

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073893.D
 Acq On : 21 Jul 2022 13:26
 Operator : VA/SY
 Sample : N3810-01
 Misc : 5.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1

Quant Time: Jul 22 01:18:57 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)

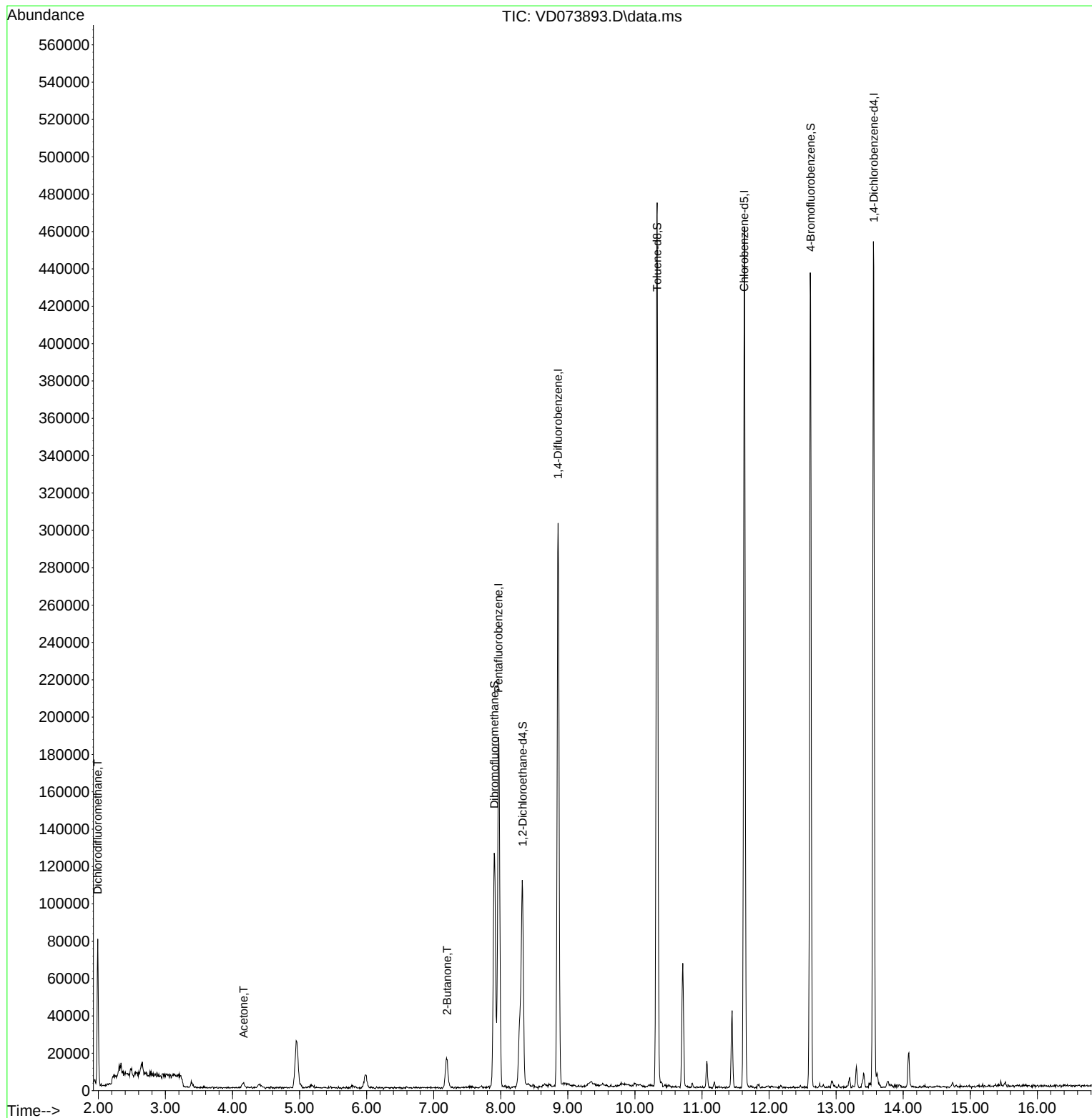
Internal Standards						
1) Pentafluorobenzene	7.967	168	134275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	260333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	249818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	116464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	83868	52.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.903	113	90620	49.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.680%	
50) Toluene-d8	10.332	98	324491	48.669	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.340%	
62) 4-Bromofluorobenzene	12.620	95	113552	49.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.080%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	53655	43.510	ug/l	97
16) Acetone	4.167	43	5398	20.517	ug/l	94
25) 2-Butanone	7.203	43	2557	6.847	ug/l	94

