

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
 Data File : VD073864.D
 Acq On : 19 Jul 2022 16:40
 Operator : VA/SY
 Sample : N3746-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-071522

Quant Time: Jul 20 01:22:45 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)

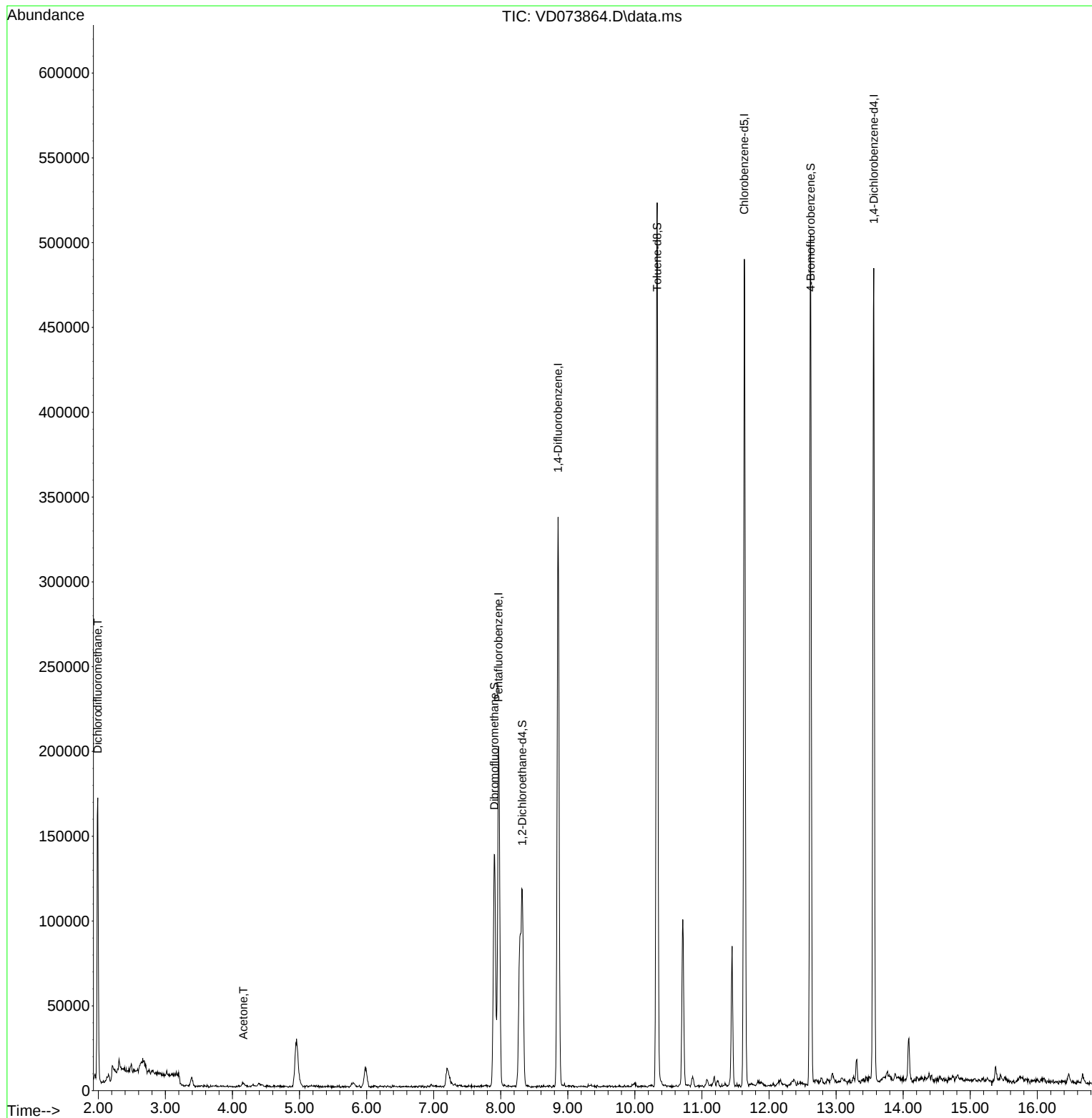
Internal Standards						
1) Pentafluorobenzene	7.967	168	143836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	288174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	272684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	125098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	86437	50.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.660%
35) Dibromofluoromethane	7.903	113	97666	48.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.332	98	353700	47.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.620	95	123348	48.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	121695	94.551	ug/l	95
16) Acetone	4.162	43	4325	15.346	ug/l #	87

