

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074319.D
 Acq On : 15 Sep 2022 20:19
 Operator : VA/SY
 Sample : N4627-01
 Misc : 5.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-091422

Quant Time: Sep 16 05:55:56 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)

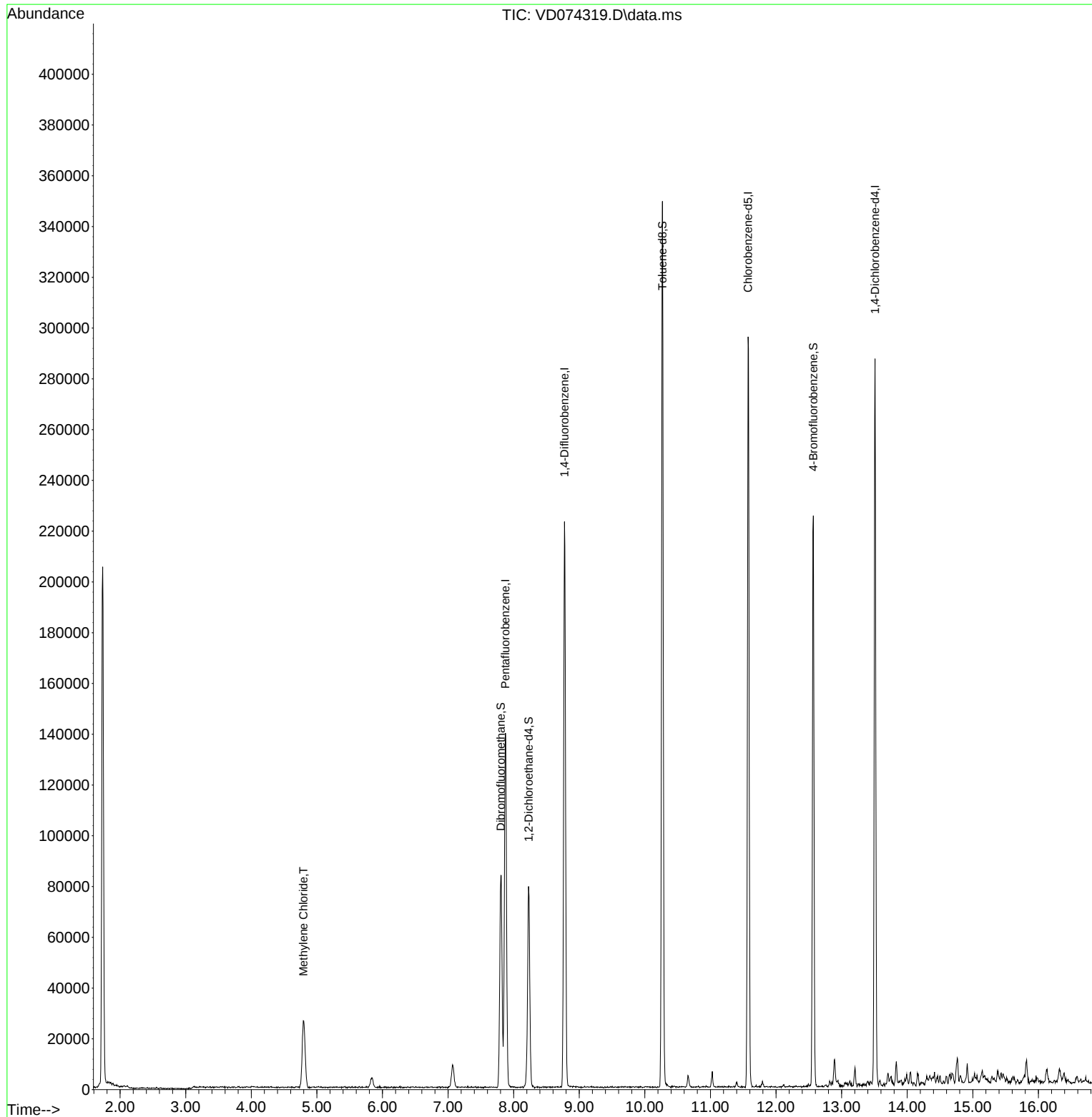
Internal Standards						
1) Pentafluorobenzene	7.875	168	109268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	174832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	77052	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60925	54.690	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.380%	
35) Dibromofluoromethane	7.804	113	62165	46.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.400%	
50) Toluene-d8	10.269	98	245557	50.599	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.200%	
62) 4-Bromofluorobenzene	12.569	95	69765	39.742	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.480%	
Target Compounds						
20) Methylene Chloride	4.793	84	21014	10.168	ug/l	Qvalue 95

