

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073894.D
 Acq On : 21 Jul 2022 13:57
 Operator : VA/SY
 Sample : N3810-02
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2

Quant Time: Jul 22 01:19:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

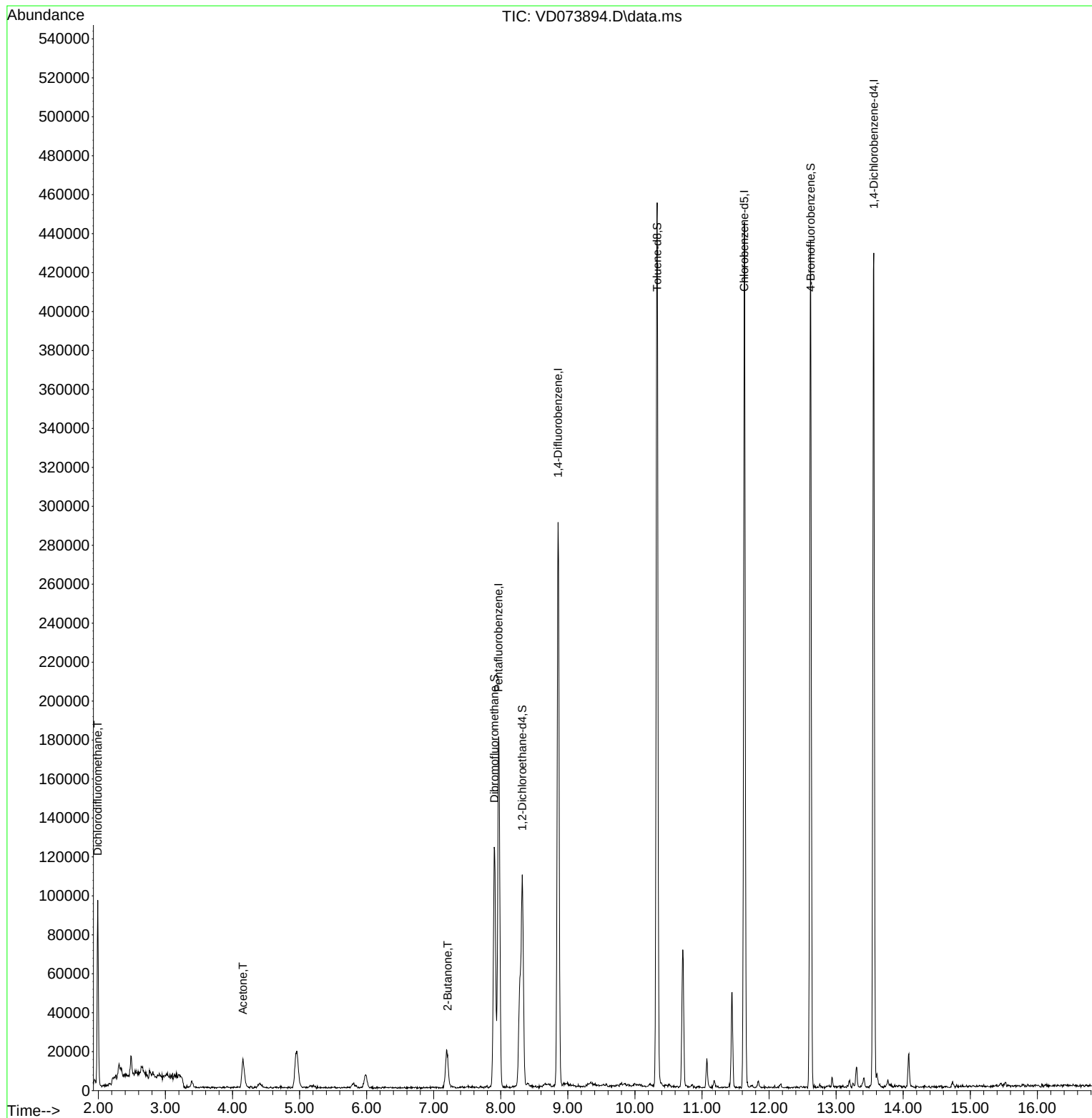
Internal Standards						
1) Pentafluorobenzene	7.967	168	128508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	243491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	80058	52.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.340%	
35) Dibromofluoromethane	7.902	113	86111	48.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.520%	
50) Toluene-d8	10.332	98	308721	48.157	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	12.620	95	107099	48.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.180%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	65289	55.909	ug/l	97
16) Acetone	4.155	43	25511	101.314	ug/l #	88
25) 2-Butanone	7.208	43	6882	19.256	ug/l	97

