

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073865.D
 Acq On : 19 Jul 2022 17:10
 Operator : VA/SY
 Sample : N3747-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-071522

Quant Time: Jul 20 01:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

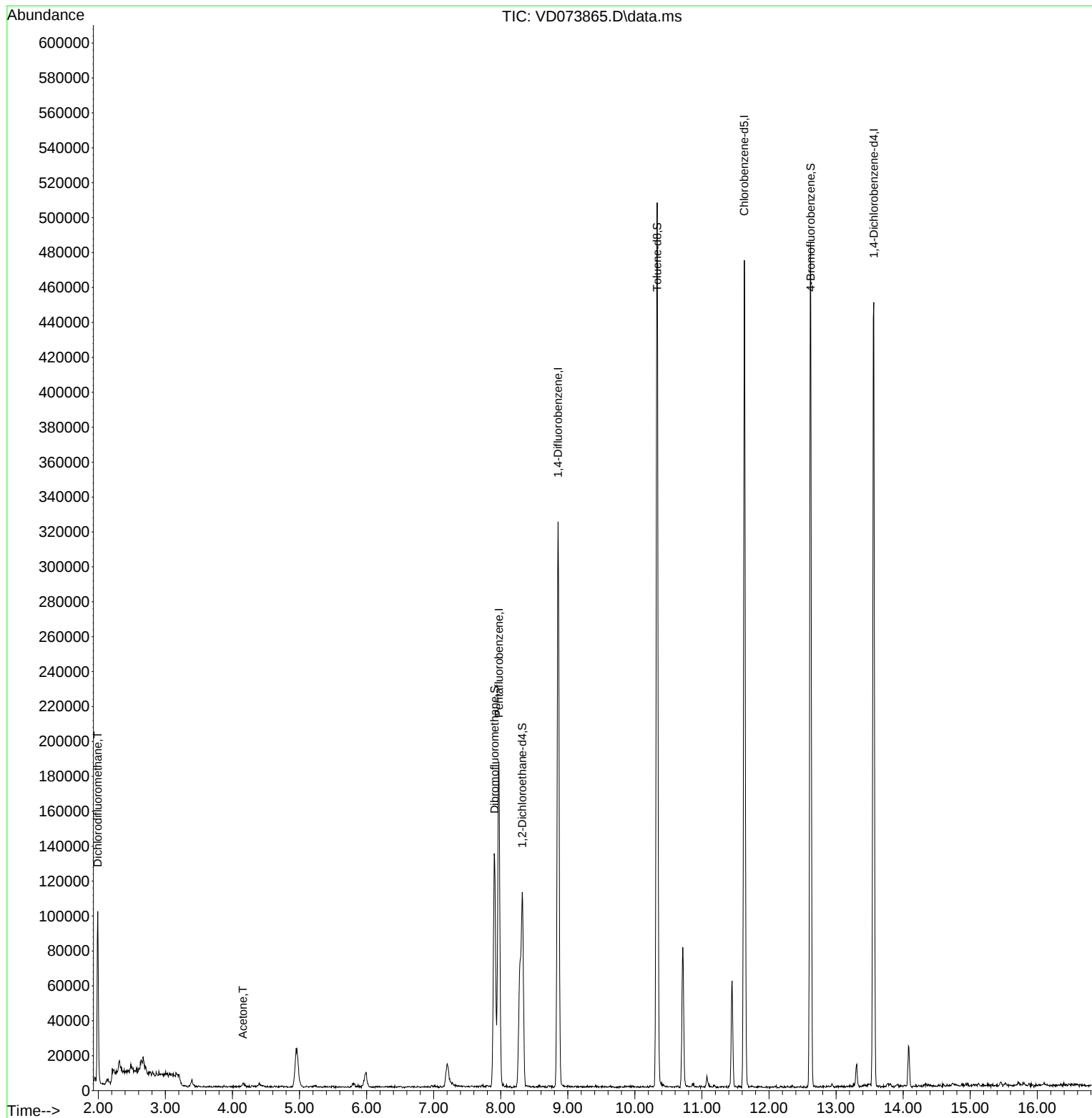
Internal Standards						
1) Pentafluorobenzene	7.973	168	132607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	274476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	260398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	82596	52.161	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.320%
35) Dibromofluoromethane	7.909	113	92308	47.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.332	98	341429	48.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.620	95	116686	48.280	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	70472	58.582	ug/l	94
16) Acetone	4.156	43	3616	13.917	ug/l #	88