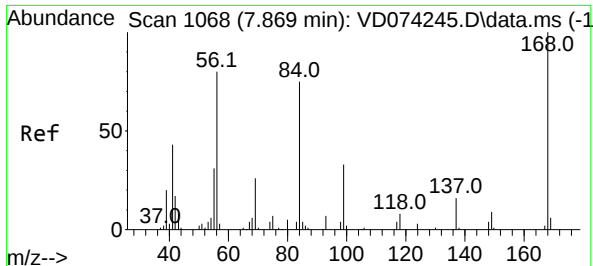
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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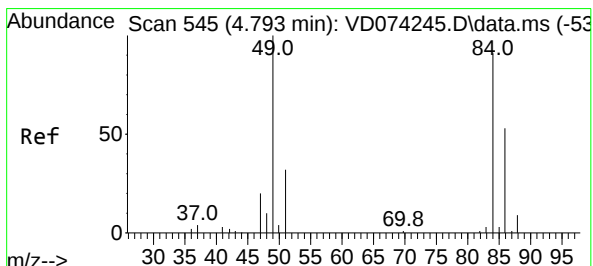
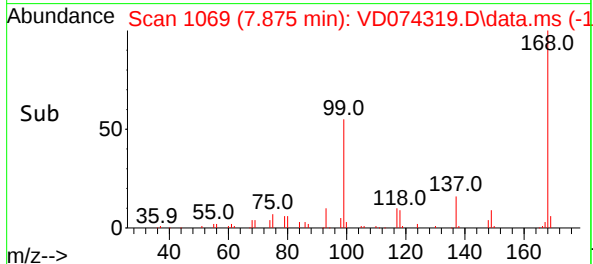
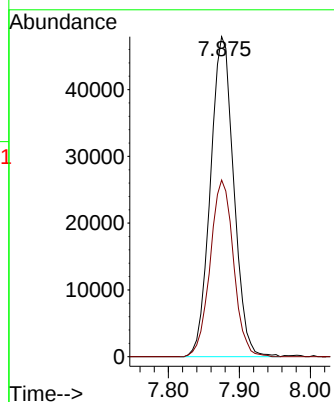
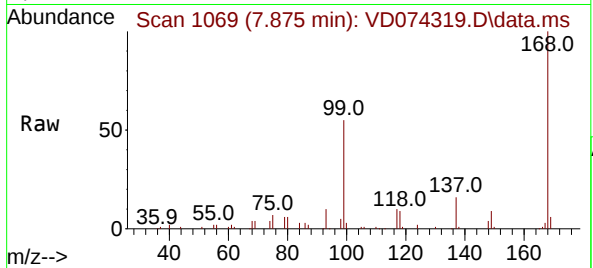




