

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074289.D
 Acq On : 14 Sep 2022 17:17
 Operator : VA/SY
 Sample : N4538-03
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-2-0-1

Quant Time: Sep 15 04:15:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

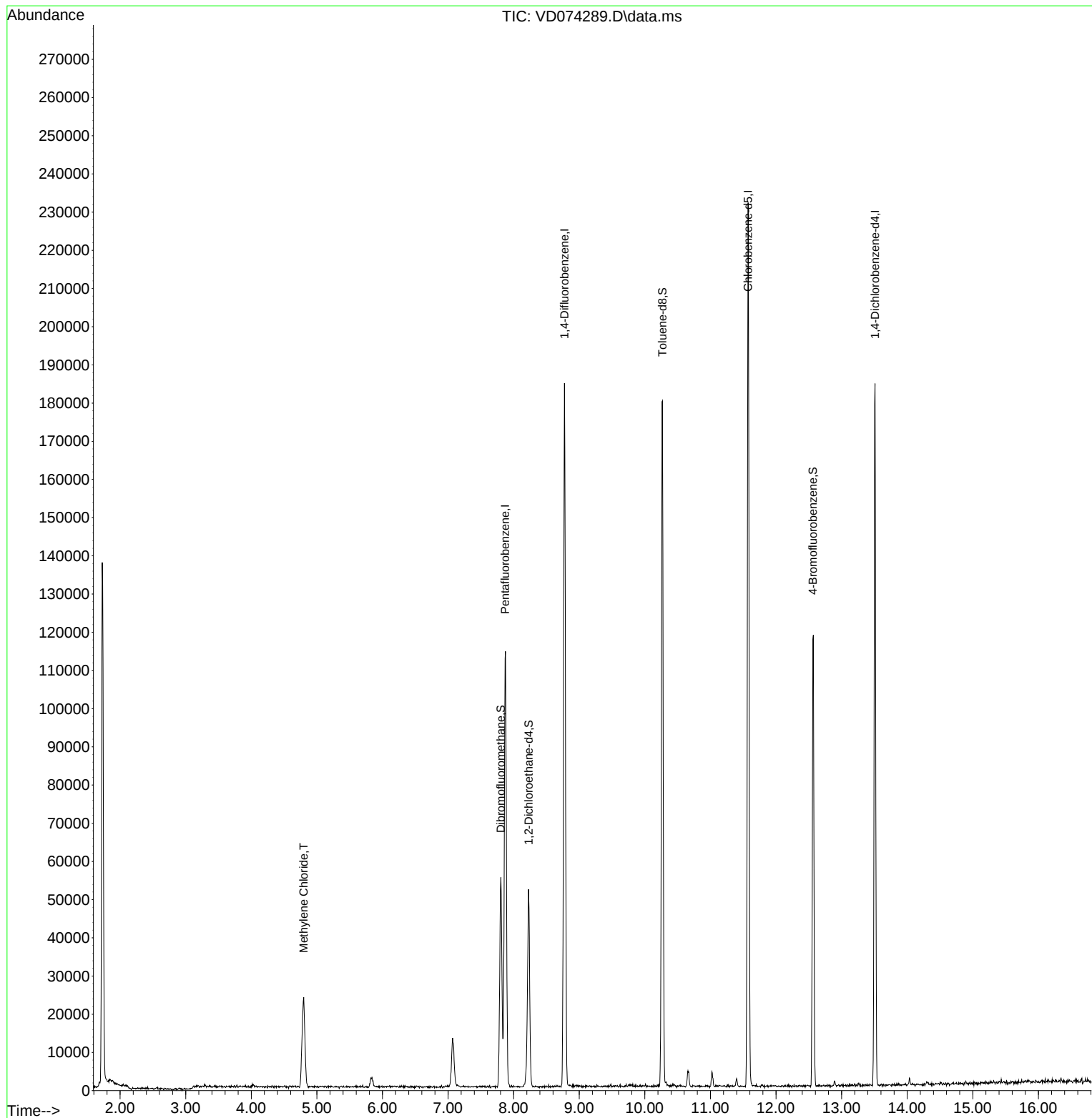
Internal Standards						
1) Pentafluorobenzene	7.869	168	89963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	160581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	133075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	50451	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38146	41.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.180%
35) Dibromofluoromethane	7.804	113	38871	35.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.400%
50) Toluene-d8	10.269	98	129286	32.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	65.680%
62) 4-Bromofluorobenzene	12.563	95	36856	23.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.160%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	17789	10.650	ug/l	97