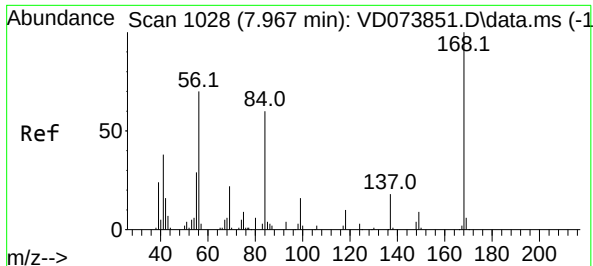
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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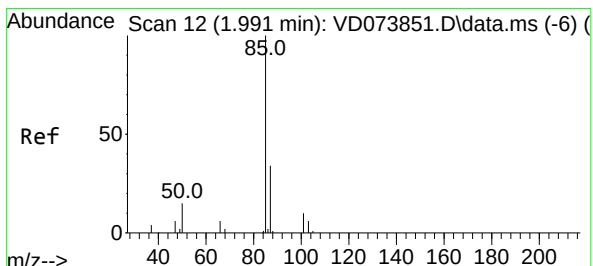
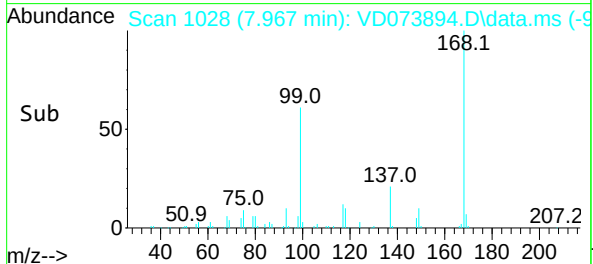
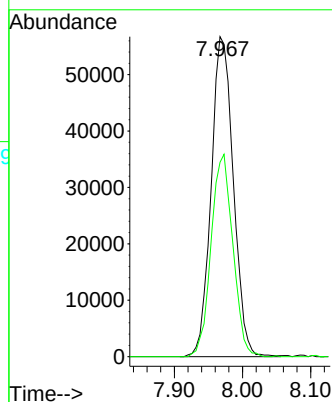
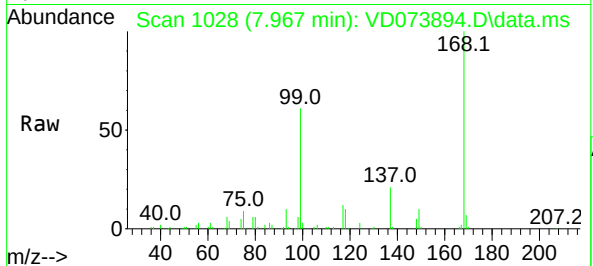




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.000 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

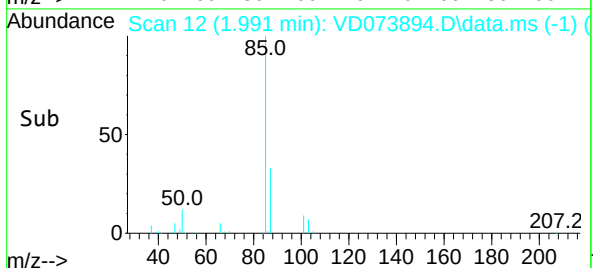
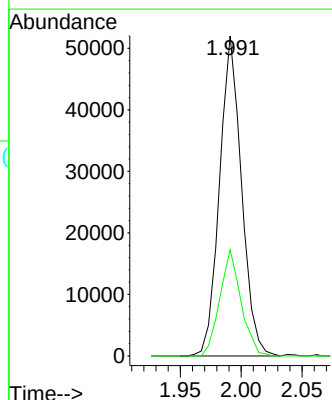
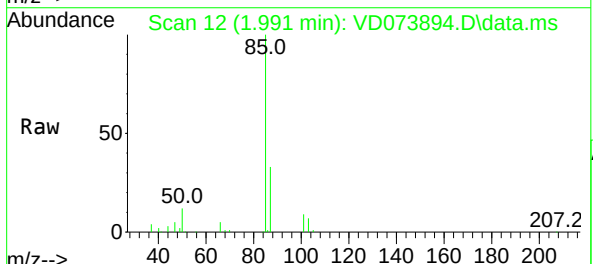
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