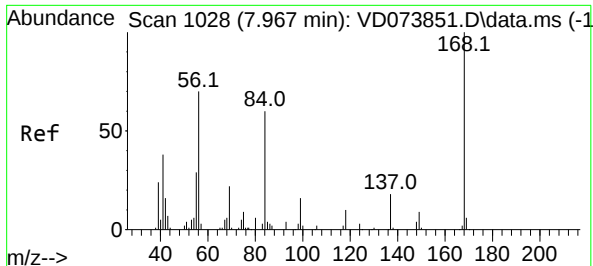
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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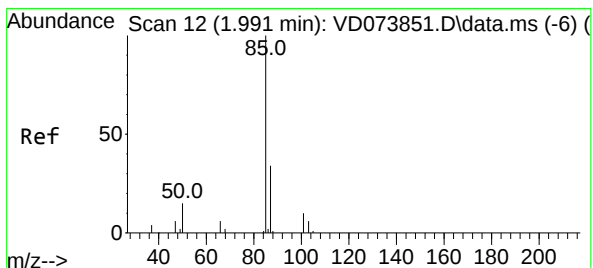
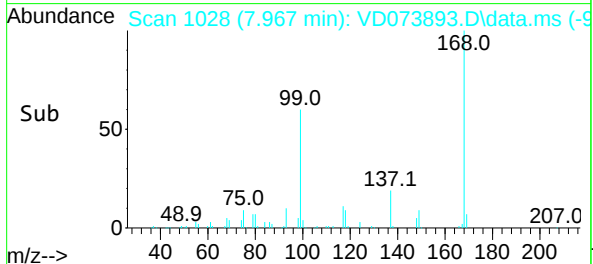
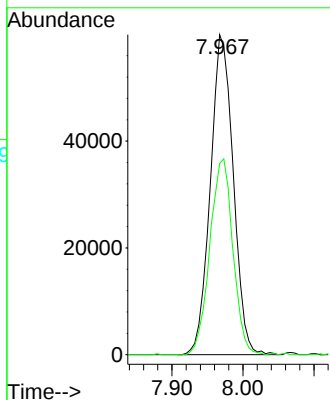
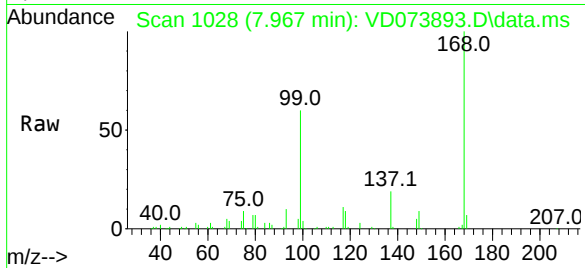




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

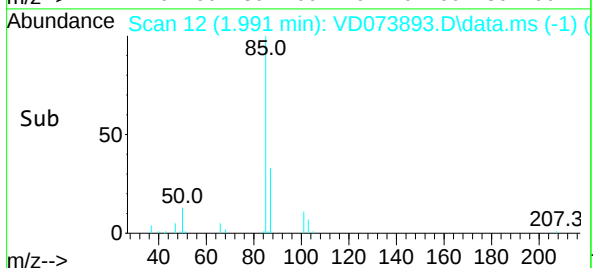
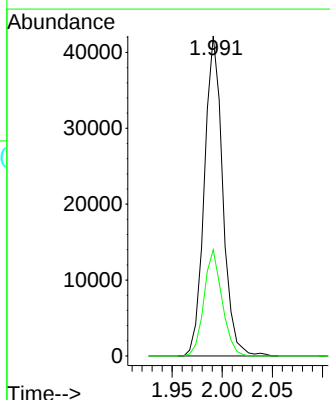
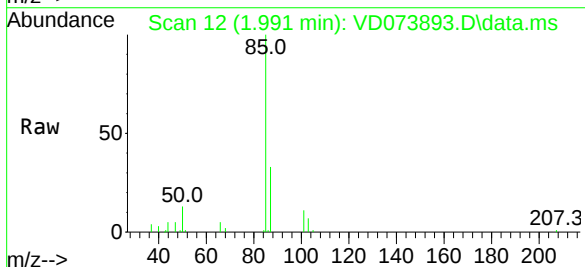
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