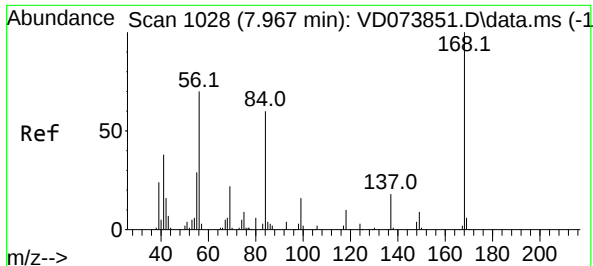
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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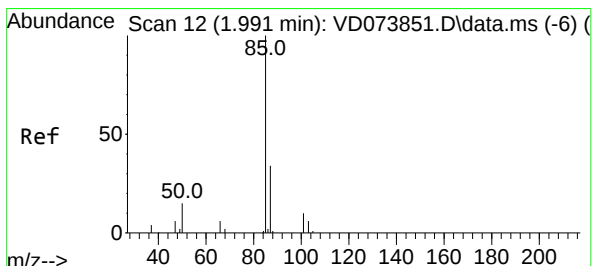
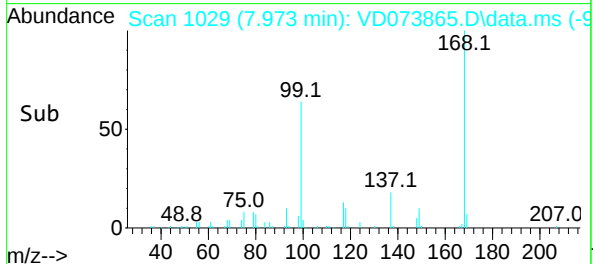
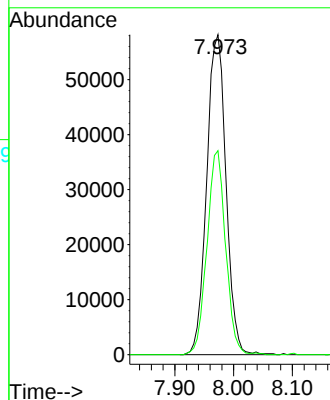
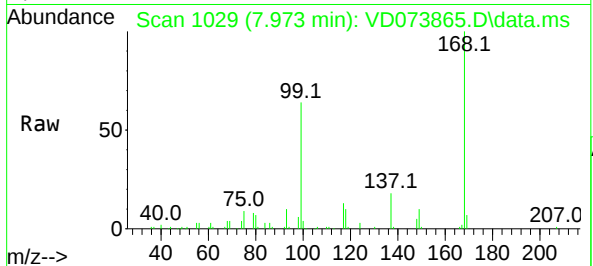




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

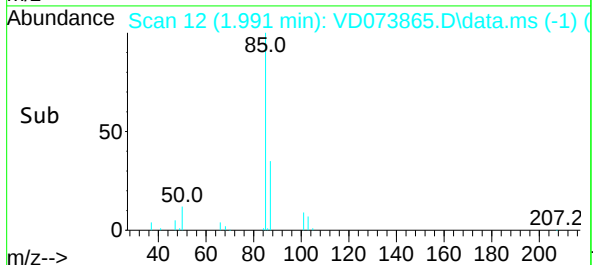
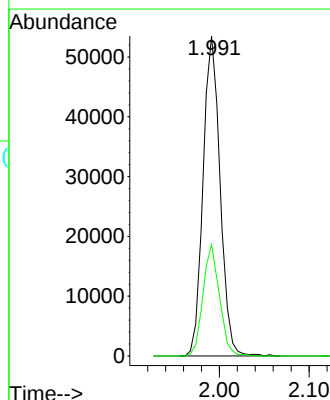
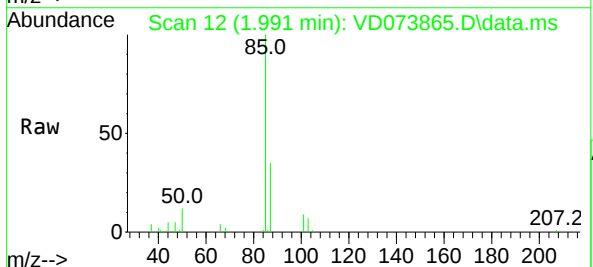
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