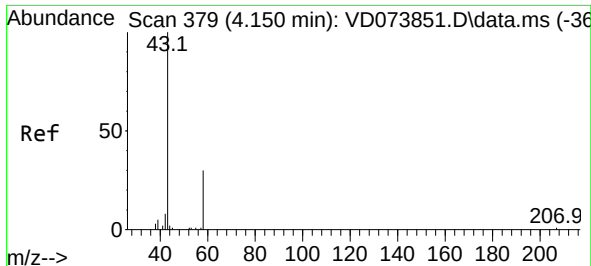
Tgt Ion:168 Resp: 128508
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 55.909 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

Tgt Ion: 85 Resp: 65289
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

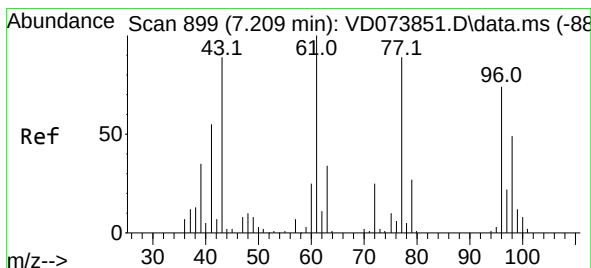
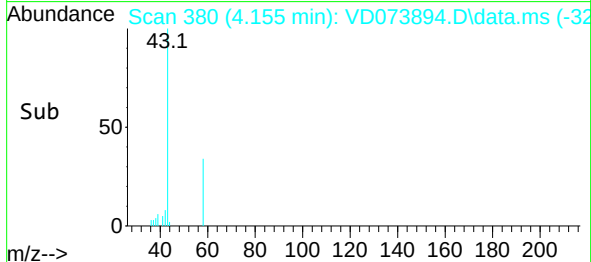
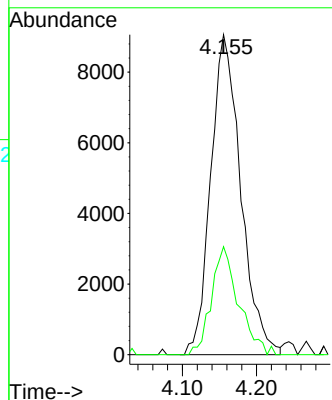
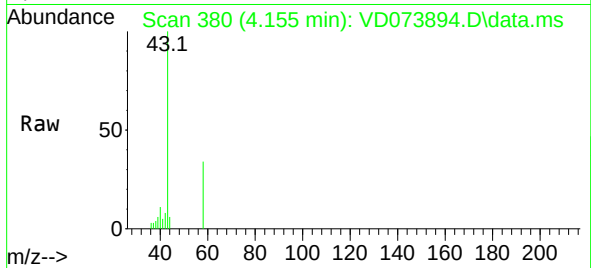




#16
Acetone
Concen: 101.314 ug/l
RT: 4.155 min Scan# 379
Delta R.T. 0.006 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