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

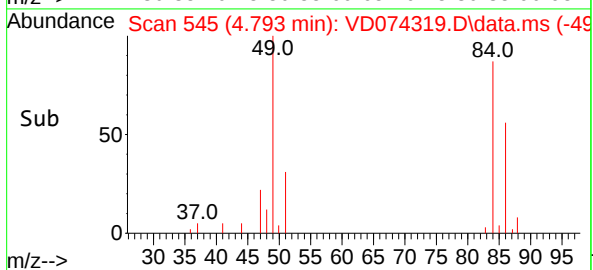
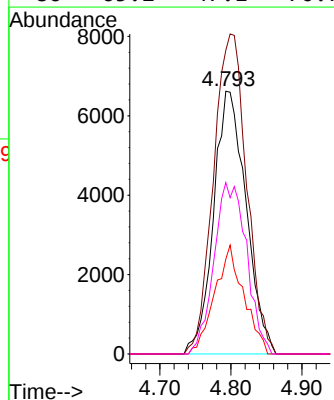
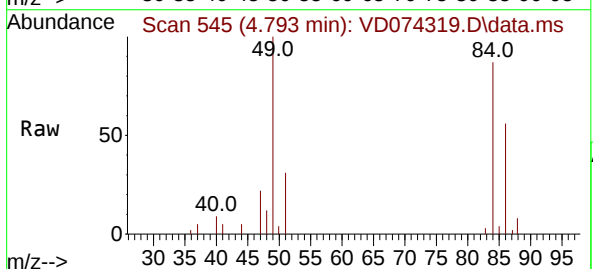
Instrument :
MSVOA_D
ClientSampleId :
EO-3-091422

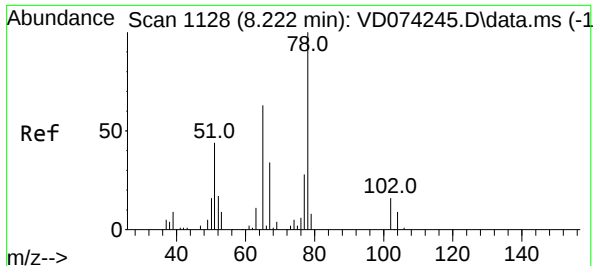
Tgt Ion:168 Resp: 109268
Ion Ratio Lower Upper
168 100
99 55.2 43.0 64.6



#20
Methylene Chloride
Concen: 10.168 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

Tgt Ion: 84 Resp: 21014
Ion Ratio Lower Upper
84 100
49 115.5 88.4 132.6
51 36.1 28.0 42.0
86 65.2 47.1 70.7





#33

1,2-Dichloroethane-d4

Concen: 54.690 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

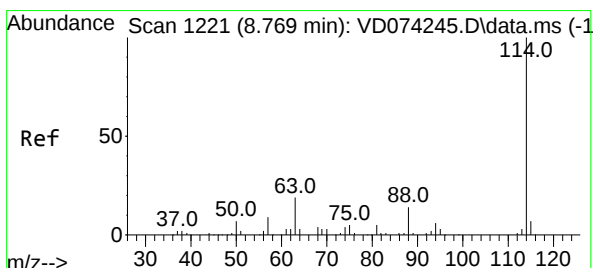
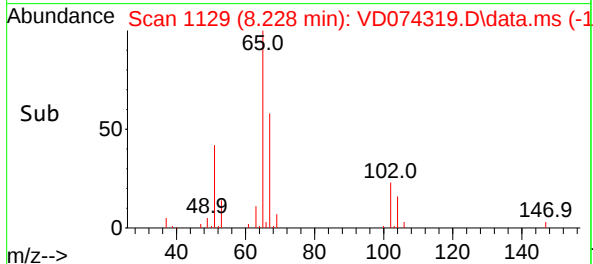
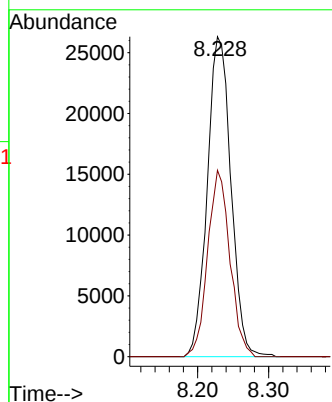
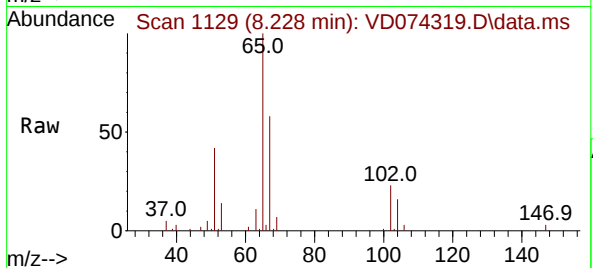
EO-3-091422