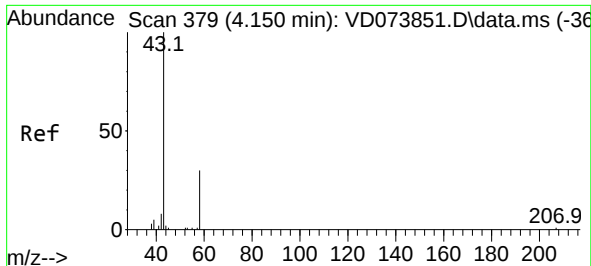
Tgt Ion:168 Resp: 134275
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.510 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

Tgt Ion: 85 Resp: 53655
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

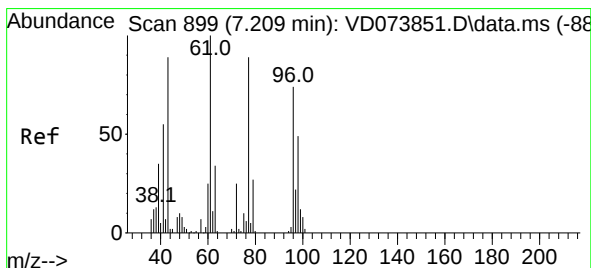
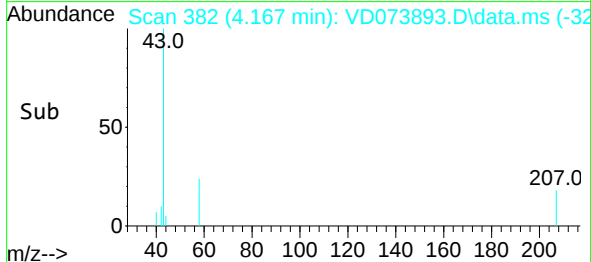
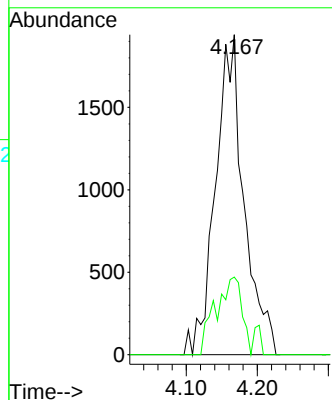
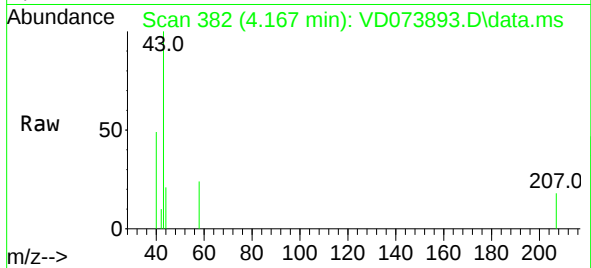




#16
Acetone
Concen: 20.517 ug/l
RT: 4.167 min Scan# 381
Delta R.T. 0.018 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