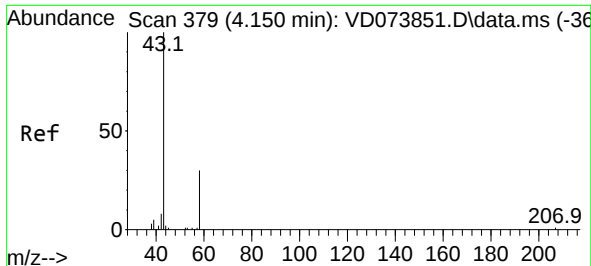
Tgt Ion:168 Resp: 132607
Ion Ratio Lower Upper
168 100
99 63.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 58.582 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

Tgt Ion: 85 Resp: 70472
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0

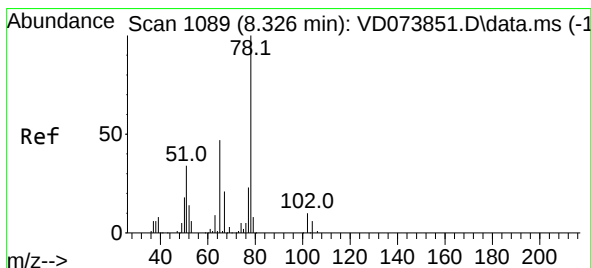
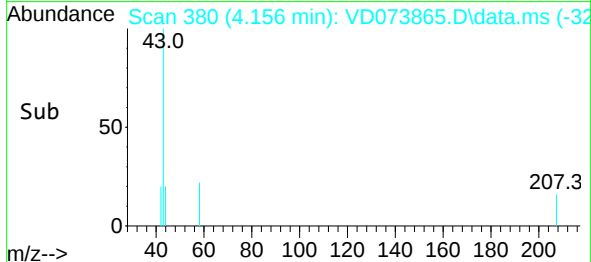
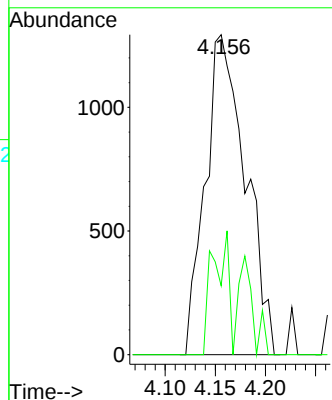
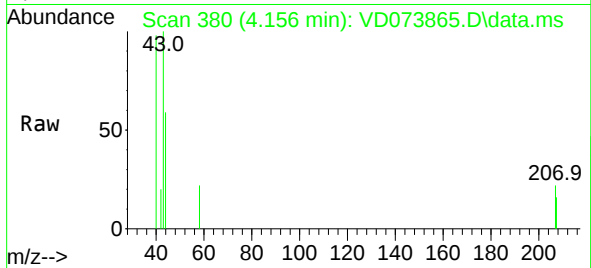




#16
Acetone
Concen: 13.917 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

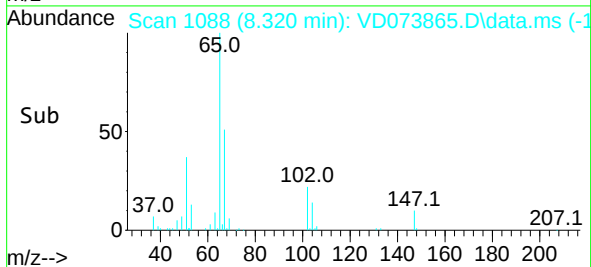
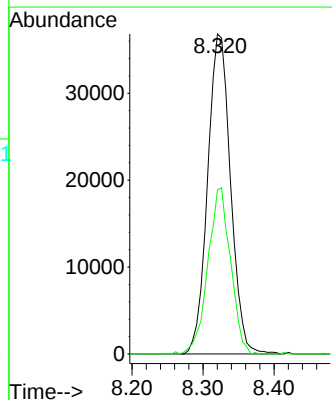
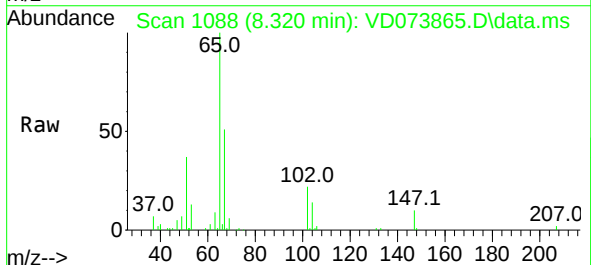
Instrument :
MSVOA_D
ClientSampleId :
OK-01-071522