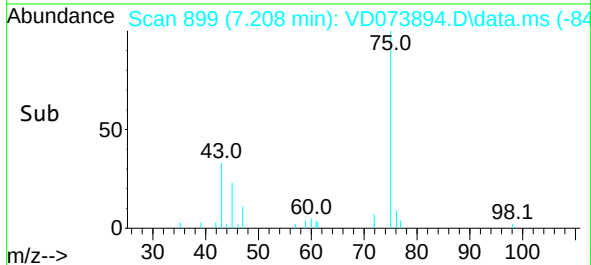
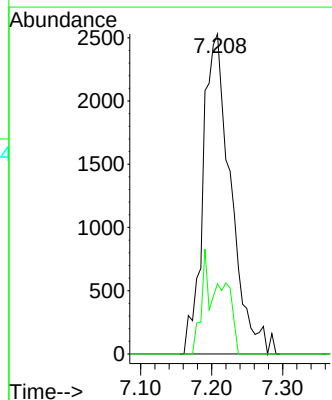
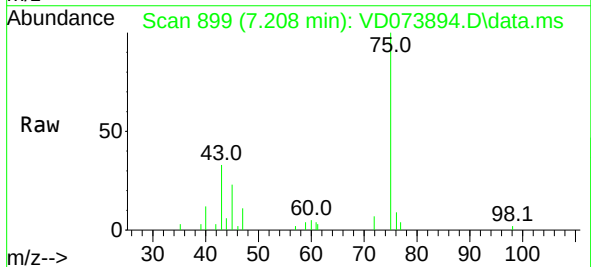
Instrument :
MSVOA_D
ClientSampleId :
COMP-2

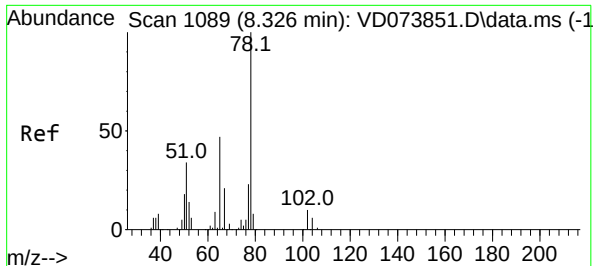
Tgt Ion: 43 Resp: 25511
Ion Ratio Lower Upper
43 100
58 33.7 22.1 33.1#



#25
2-Butanone
Concen: 19.256 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

Tgt Ion: 43 Resp: 6882
Ion Ratio Lower Upper
43 100
72 21.9 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 52.171 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073894.D

Acq: 21 Jul 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

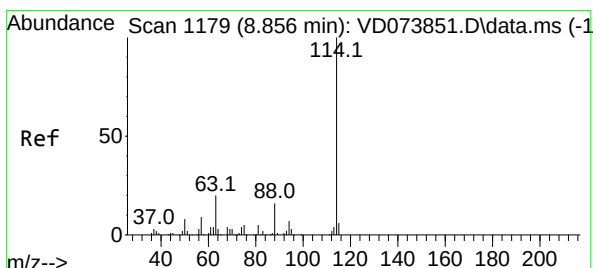
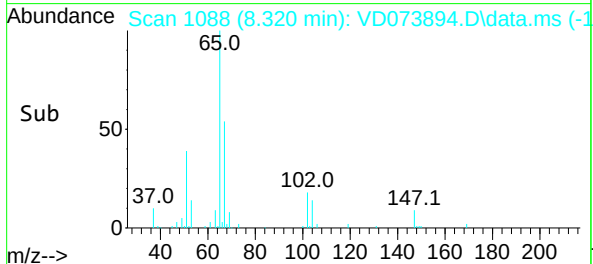
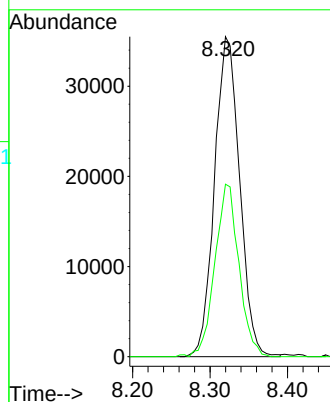
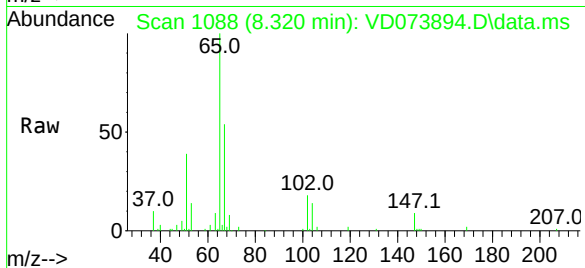
COMP-2