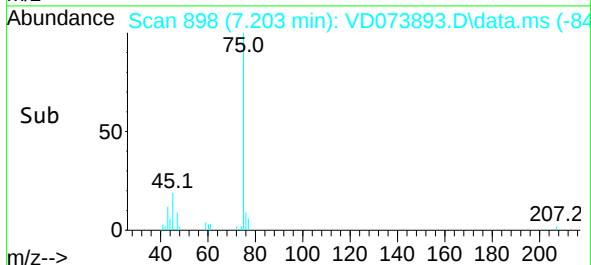
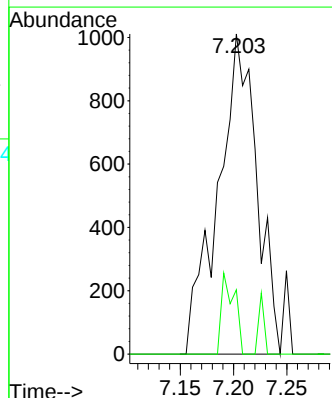
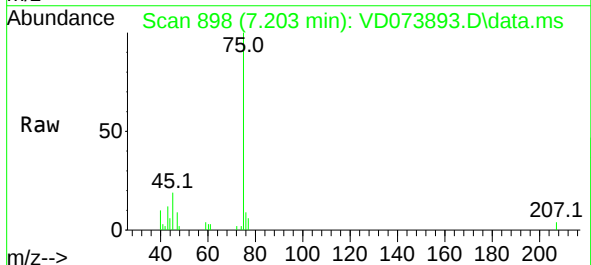
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

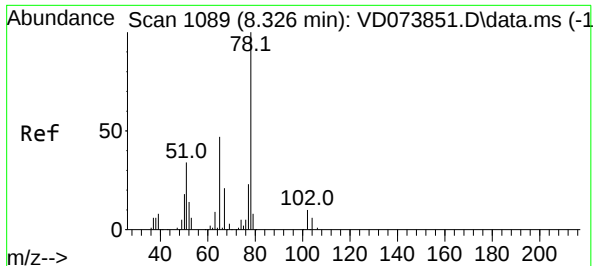
Tgt Ion: 43 Resp: 5398
Ion Ratio Lower Upper
43 100
58 24.3 22.1 33.1



#25
2-Butanone
Concen: 6.847 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

Tgt Ion: 43 Resp: 2557
Ion Ratio Lower Upper
43 100
72 20.1 18.6 27.8





#33

1,2-Dichloroethane-d4

Concen: 52.306 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073893.D

Acq: 21 Jul 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

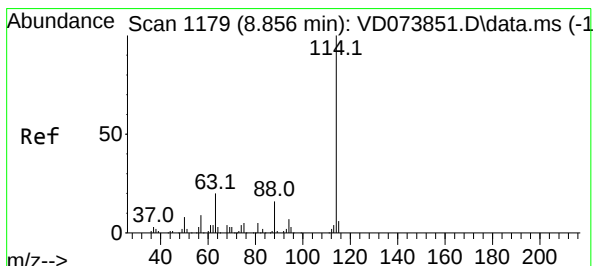
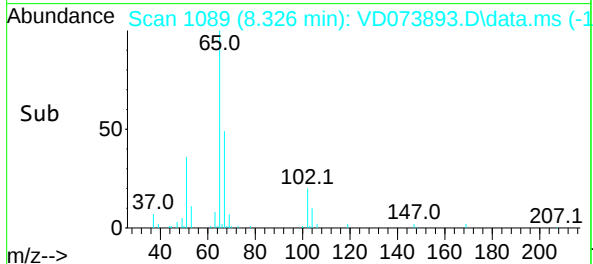
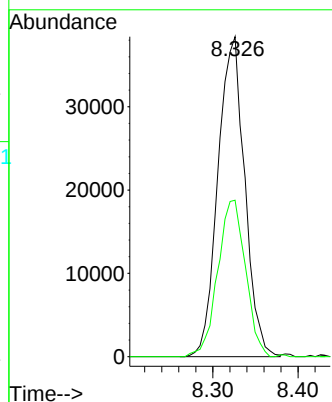
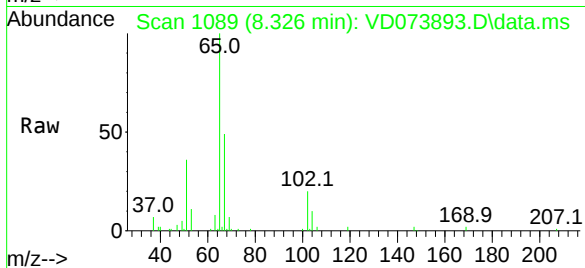
COMP-1

