

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073427.D
 Acq On : 31 May 2022 16:12
 Operator : VA/SY
 Sample : N3072-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4206

Quant Time: May 31 17:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

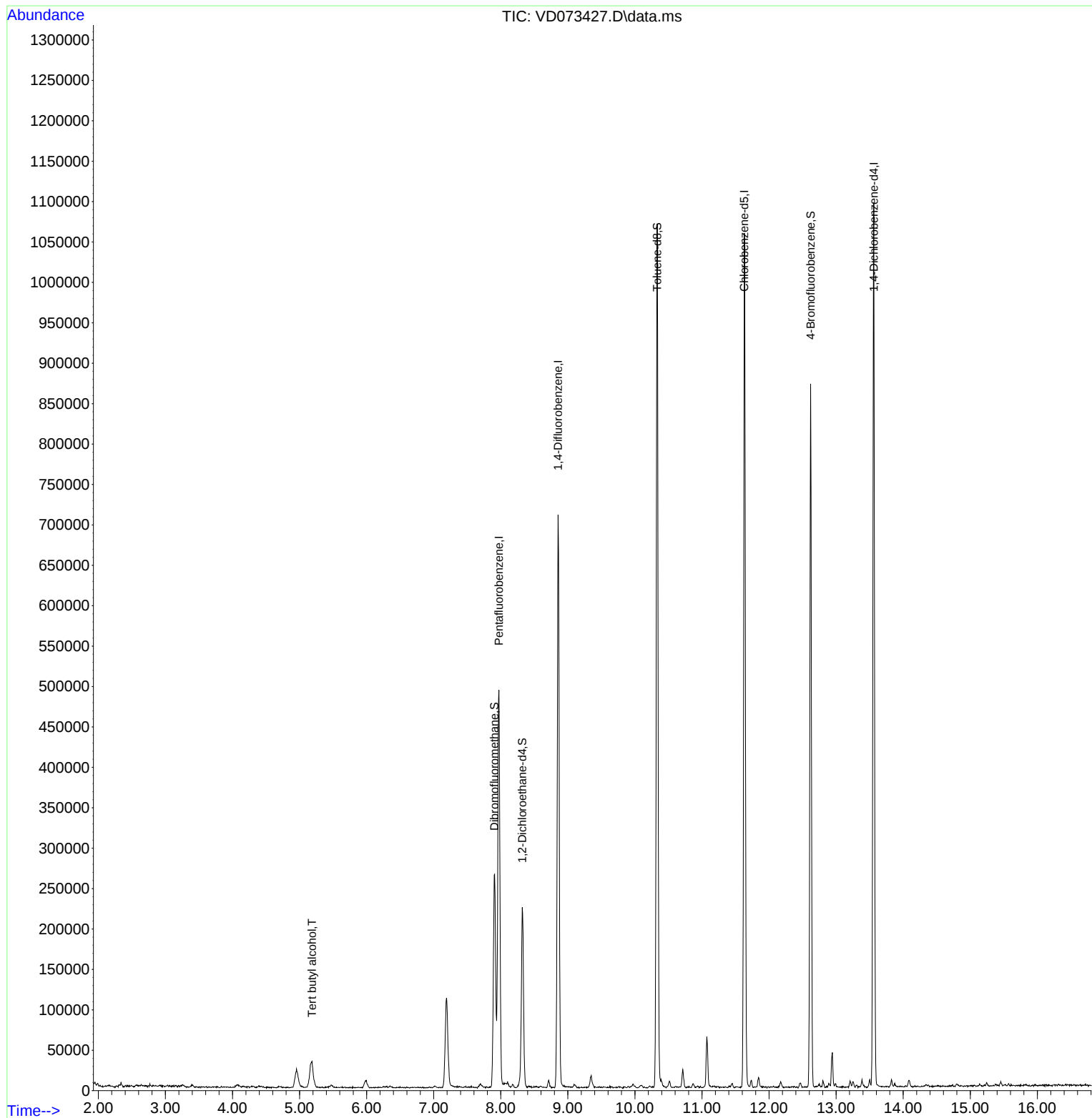
Internal Standards						
1) Pentafluorobenzene	7.973	168	359903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	612492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	620655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168921	42.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.940%
35) Dibromofluoromethane	7.902	113	196876	48.712	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.420%
50) Toluene-d8	10.332	98	734573	49.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.620	95	282706	54.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.185	59	29427	47.686	ug/l #	75

