

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074208.D
 Acq On : 24 Aug 2022 03:55
 Operator : VA/SY
 Sample : N4226-01RE
 Misc : 6.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1RE

Quant Time: Aug 24 06:27:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

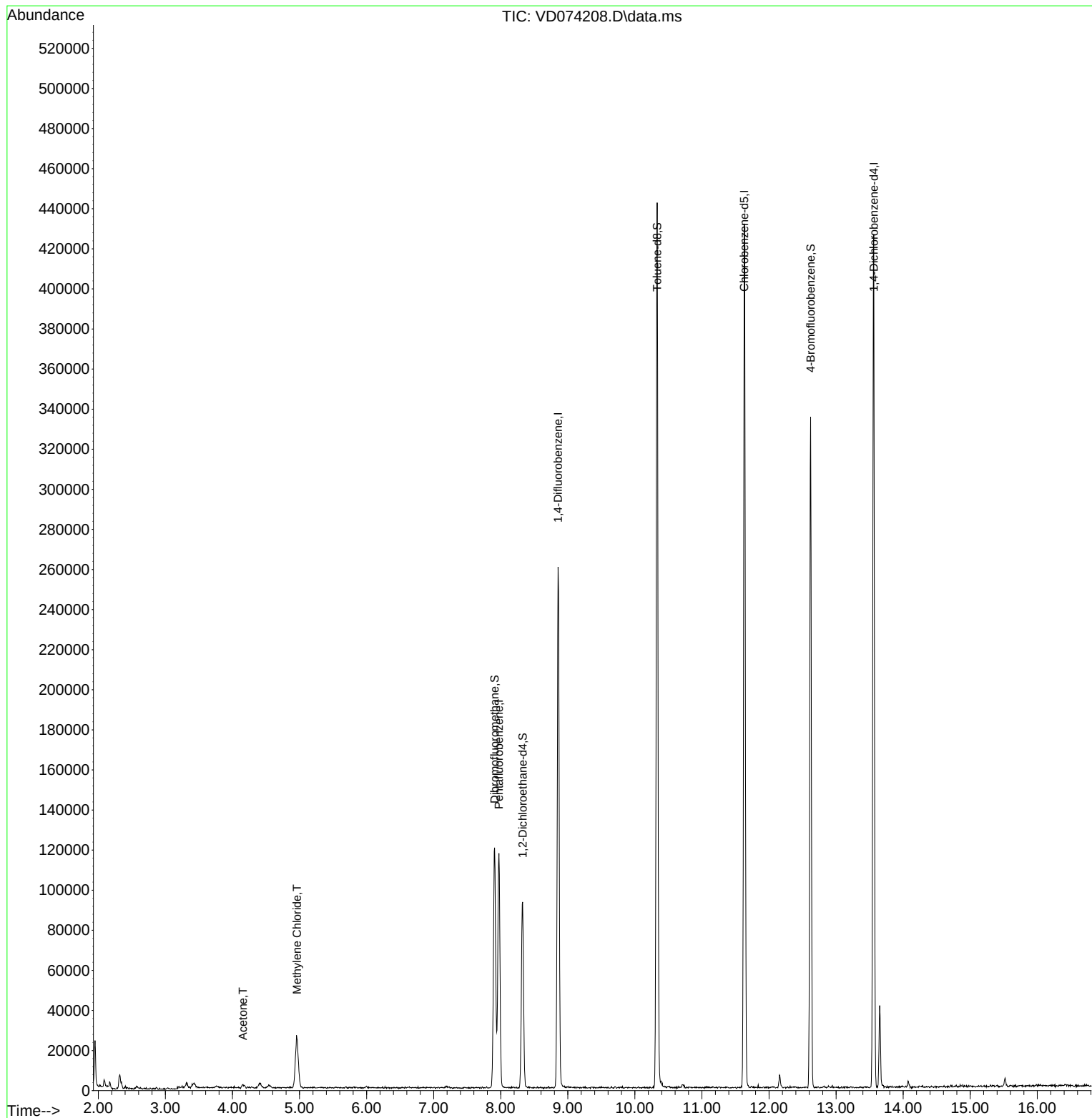
Internal Standards						
1) Pentafluorobenzene	7.973	168	84823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	219085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	252628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75769	87.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 174.840%#	
35) Dibromofluoromethane	7.909	113	86551	59.062	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.120%	
50) Toluene-d8	10.332	98	294304	62.401	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.800%	
62) 4-Bromofluorobenzene	12.620	95	109759	58.908	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.820%	
Target Compounds						
16) Acetone	4.156	43	2558	15.490	ug/l #	89
20) Methylene Chloride	4.962	84	19818	14.707	ug/l #	79