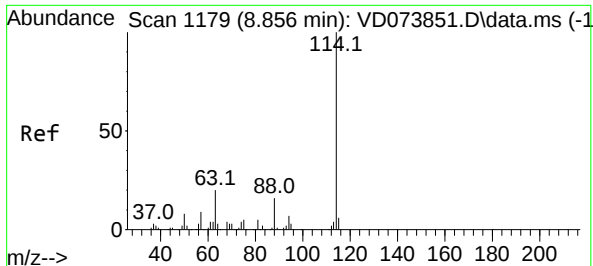
Tgt Ion: 43 Resp: 3616
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 52.161 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

Tgt Ion: 65 Resp: 82596
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073865.D

Acq: 19 Jul 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071522

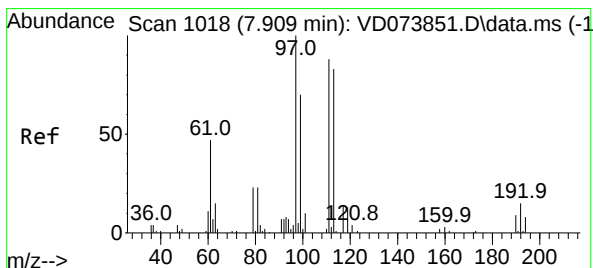
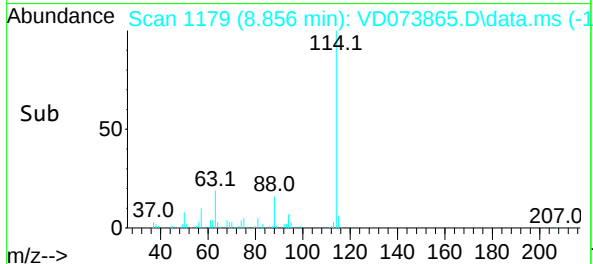
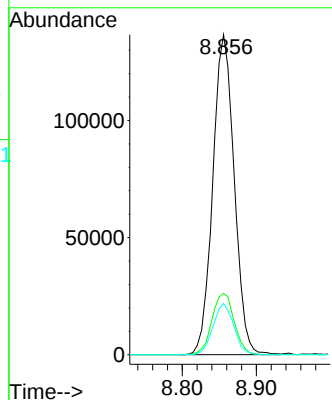
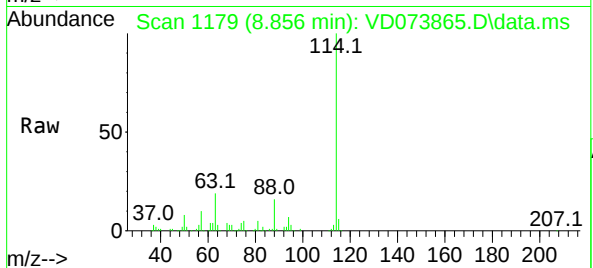
Tgt Ion:114 Resp: 274476

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.671 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073865.D