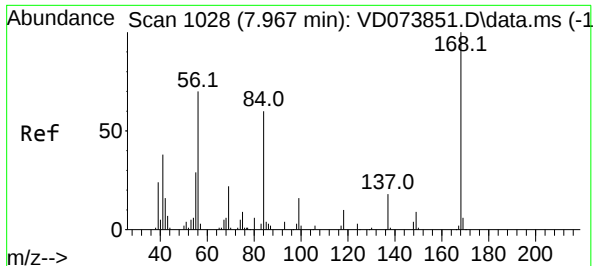
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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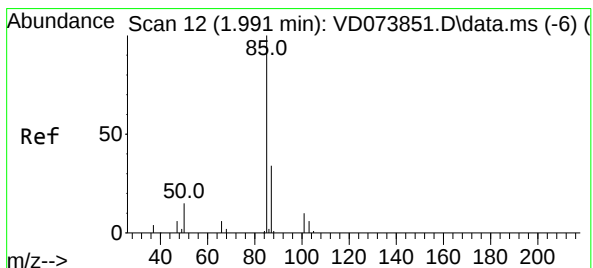
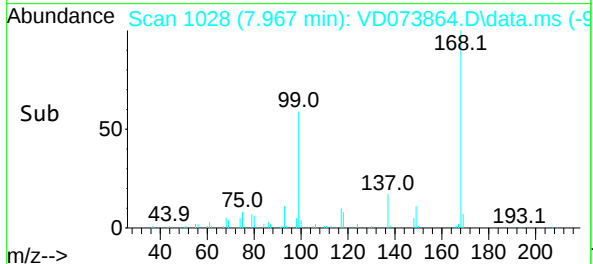
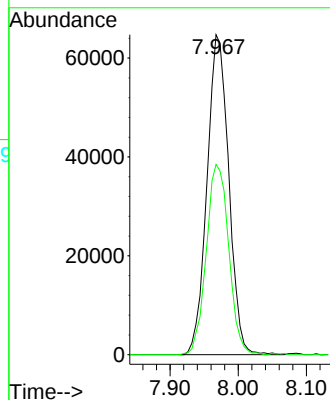
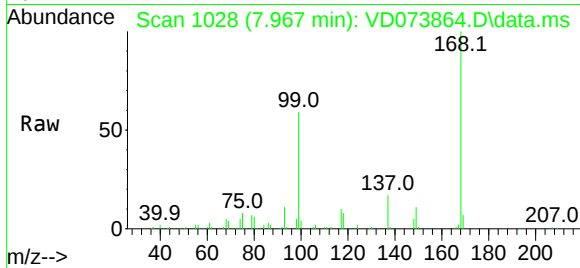




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

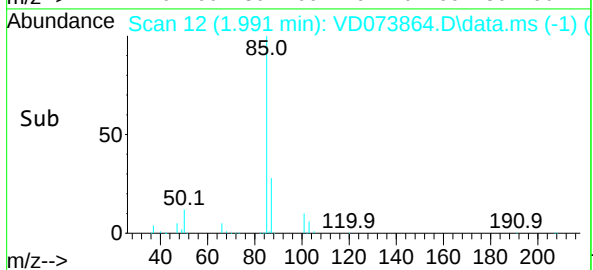
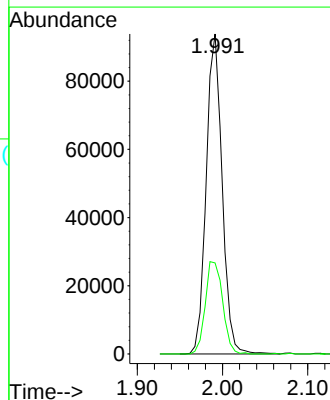
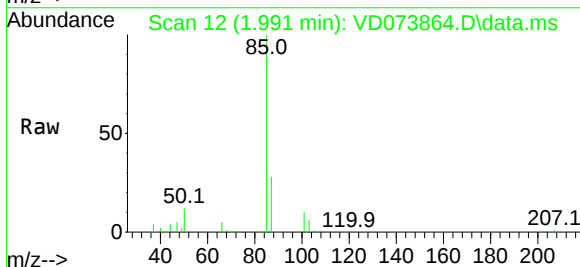
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