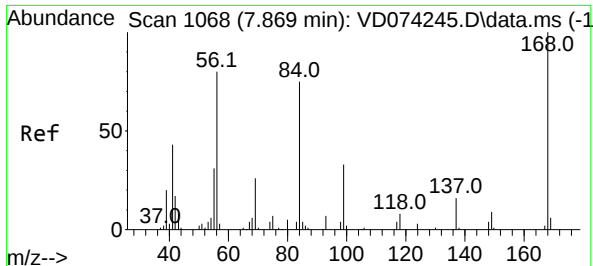
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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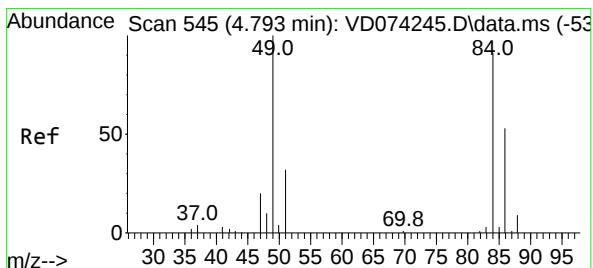
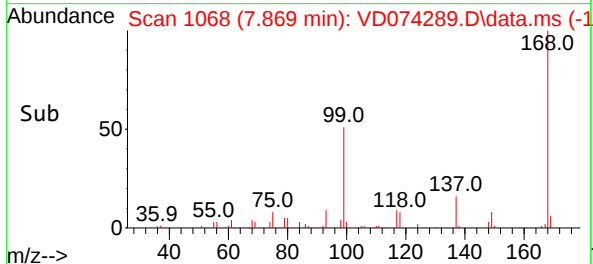
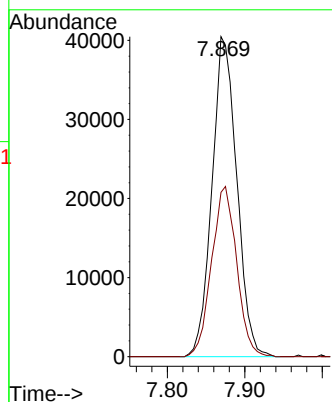
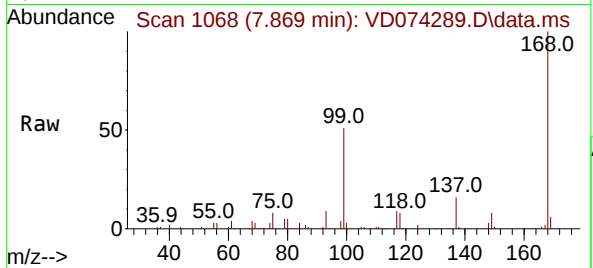