Acq: 19 Jul 2022 17:10

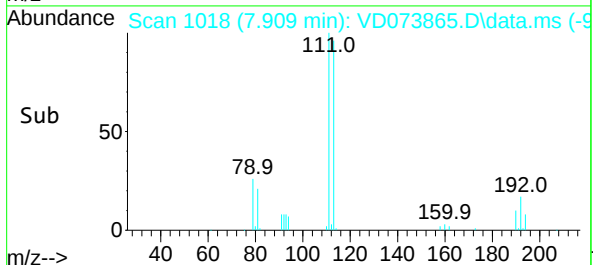
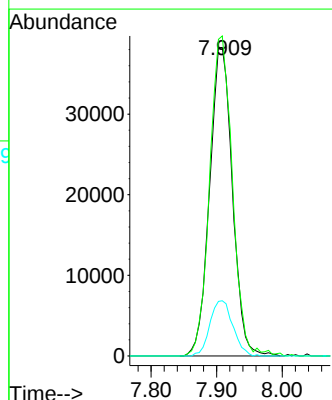
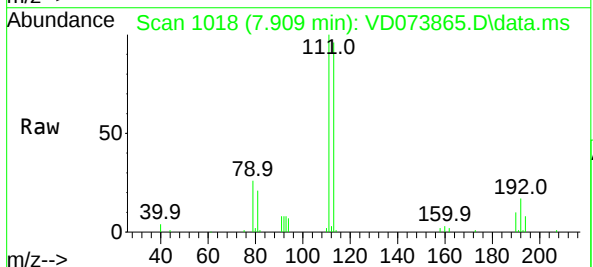
Tgt Ion:113 Resp: 92308

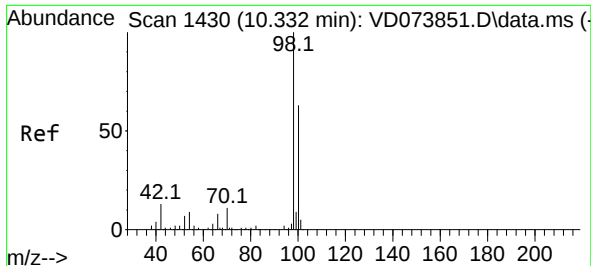
Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

192 18.0 14.6 21.8

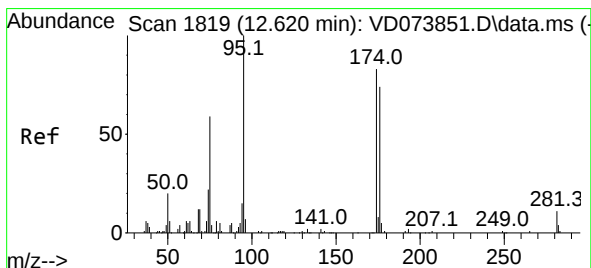
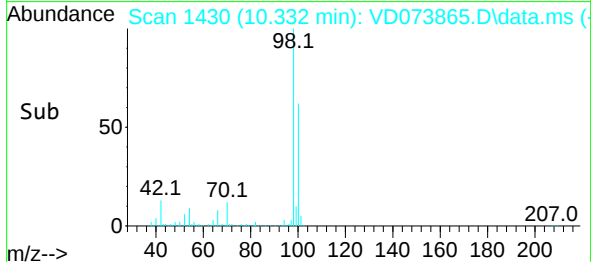
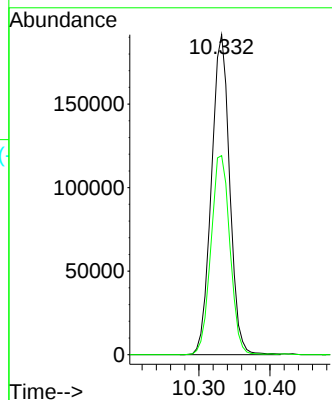
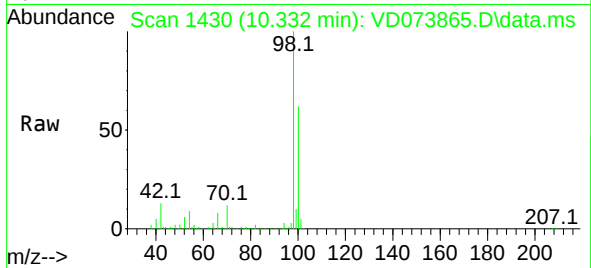




#50
Toluene-d8
Concen: 48.571 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