Tgt Ion: 65 Resp: 83868

Ion Ratio Lower Upper

65 100

67 50.6 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: VD073893.D

Acq: 21 Jul 2022 13:26

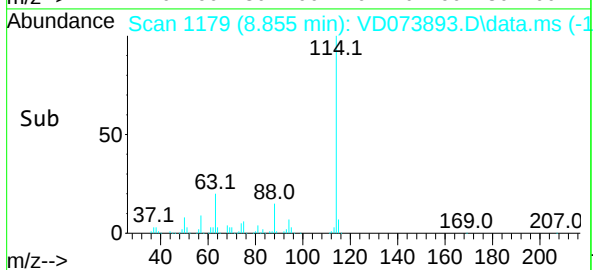
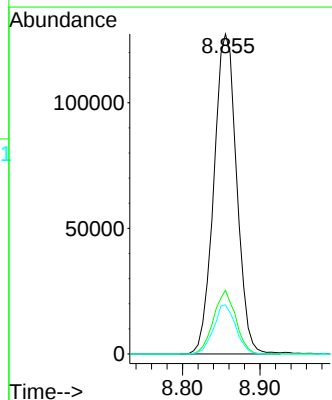
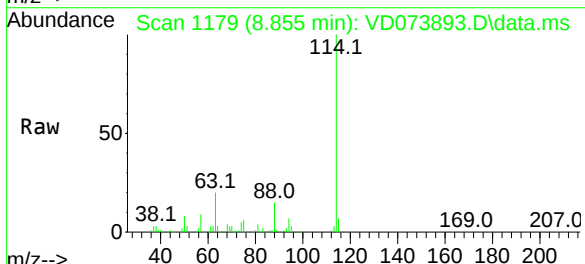
Tgt Ion: 114 Resp: 260333

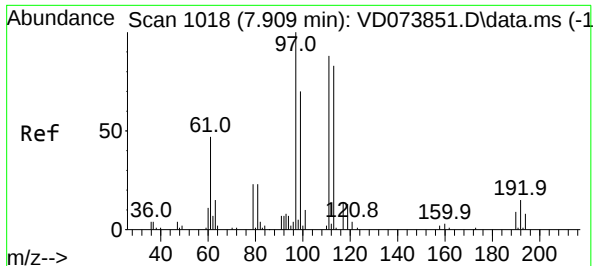
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.4 0.0 33.2

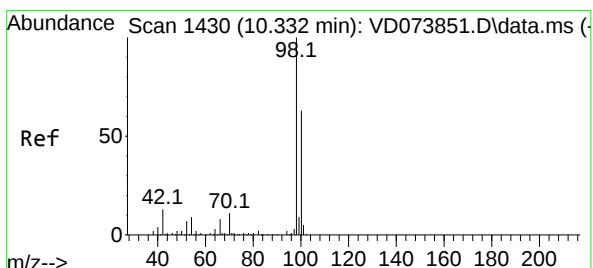
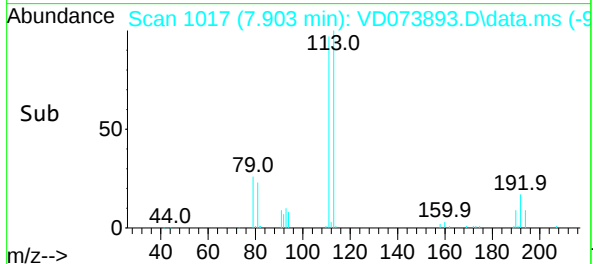
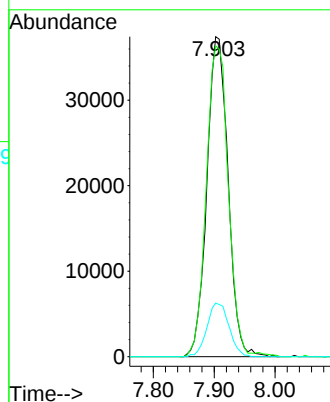
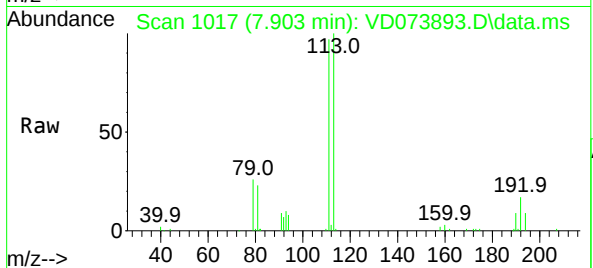