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

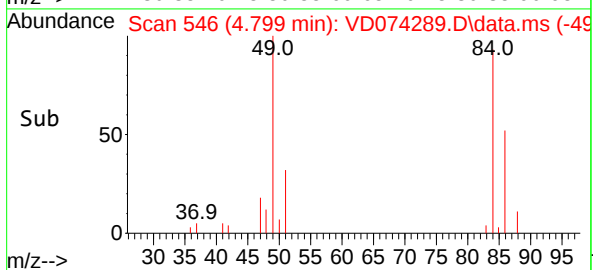
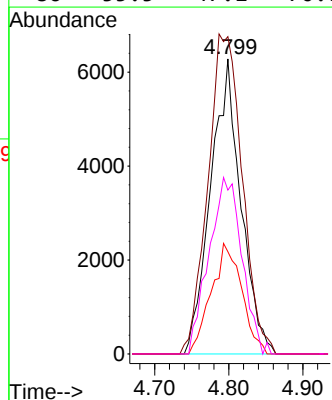
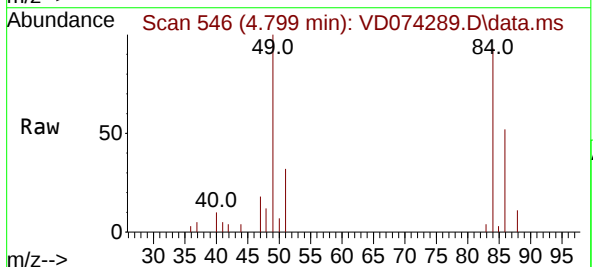
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-2-0-1

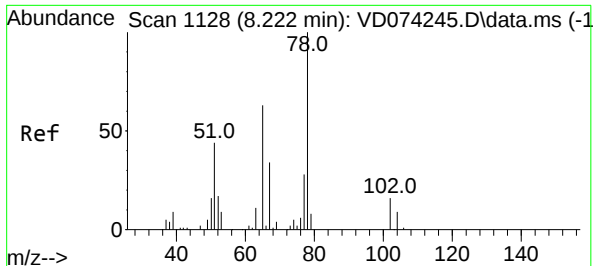
Tgt Ion:168 Resp: 89963
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#20
Methylene Chloride
Concen: 10.650 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Tgt Ion: 84 Resp: 17789
Ion Ratio Lower Upper
84 100
49 107.5 88.4 132.6
51 34.7 28.0 42.0
86 55.5 47.1 70.7

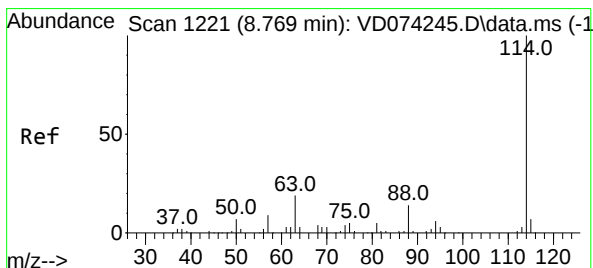
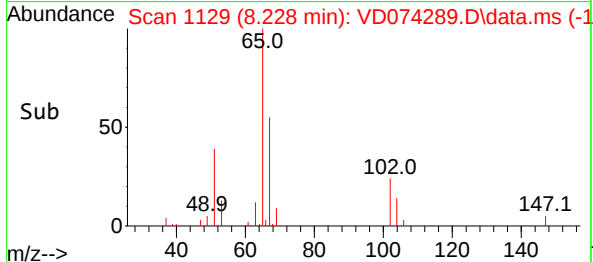
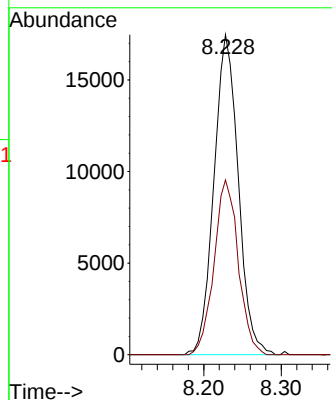
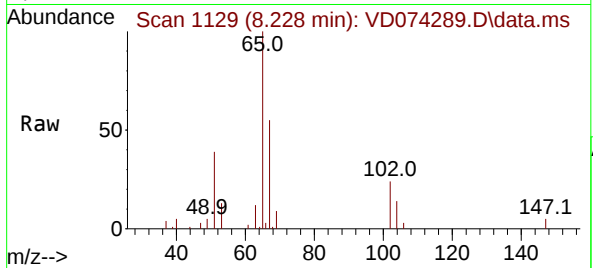