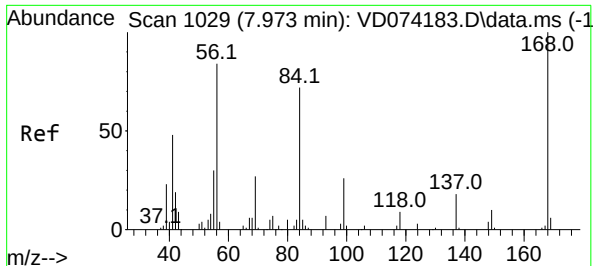
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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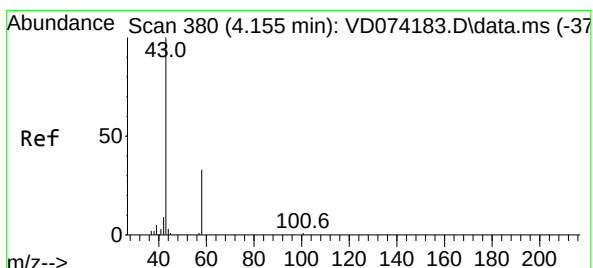
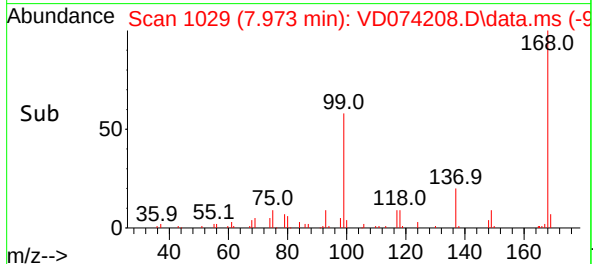
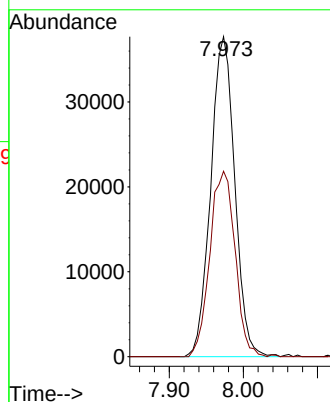
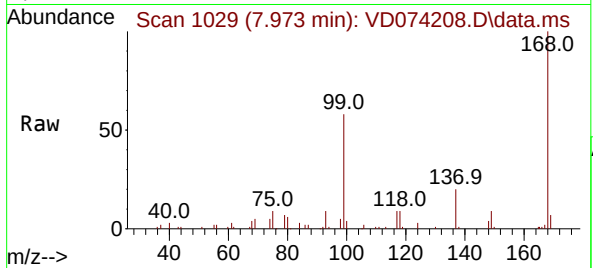




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

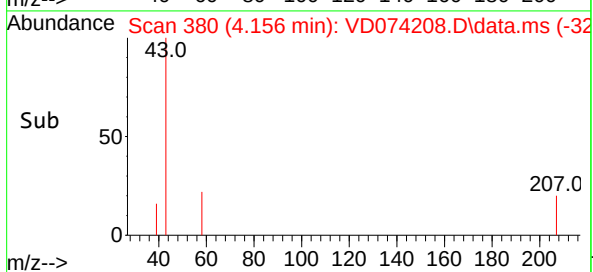
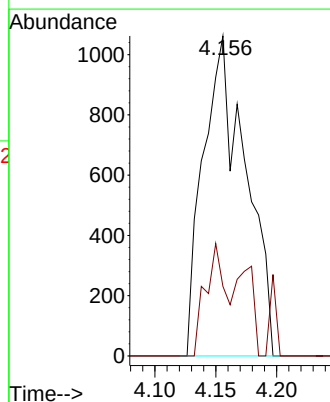
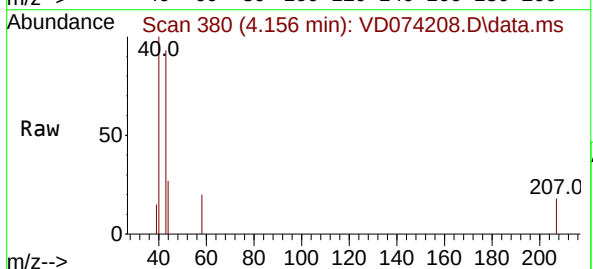
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