#35
Dibromofluoromethane
Concen: 49.341 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

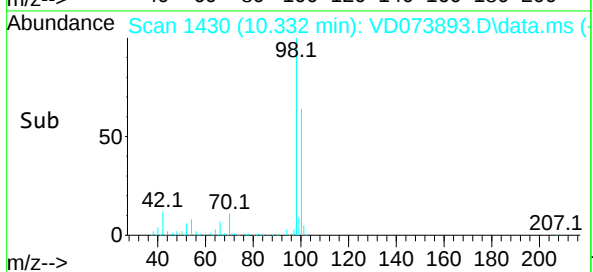
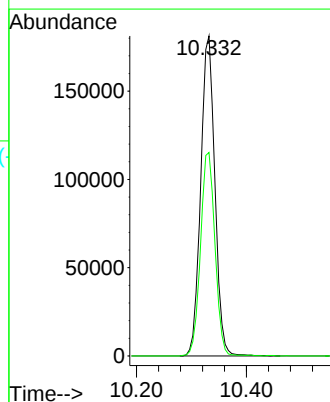
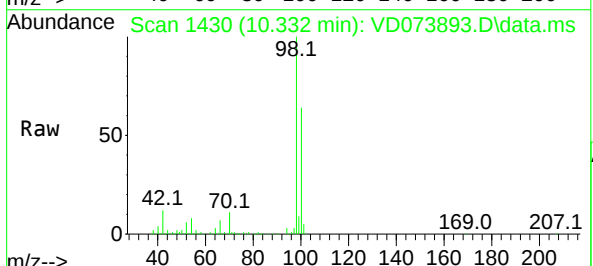
Instrument :
MSVOA_D
ClientSampleId :
COMP-1

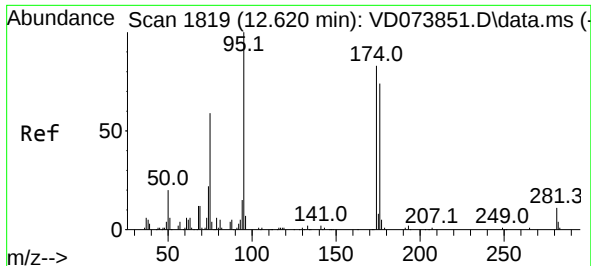
Tgt Ion:113 Resp: 90620
Ion Ratio Lower Upper
113 100
111 100.5 83.8 125.6
192 17.4 14.6 21.8



#50
Toluene-d8
Concen: 48.669 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

Tgt Ion: 98 Resp: 324491
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6

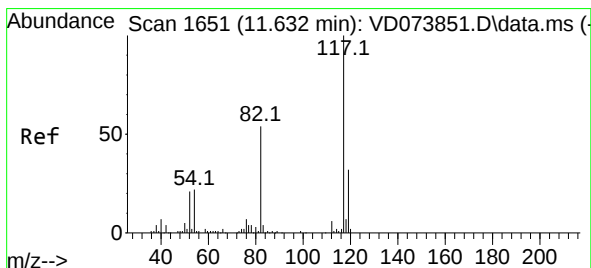
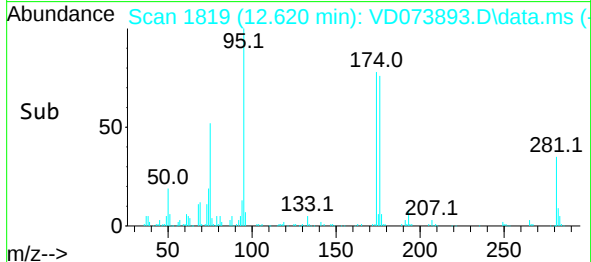
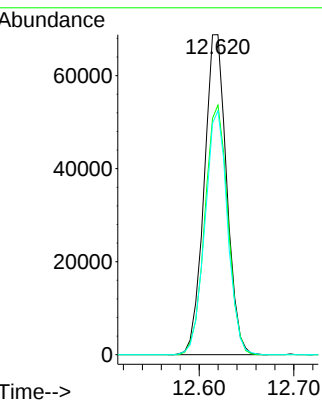
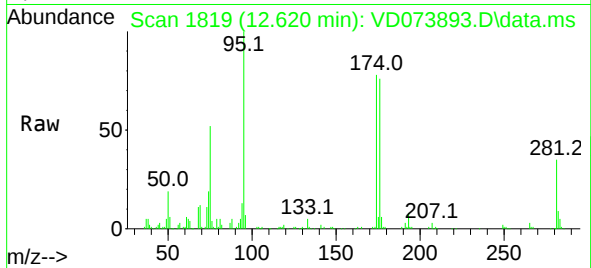