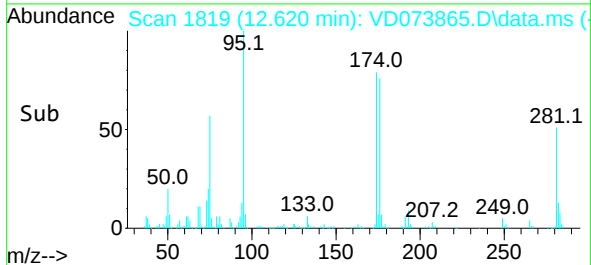
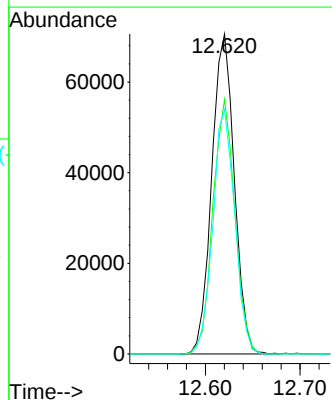
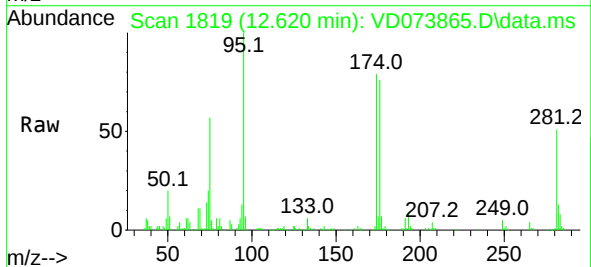
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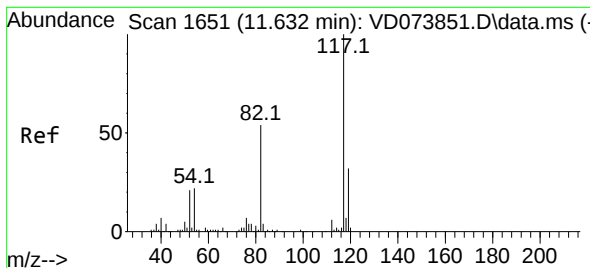
Tgt Ion: 98 Resp: 341429
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.280 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073865.D
Acq: 19 Jul 2022 17:10

Tgt Ion: 95 Resp: 116686
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073865.D

Acq: 19 Jul 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

OK-01-071522

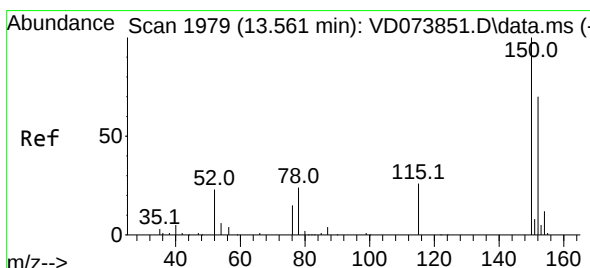
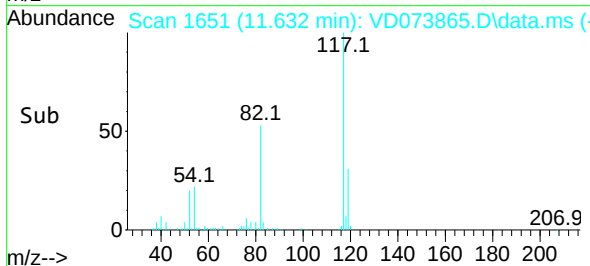
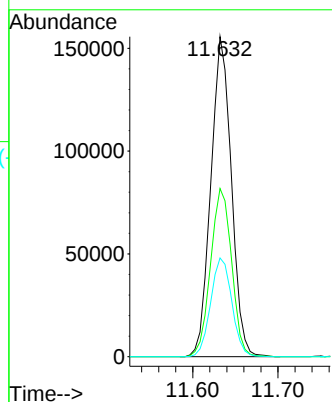
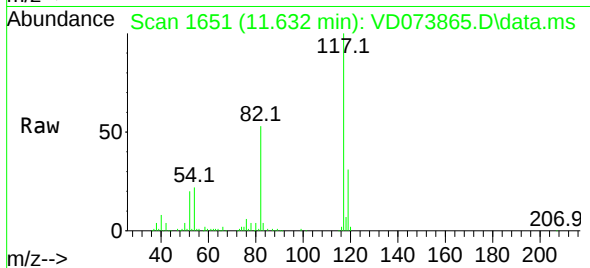
Tgt Ion:117 Resp: 260398

Ion Ratio Lower Upper

117 100

82 52.6 45.3 67.9

119 30.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073865.D

Acq: 19 Jul 2022 17:10

Tgt Ion:152 Resp: 116005

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.8

150 160.6 0.0 348.6