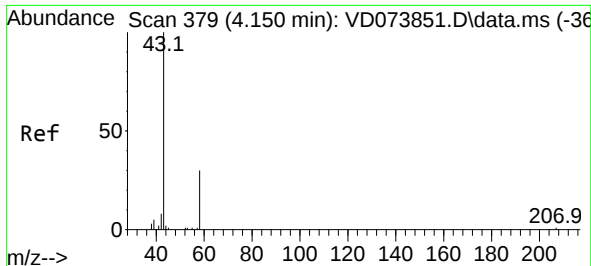
Tgt Ion:168 Resp: 143836
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 94.551 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

Tgt Ion: 85 Resp: 121695
Ion Ratio Lower Upper
85 100
87 28.5 15.7 47.0

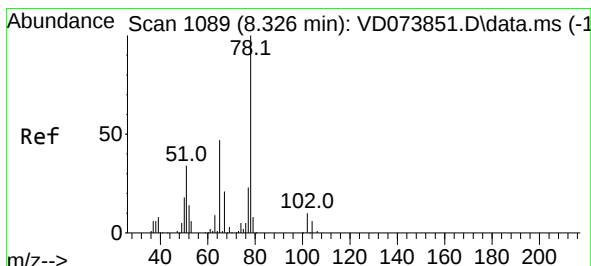
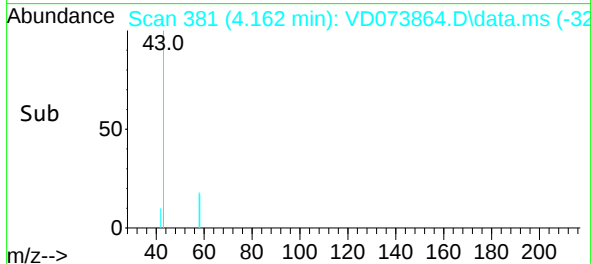
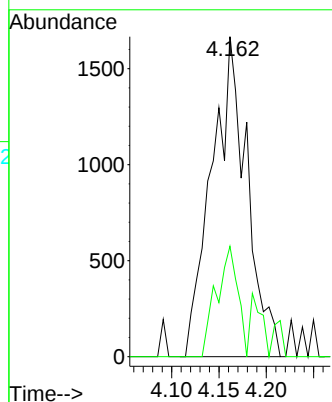
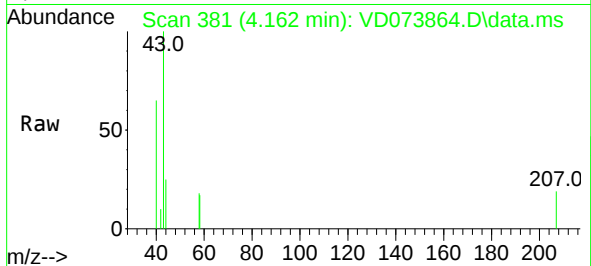




#16
Acetone
Concen: 15.346 ug/l
RT: 4.162 min Scan# 379
Delta R.T. 0.012 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

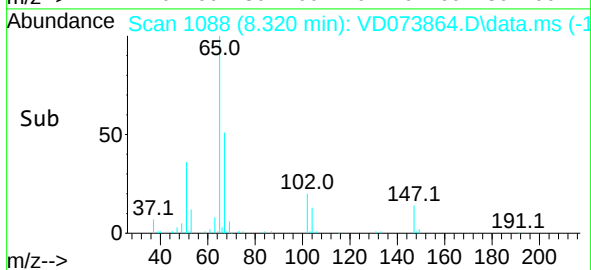
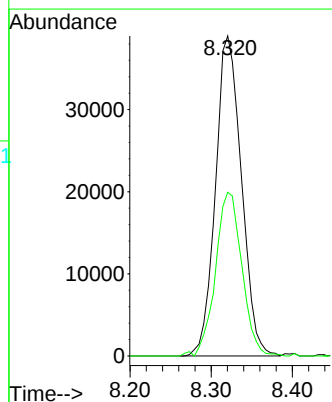
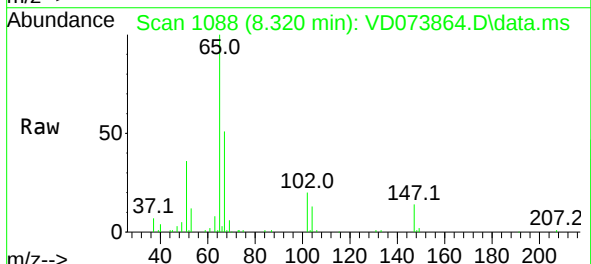
Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