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

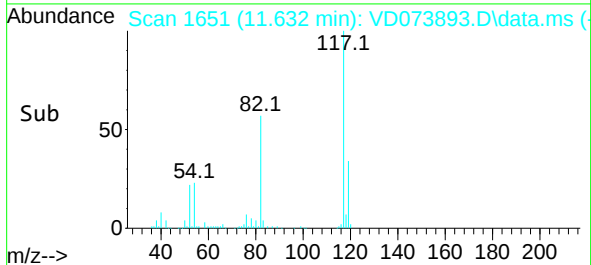
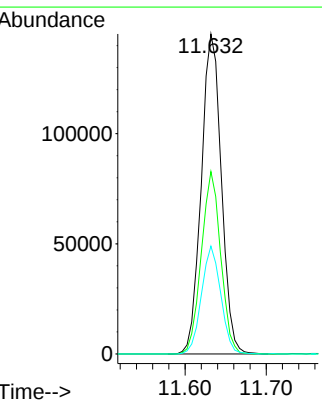
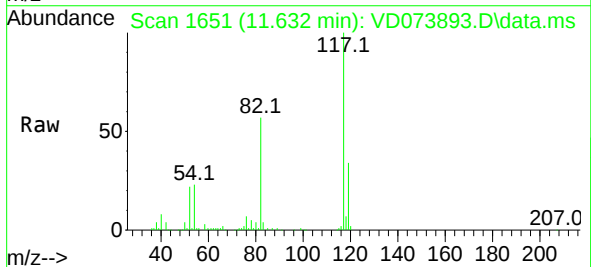
Instrument :
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ClientSampleId :
COMP-1

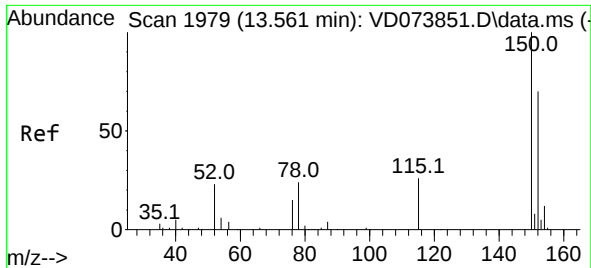
Tgt Ion: 95 Resp: 113552
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073893.D
Acq: 21 Jul 2022 13:26

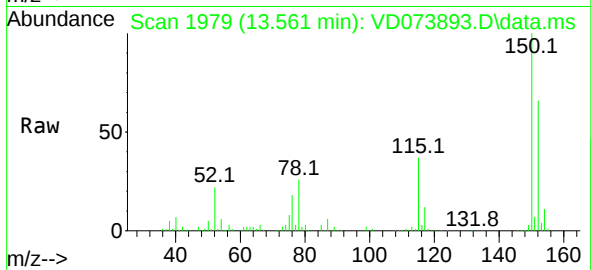
Tgt Ion: 117 Resp: 249818
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 33.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073893.D
 Acq: 21 Jul 2022 13:26

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1



Tgt Ion:152 Resp: 116464
 Ion Ratio Lower Upper
 152 100
 115 59.3 31.3 93.8
 150 155.4 0.0 348.6

