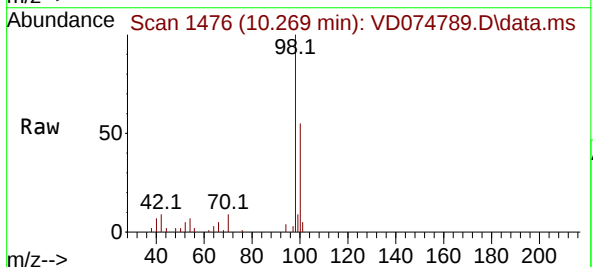
Acq: 08 Nov 2022 05:33

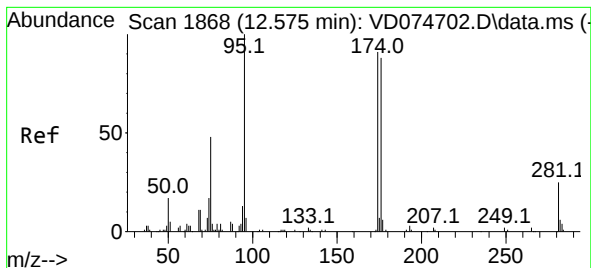
Tgt Ion: 98 Resp: 27696

Ion Ratio Lower Upper

98 100

100 61.8 51.4 77.0

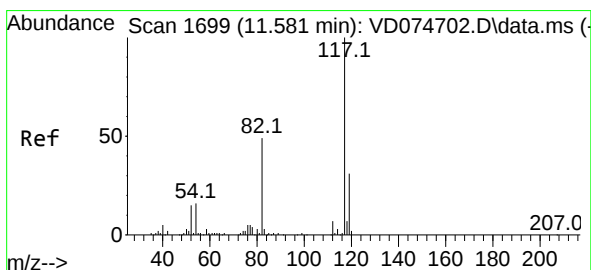
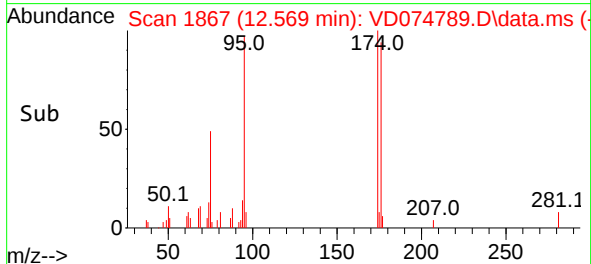
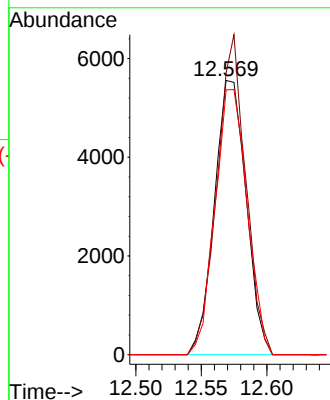
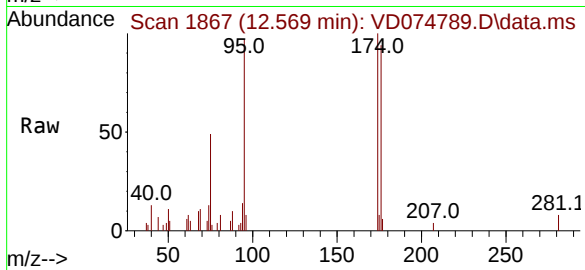




#62
4-Bromofluorobenzene
Concen: 71.295 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074789.D
Acq: 08 Nov 2022 05:33

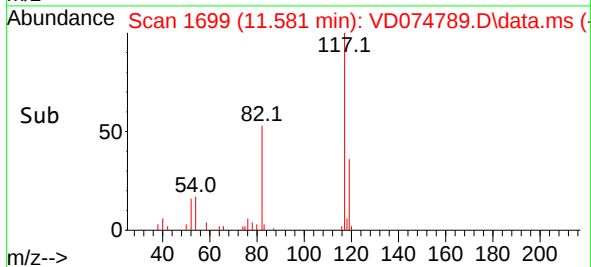
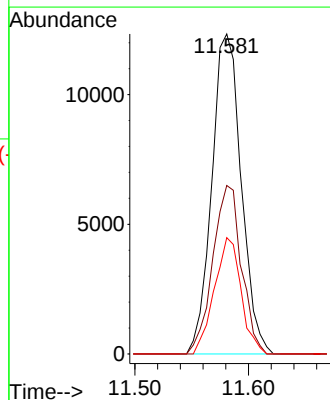
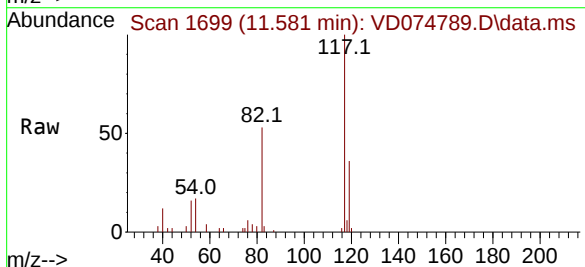
Instrument :
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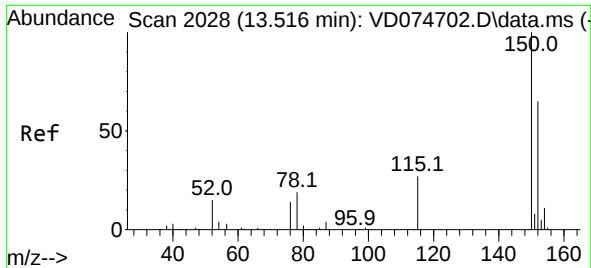
Tgt Ion: 95 Resp: 9342
Ion Ratio Lower Upper
95 100
174 105.3 0.0 197.0
176 98.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074789.D
Acq: 08 Nov 2022 05:33

Tgt Ion: 117 Resp: 22185
Ion Ratio Lower Upper
117 100
82 52.7 41.6 62.4
119 36.4 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: VD074789.D

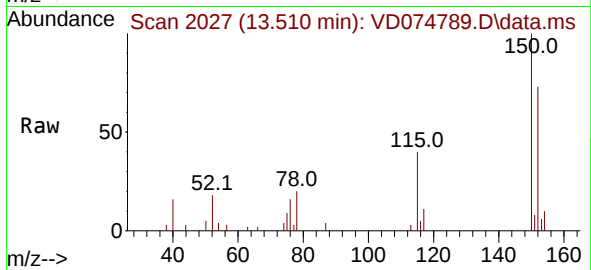
Acq: 08 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

R-26



Tgt Ion:152 Resp: 10371

Ion Ratio Lower Upper

152 100

115 56.0 26.8 80.4

150 157.2 0.0 348.2