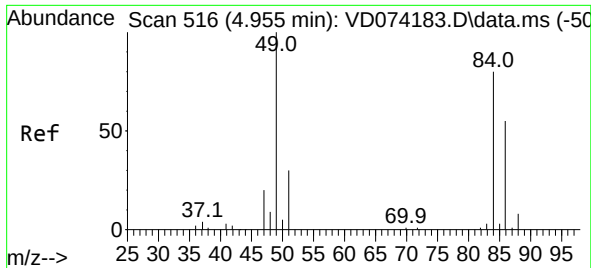
Tgt Ion:168 Resp: 84823
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



#16
Acetone
Concen: 15.490 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 43 Resp: 2558
Ion Ratio Lower Upper
43 100
58 21.8 22.1 33.1#

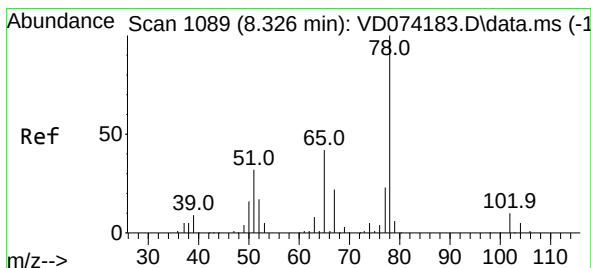
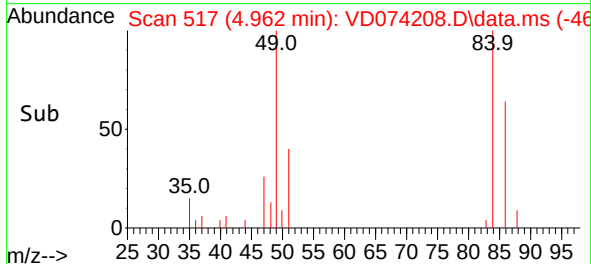
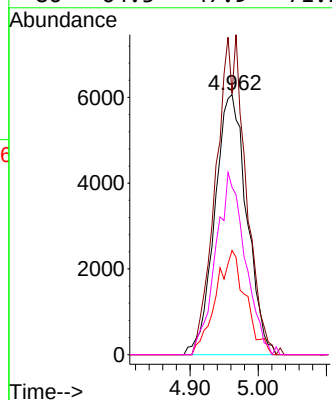
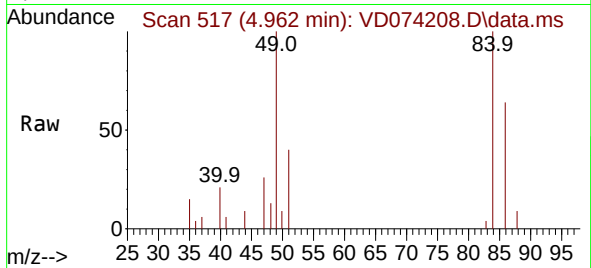




#20
Methylene Chloride
Concen: 14.707 ug/l
RT: 4.962 min Scan# 516
Delta R.T. 0.007 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

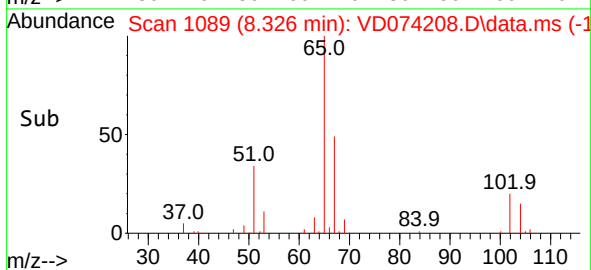
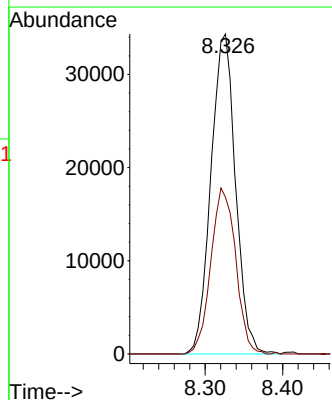
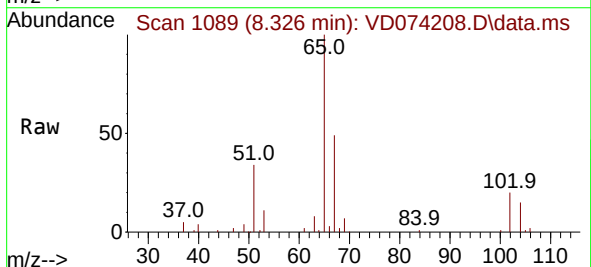
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