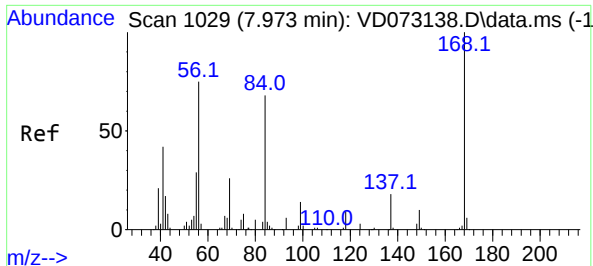
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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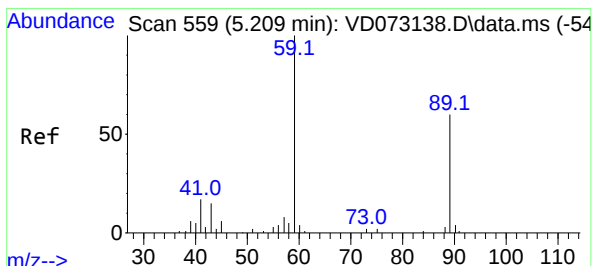
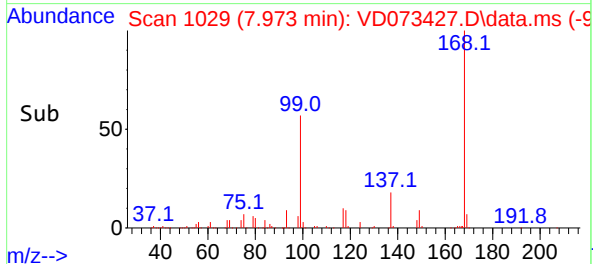
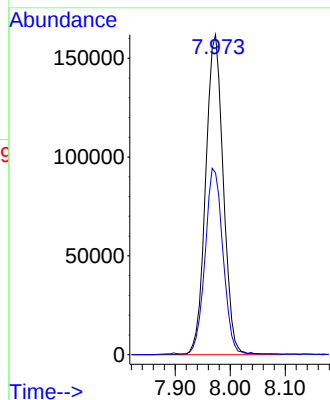
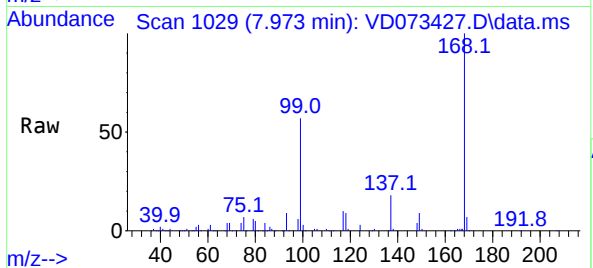




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

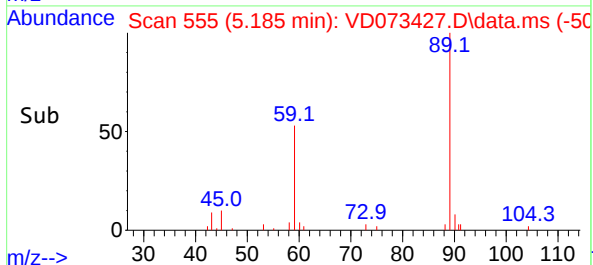
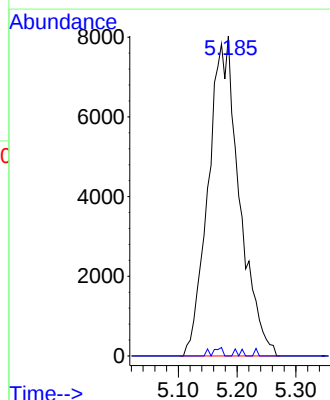
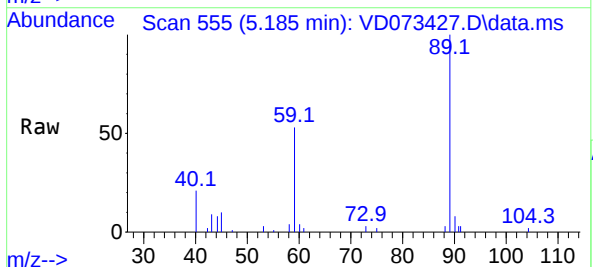
Instrument :
MSVOA_D
ClientSampleId :
RT-4206