Tgt Ion: 65 Resp: 80058

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073894.D

Acq: 21 Jul 2022 13:57

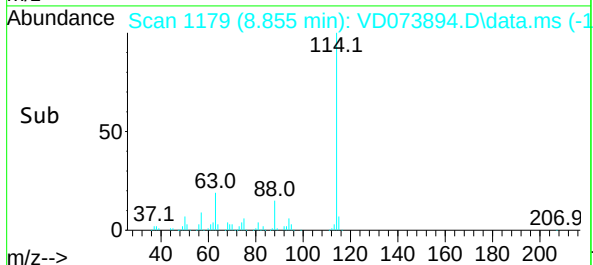
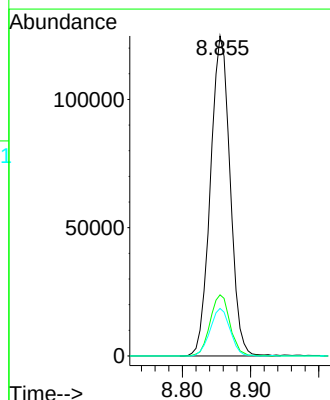
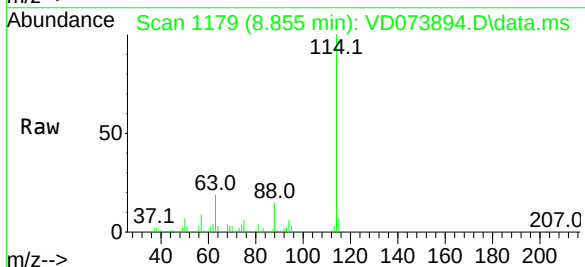
Tgt Ion: 114 Resp: 250315

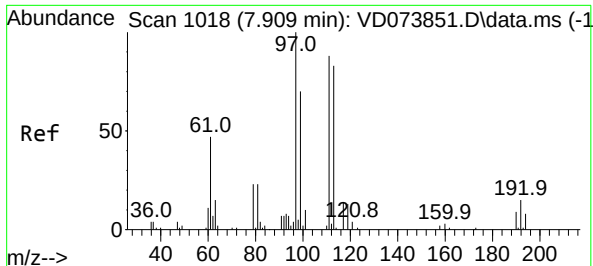
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 14.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.763 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073894.D

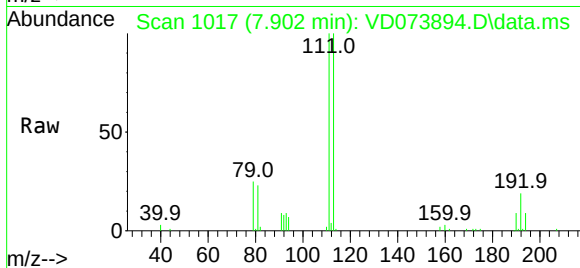
Acq: 21 Jul 2022 13:57

Instrument :

MSVOA_D

ClientSampleId :

COMP-2



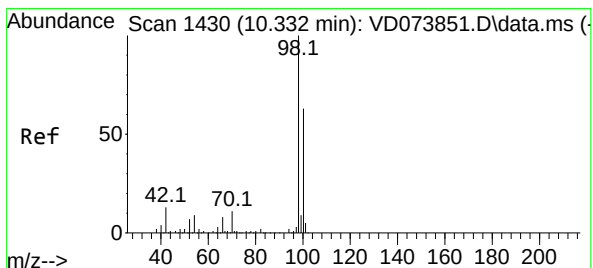
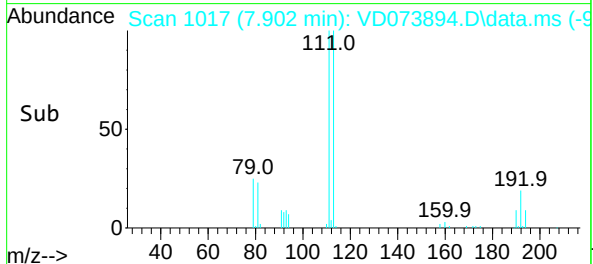
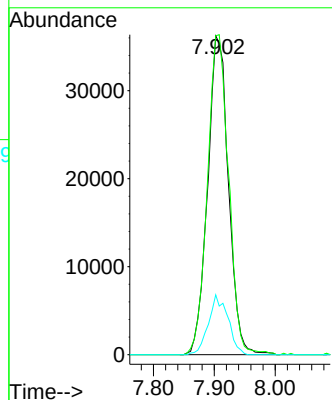
Tgt Ion:113 Resp: 86111