Tgt Ion: 65 Resp: 60925

Ion Ratio Lower Upper

65 100

67 54.8 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: VD074319.D

Acq: 15 Sep 2022 20:19

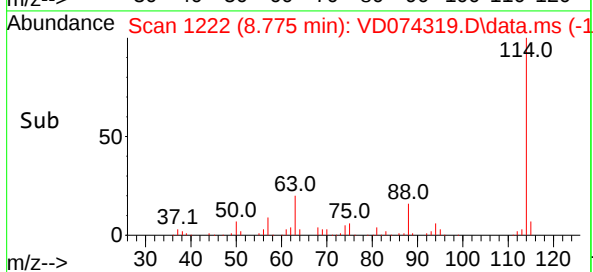
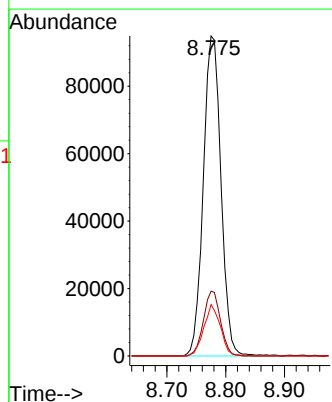
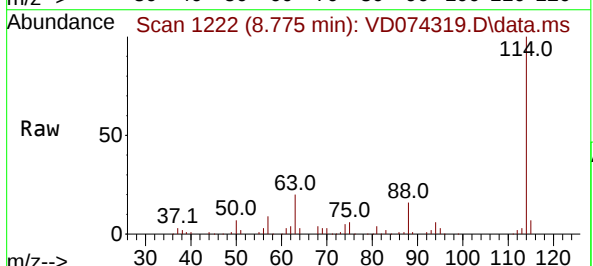
Tgt Ion: 114 Resp: 197975

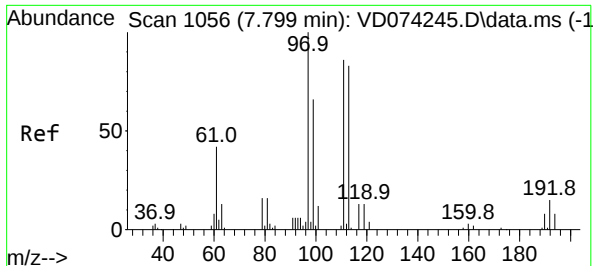
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.6

88 16.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 46.704 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074319.D

Acq: 15 Sep 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

EO-3-091422

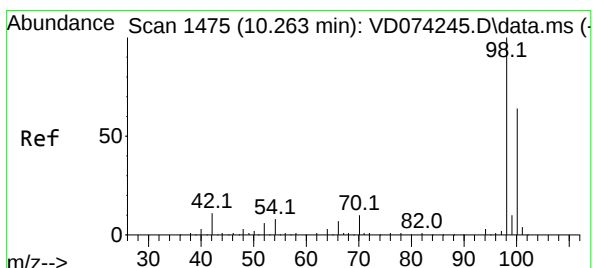
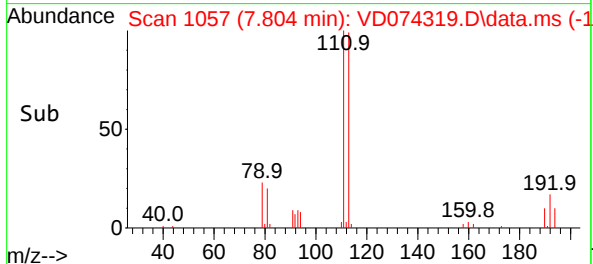
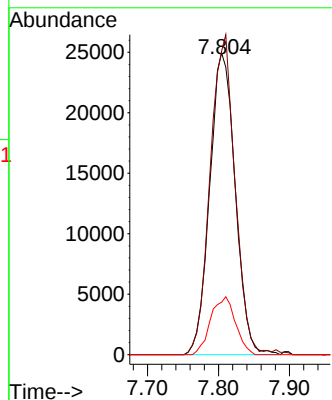
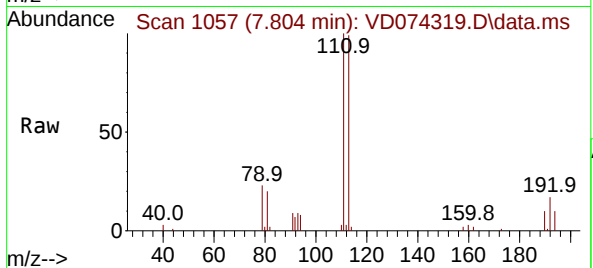
Tgt Ion:113 Resp: 62165