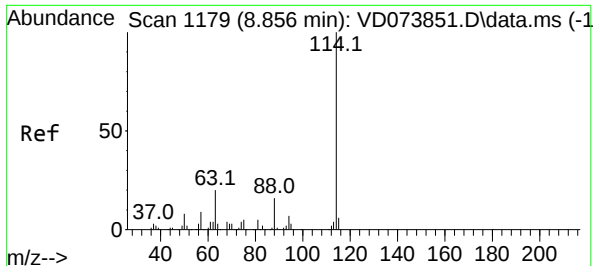
Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
58 34.5 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 50.325 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

Tgt Ion: 65 Resp: 86437
Ion Ratio Lower Upper
65 100
67 52.1 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: VD073864.D

Acq: 19 Jul 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

CL-02-071522

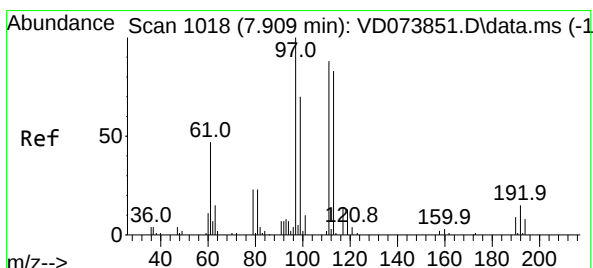
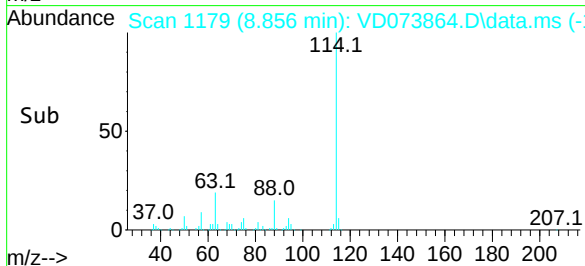
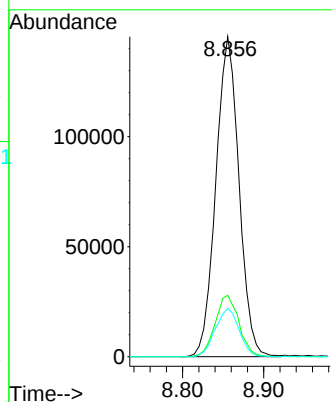
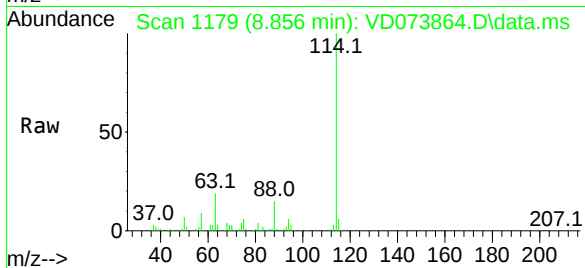
Tgt Ion:114 Resp: 288174

Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 15.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.040 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073864.D