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.6 14.6 21.8



#50

Toluene-d8

Concen: 48.157 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073894.D

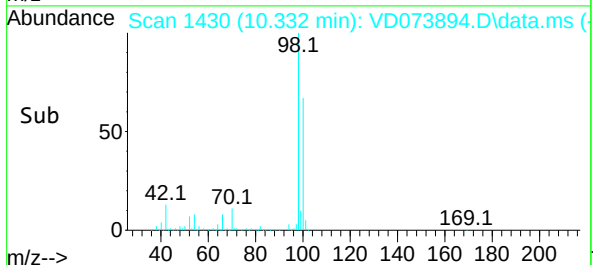
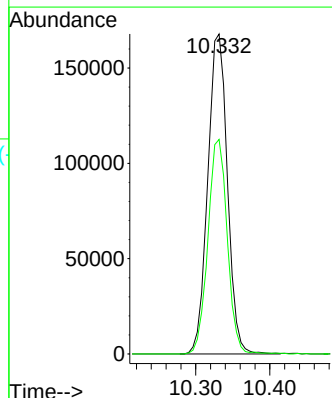
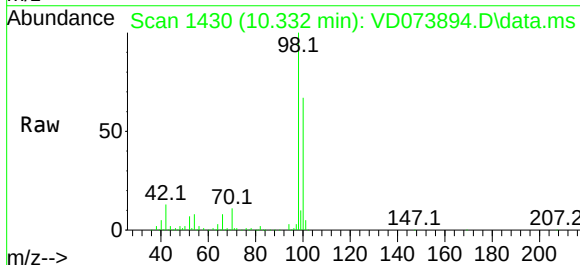
Acq: 21 Jul 2022 13:57

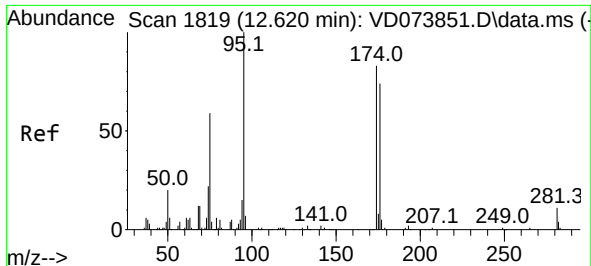
Tgt Ion: 98 Resp: 308721

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

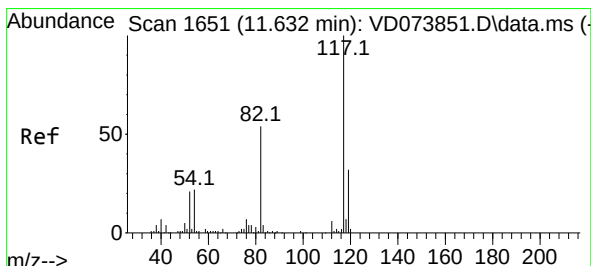
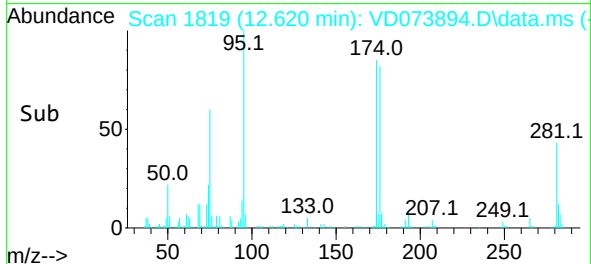
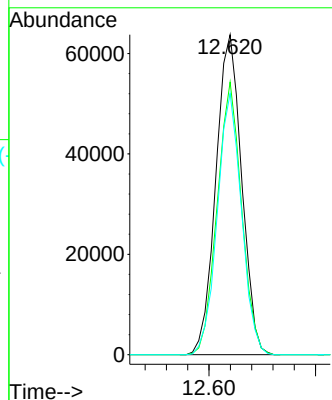
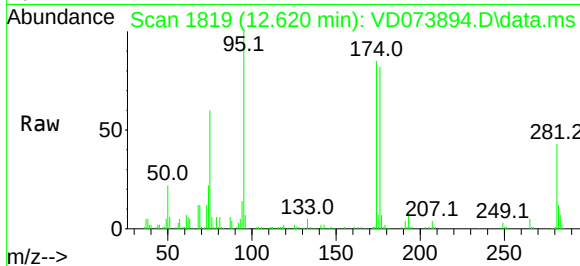