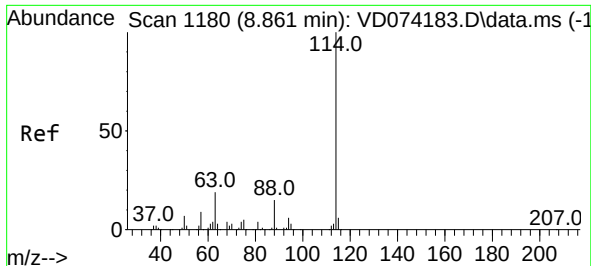
Tgt Ion: 84	Resp: 19818
Ion Ratio	Lower Upper
84	100
49	100.4 112.8 169.2#
51	40.0 32.6 48.8
86	64.3 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 87.416 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 65	Resp: 75769
Ion Ratio	Lower Upper
65	100
67	52.2 0.0 101.4

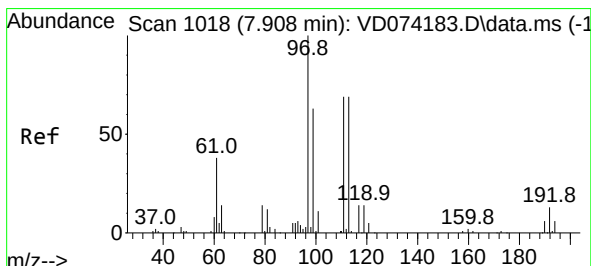
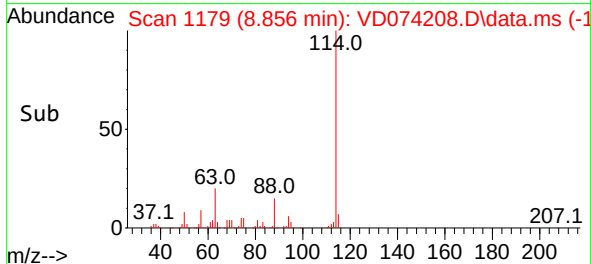
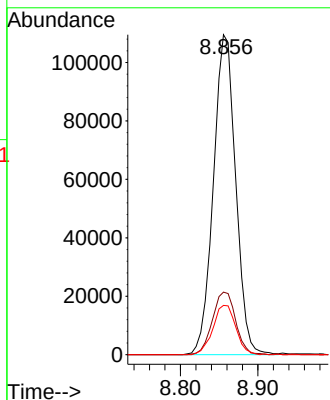
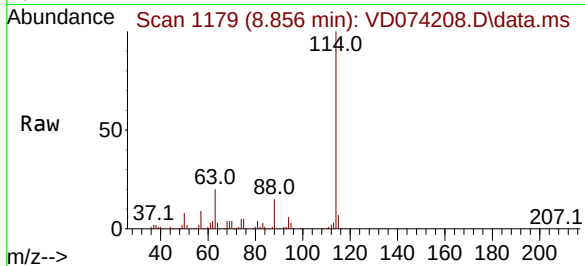