Acq: 19 Jul 2022 16:40

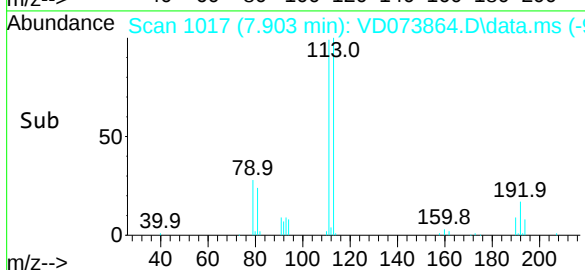
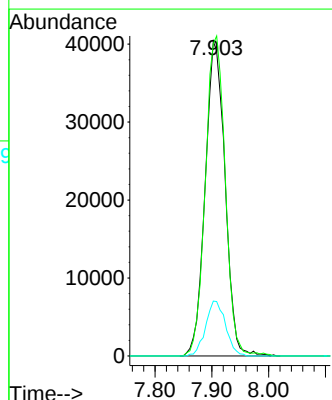
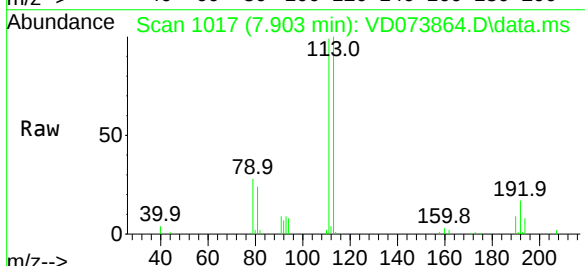
Tgt Ion:113 Resp: 97666

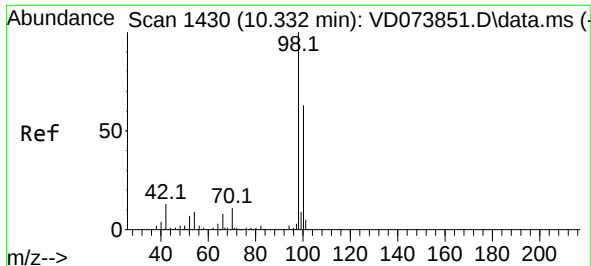
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.5 14.6 21.8

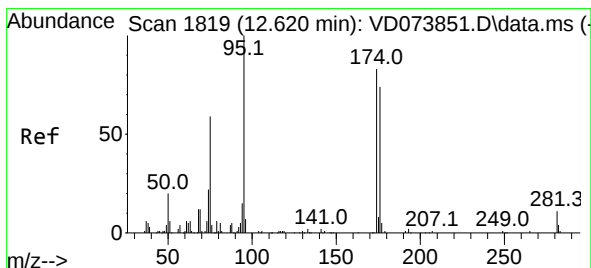
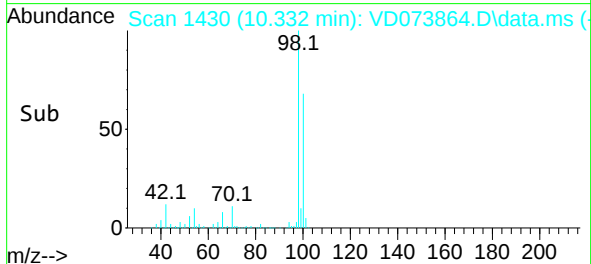
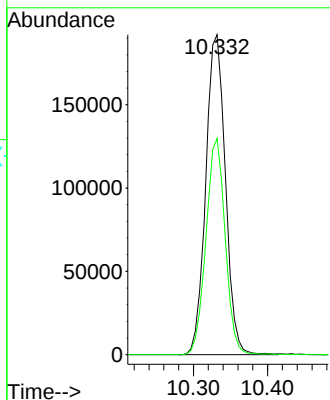
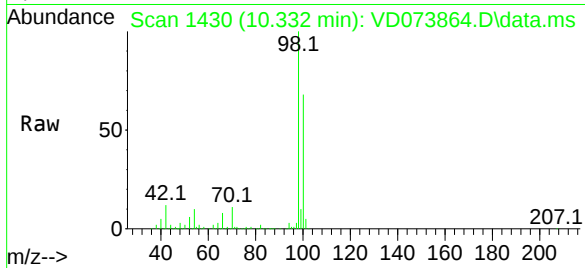




#50
Toluene-d8
Concen: 47.925 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