#62
4-Bromofluorobenzene
Concen: 48.590 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

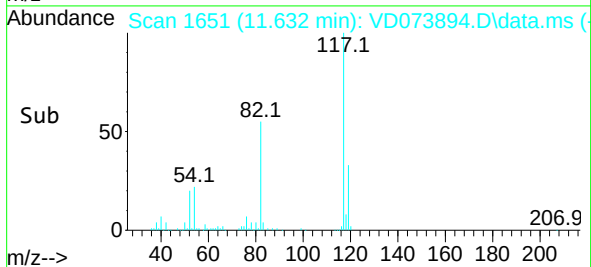
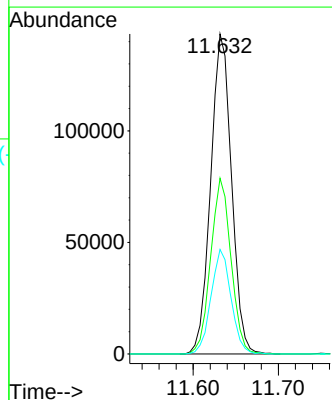
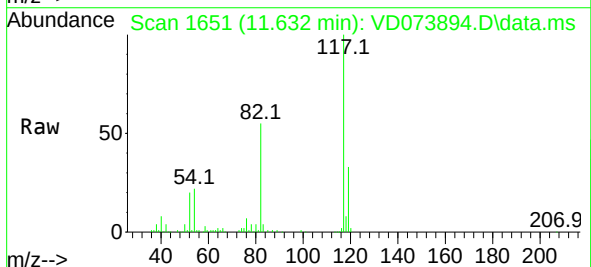
Instrument :
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COMP-2

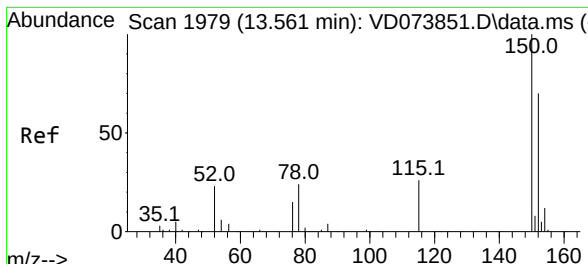
Tgt Ion: 95 Resp: 107099
Ion Ratio Lower Upper
95 100
174 80.5 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073894.D
Acq: 21 Jul 2022 13:57

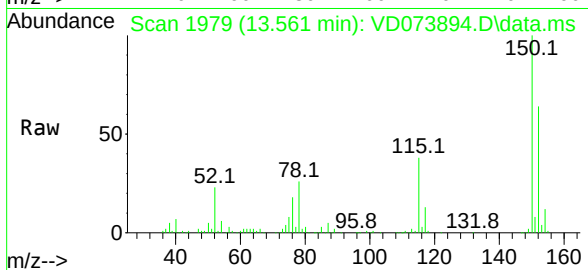
Tgt Ion: 117 Resp: 243491
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 32.6 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073894.D
 Acq: 21 Jul 2022 13:57

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2



Tgt Ion:	152	Resp:	108578
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	156.7	0.0	348.6