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

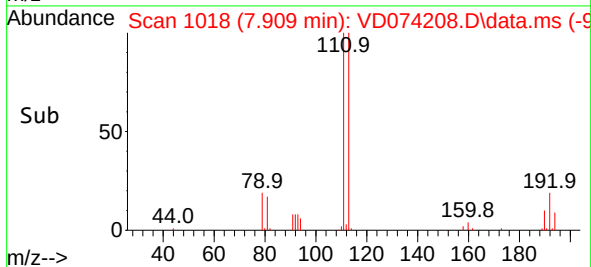
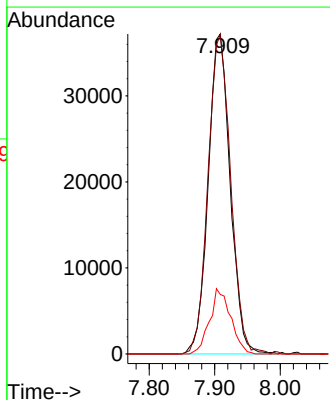
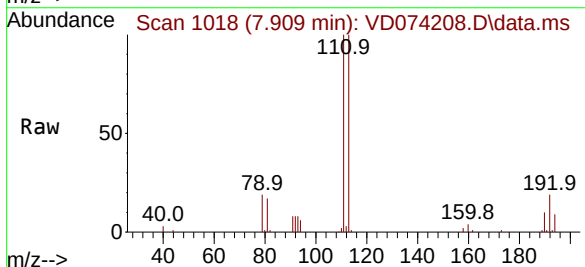
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

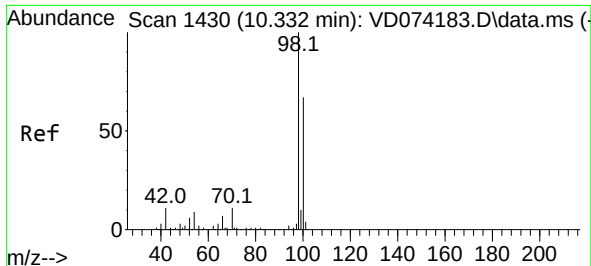
Tgt Ion:114 Resp: 219085
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 59.062 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion:113 Resp: 86551
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 19.5 14.6 21.8

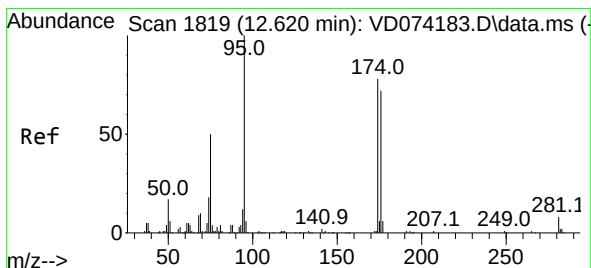
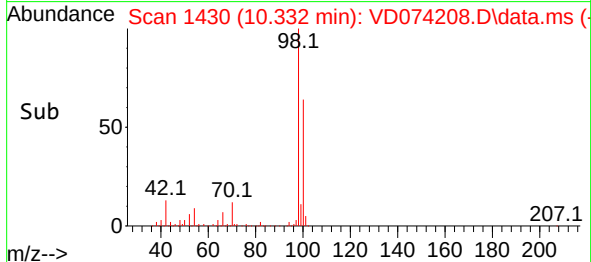
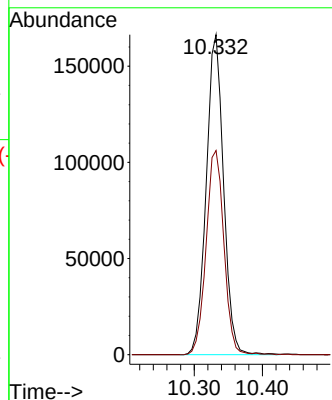
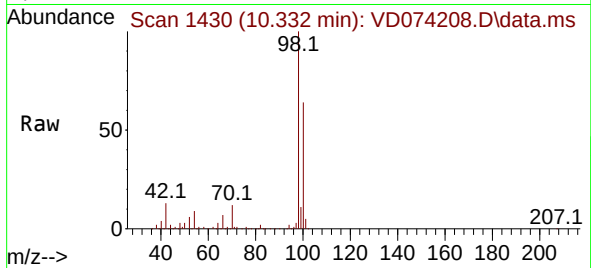




#50
Toluene-d8
Concen: 62.401 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