#33
1,2-Dichloroethane-d4
Concen: 41.590 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

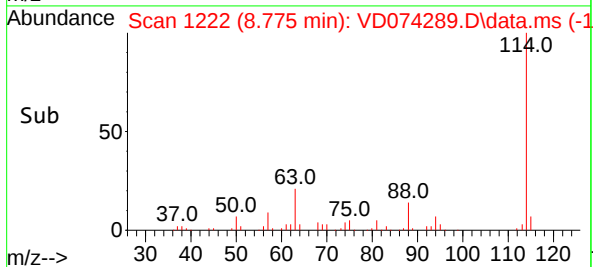
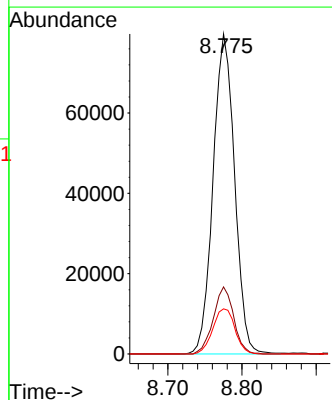
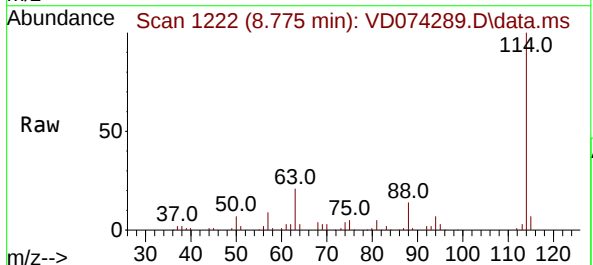
Instrument :
MSVOA_D
ClientSampleId :
MBD-SB-2-0-1

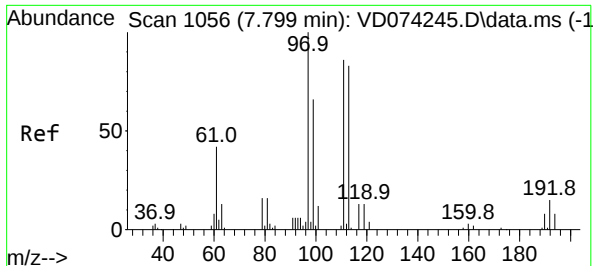
Tgt Ion: 65 Resp: 38146
Ion Ratio Lower Upper
65 100
67 54.4 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Tgt Ion: 114 Resp: 160581
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.6
88 14.1 0.0 28.4





#35

Dibromofluoromethane

Concen: 35.195 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

MBD-SB-2-0-1

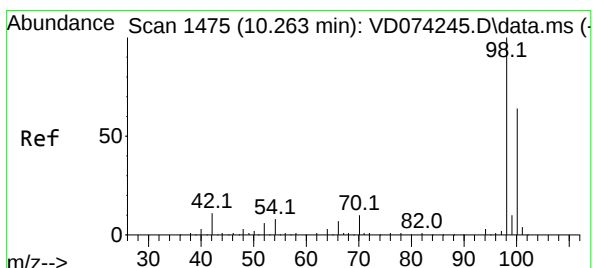
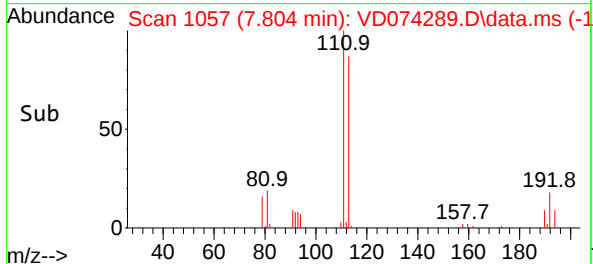
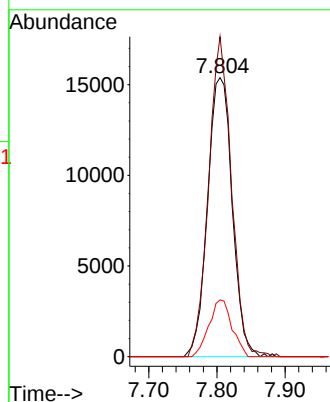
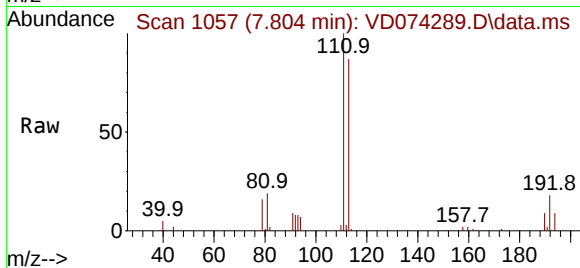
Tgt Ion:113 Resp: 38871

Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.6

192 18.9 16.2 24.2



#50

Toluene-d8

Concen: 32.844 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD074289.D

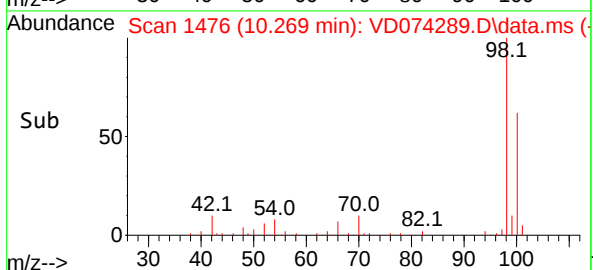
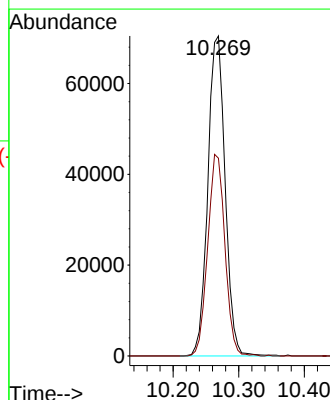
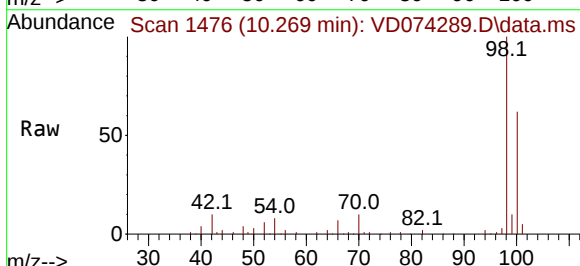
Acq: 14 Sep 2022 17:17