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

192 18.6 16.2 24.2



#50

Toluene-d8

Concen: 50.599 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD074319.D

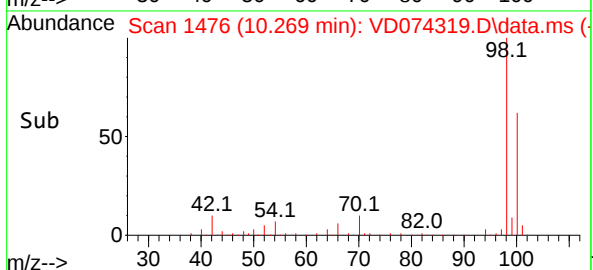
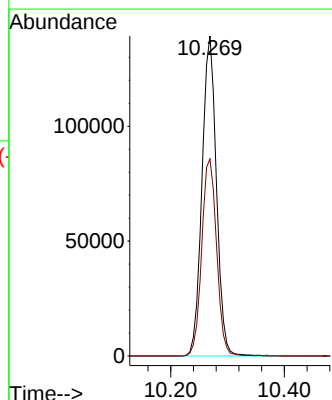
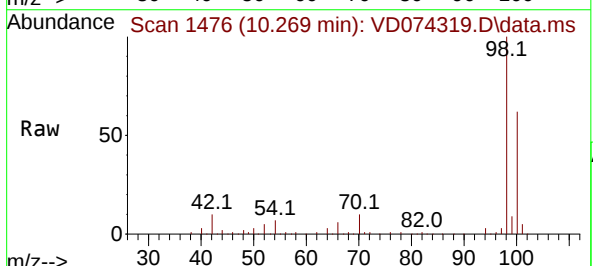
Acq: 15 Sep 2022 20:19

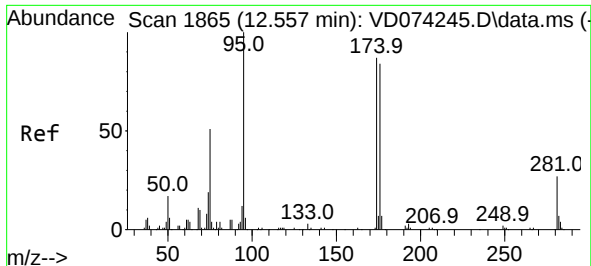
Tgt Ion: 98 Resp: 245557

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8

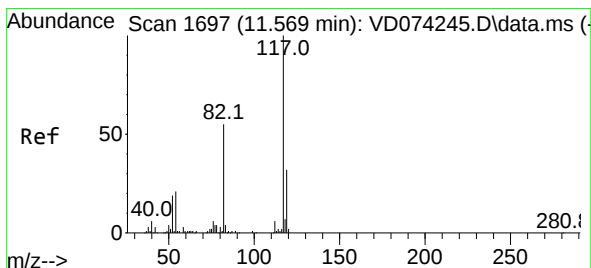
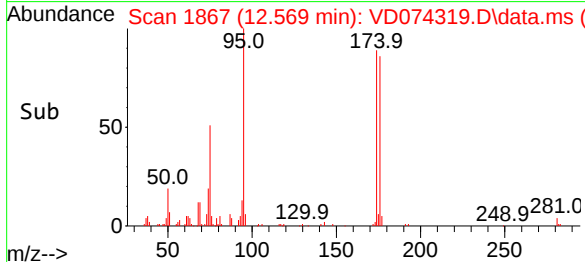
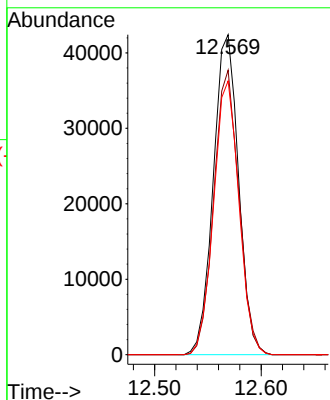
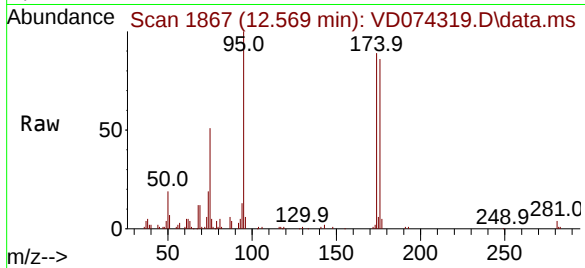