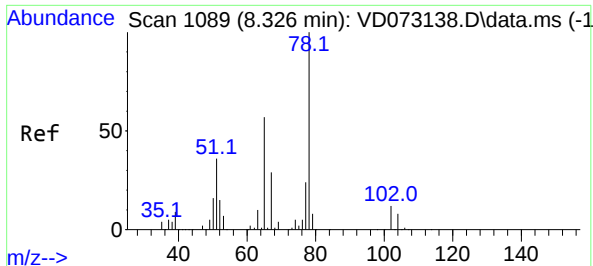
Tgt Ion:168 Resp: 359903
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#11
Tert butyl alcohol
Concen: 47.686 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion: 59 Resp: 29427
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#

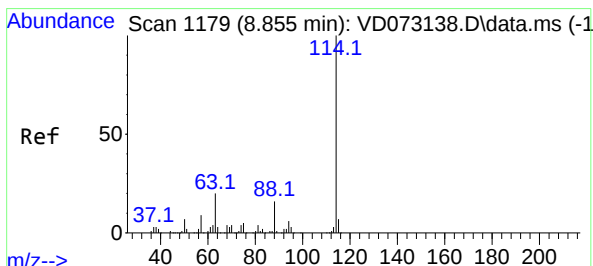
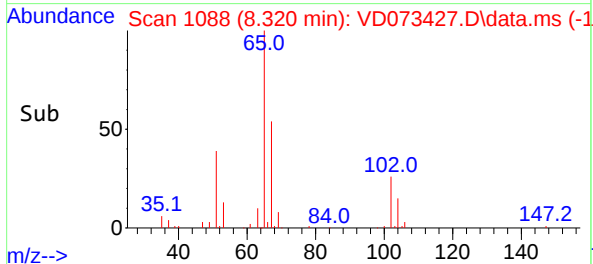
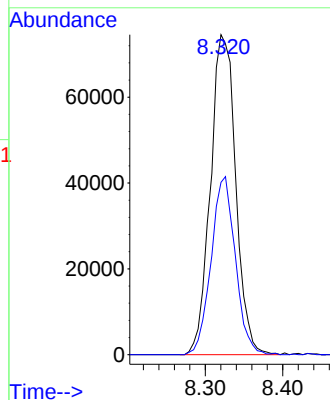
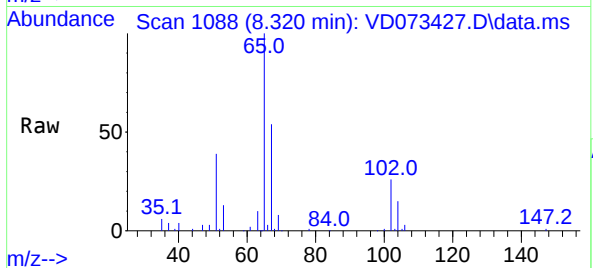




#33
1,2-Dichloroethane-d4
Concen: 42.470 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

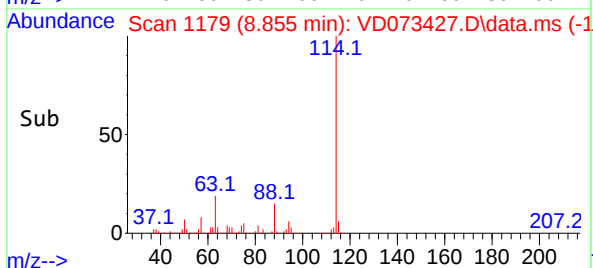
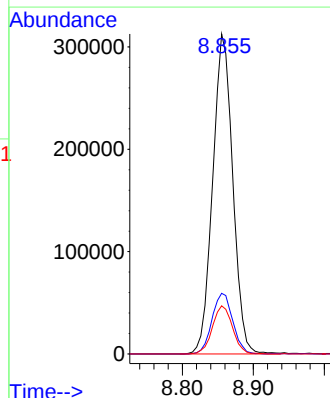
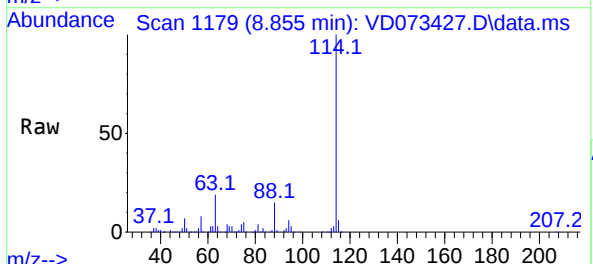
Instrument :
MSVOA_D
ClientSampleId :
RT-4206