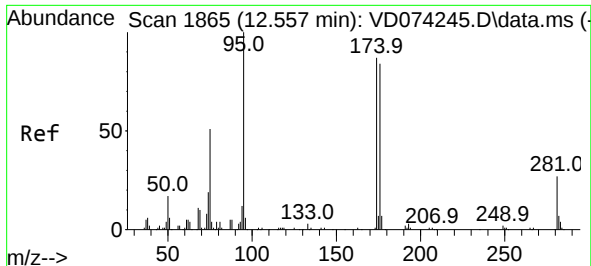
Tgt Ion: 98 Resp: 129286

Ion Ratio Lower Upper

98 100

100 62.7 51.8 77.8

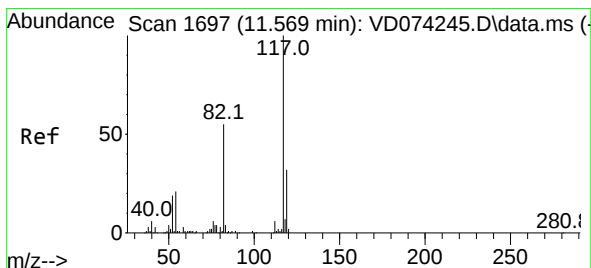
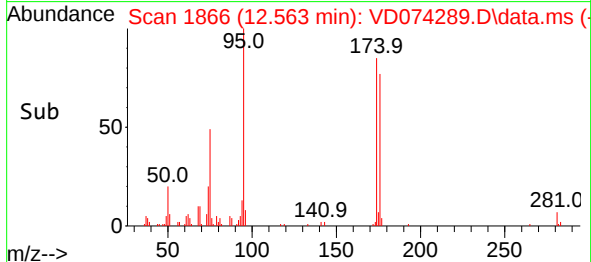
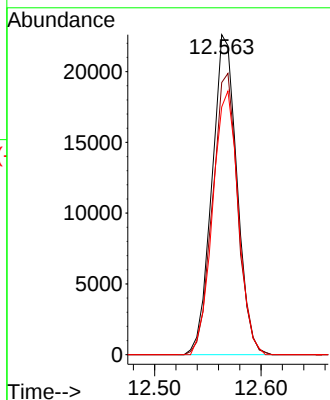
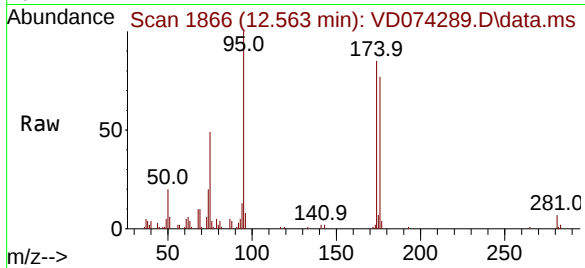




#62
4-Bromofluorobenzene
Concen: 23.083 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

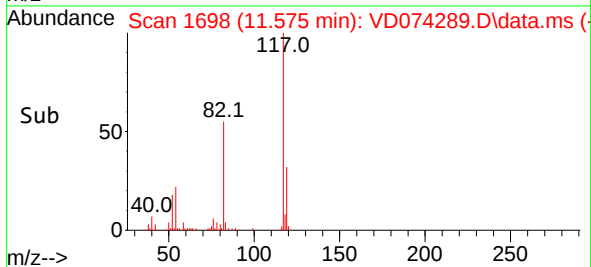
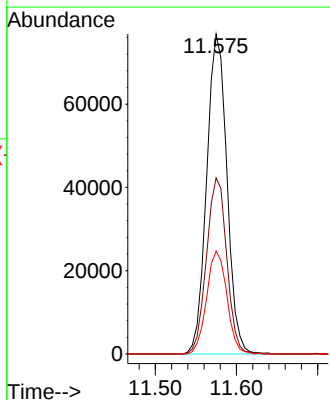
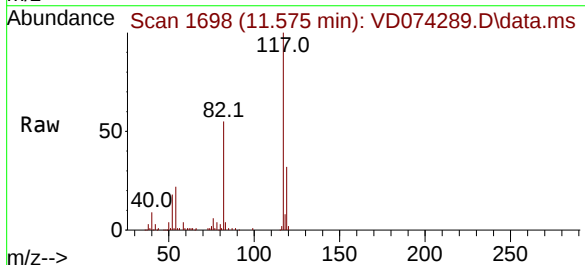
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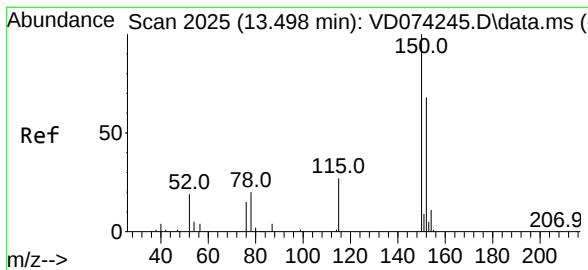
Tgt Ion: 95 Resp: 36856
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.2
176 84.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Tgt Ion: 117 Resp: 133075
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074289.D
 Acq: 14 Sep 2022 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 MBD-SB-2-0-1

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.4	85.2
150	157.3	0.0	351.0