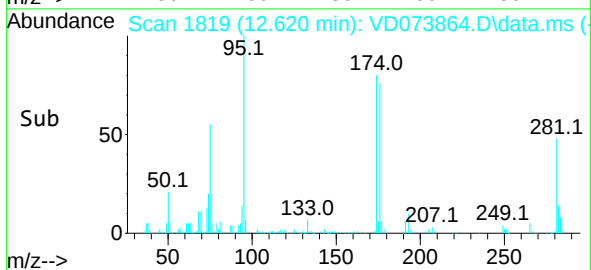
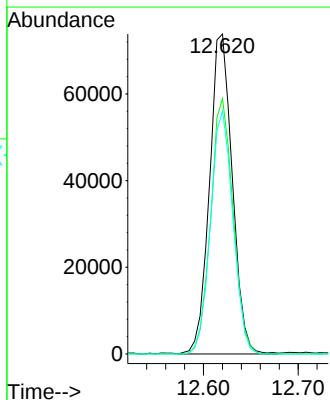
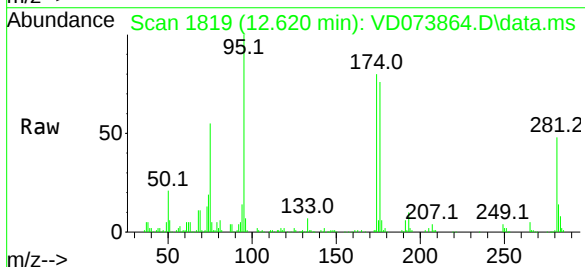
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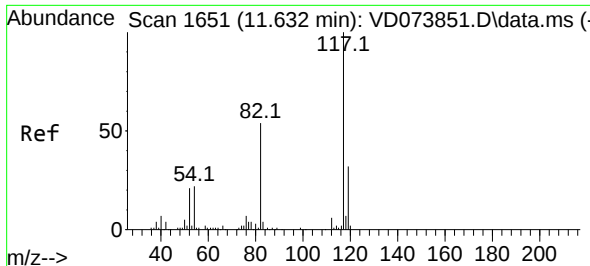
Tgt Ion: 98 Resp: 353700
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

Tgt Ion: 95 Resp: 123348
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 74.8 0.0 145.4

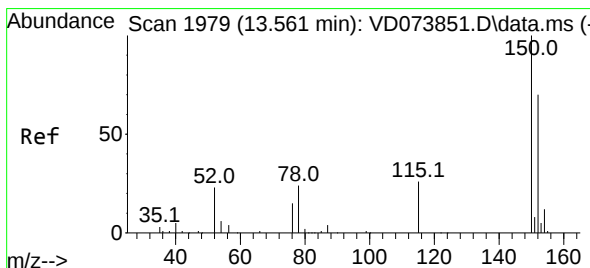
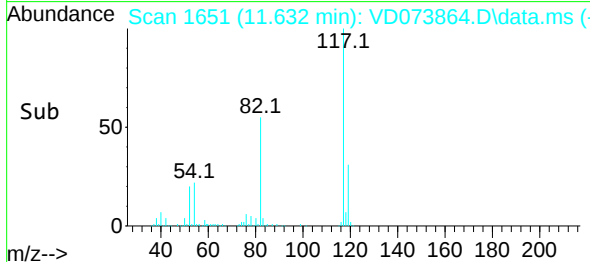
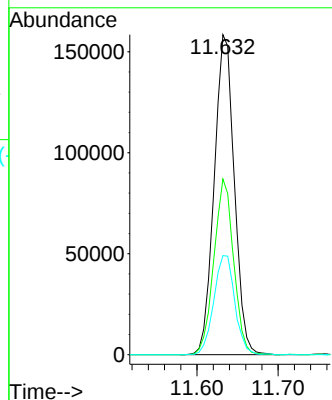
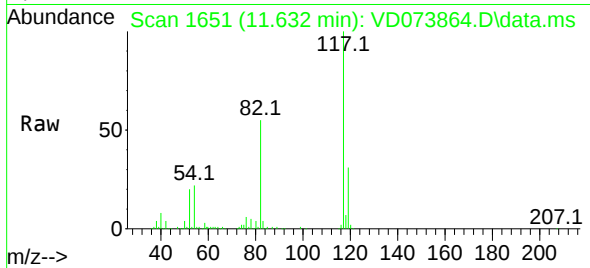




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073864.D
Acq: 19 Jul 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :
CL-02-071522

Tgt Ion:117 Resp: 272684
Ion Ratio Lower Upper
117 100
82 54.9 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: VD073864.D
Acq: 19 Jul 2022 16:40

Tgt Ion:152 Resp: 125098
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 157.0 0.0 348.6