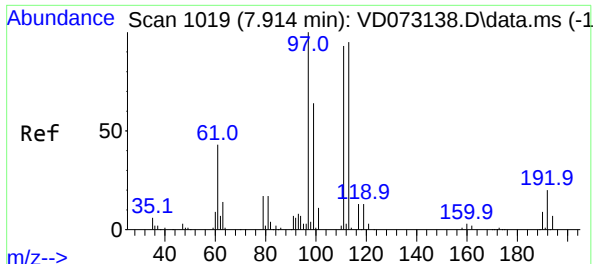
Tgt Ion: 65 Resp: 168921
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion:114 Resp: 612492
Ion Ratio Lower Upper
114 100
63 18.9 0.0 46.6
88 15.1 0.0 33.2

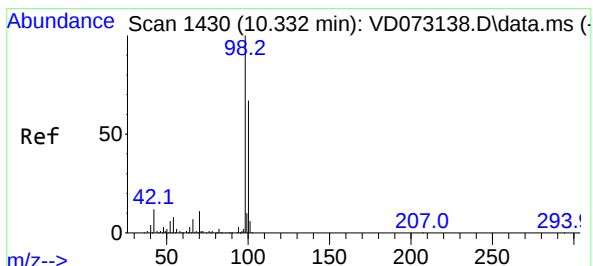
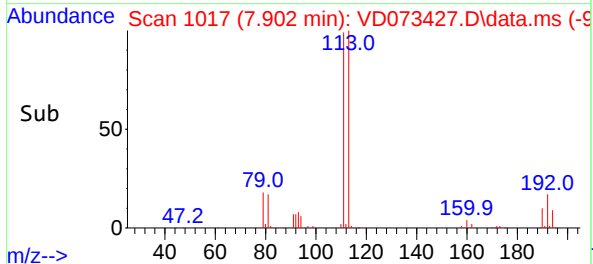
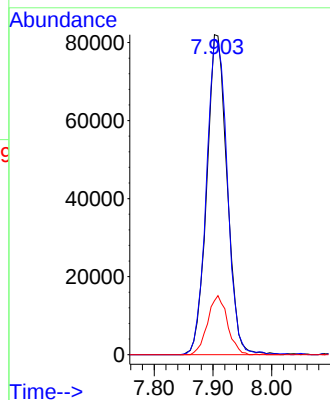
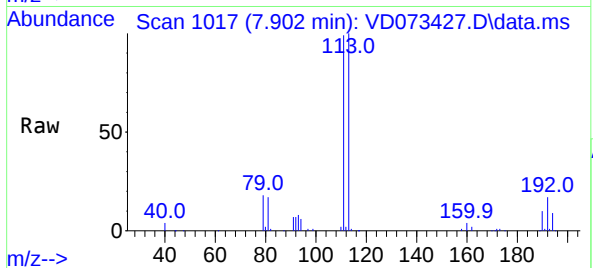




#35
Dibromofluoromethane
Concen: 48.712 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.011 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