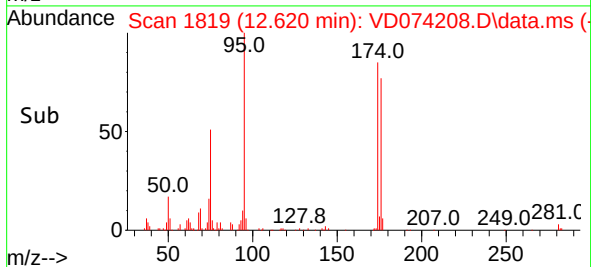
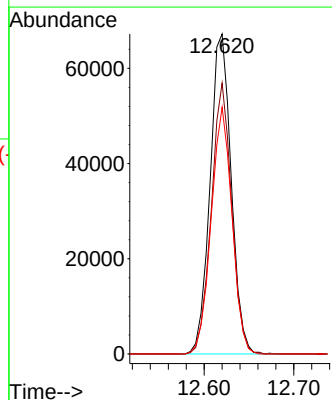
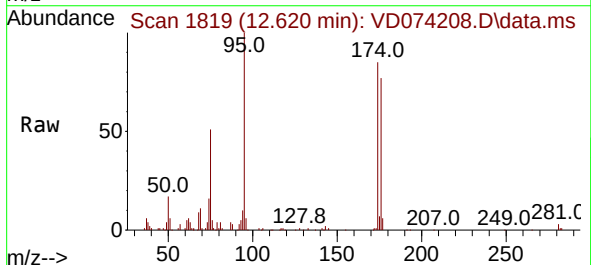
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

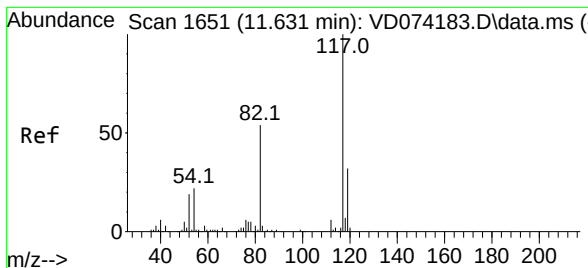
Tgt Ion: 98 Resp: 294304
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.908 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074208.D
Acq: 24 Aug 2022 03:55

Tgt Ion: 95 Resp: 109759
Ion Ratio Lower Upper
95 100
174 81.6 0.0 152.8
176 76.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

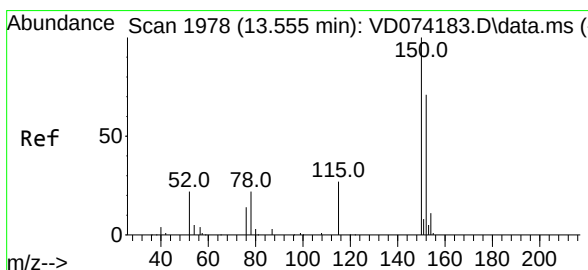
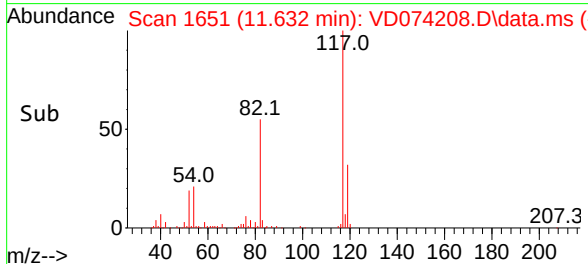
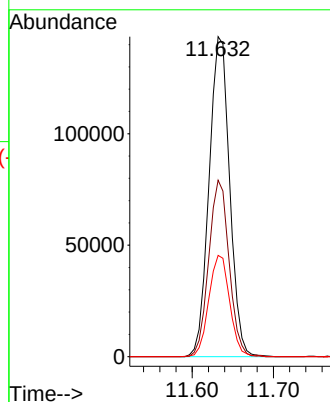
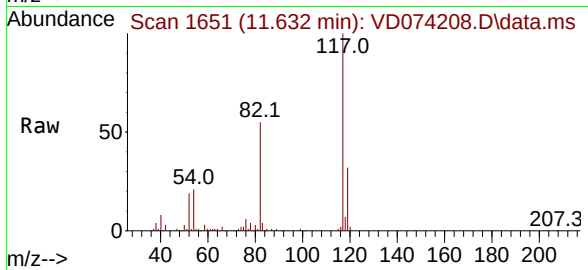
Tgt Ion:117 Resp: 252628

Ion Ratio Lower Upper

117 100

82 55.2 45.3 67.9

119 31.7 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.006 min

Lab File: VD074208.D

Acq: 24 Aug 2022 03:55

Tgt Ion:152 Resp: 117037

Ion Ratio Lower Upper

152 100

115 60.1 31.3 93.8

150 157.6 0.0 348.6