#62
4-Bromofluorobenzene
Concen: 39.742 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.012 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

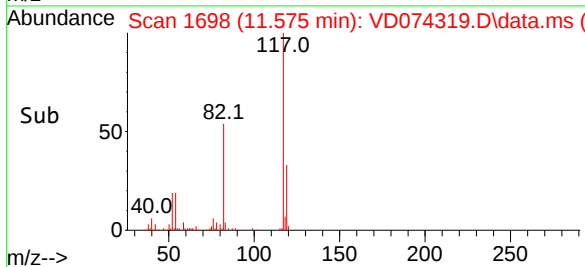
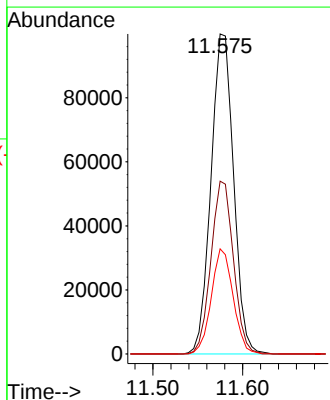
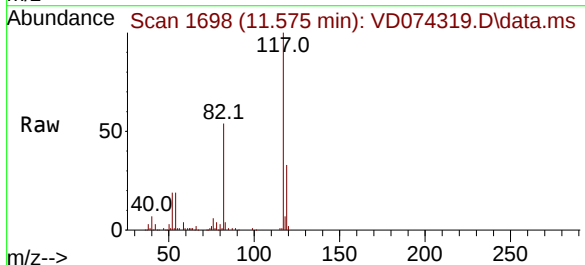
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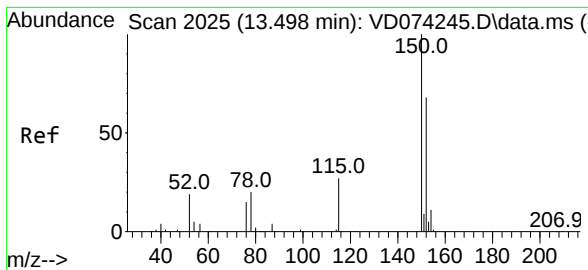
Tgt Ion: 95 Resp: 69765
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 85.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074319.D
Acq: 15 Sep 2022 20:19

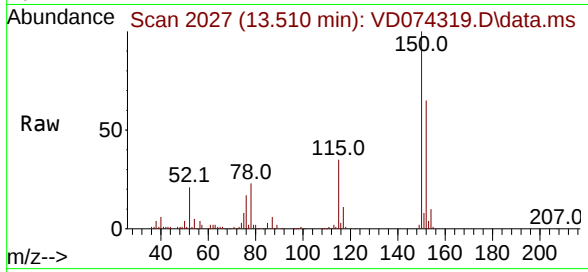
Tgt Ion: 117 Resp: 174832
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074319.D
 Acq: 15 Sep 2022 20:19

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-3-091422



Tgt Ion:	152	Resp:	77052
Ion	Ratio	Lower	Upper
152	100		
115	54.8	28.4	85.2
150	158.3	0.0	351.0