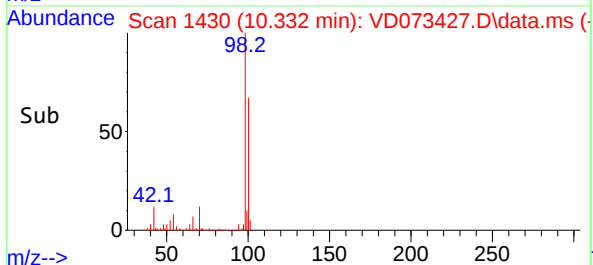
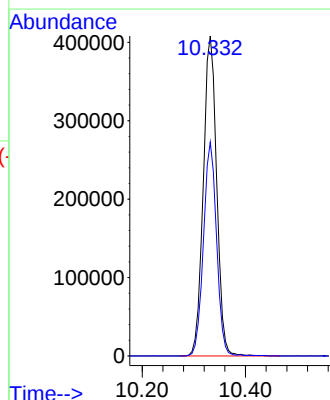
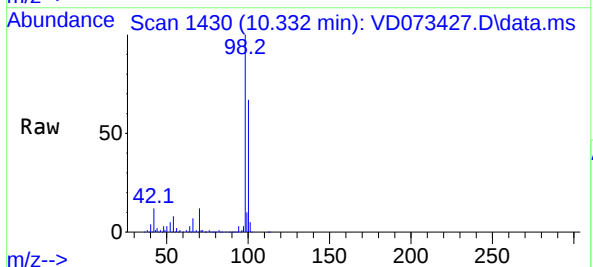
Instrument :
MSVOA_D
ClientSampleId :
RT-4206

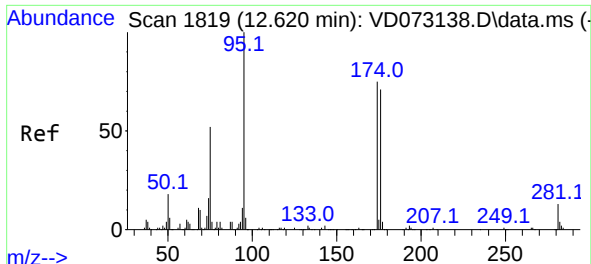
Tgt Ion:113 Resp: 196876
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 49.305 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion: 98 Resp: 734573
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



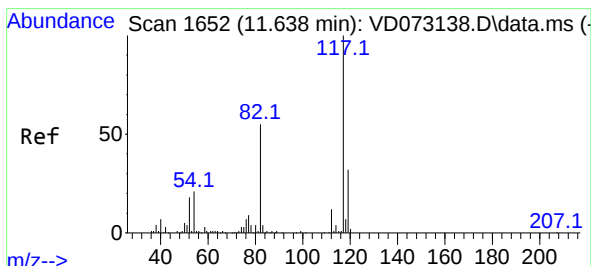
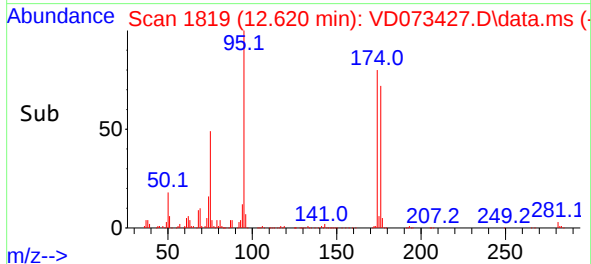
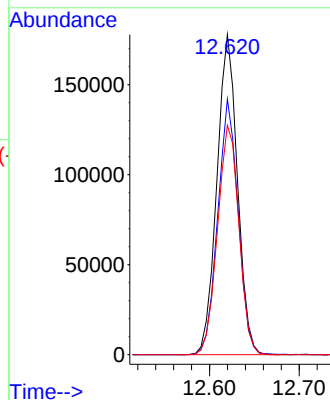
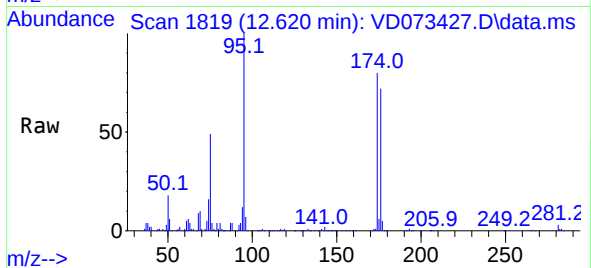


#62
4-Bromofluorobenzene
Concen: 54.070 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :
RT-4206

Tgt Ion: 95 Resp: 282706

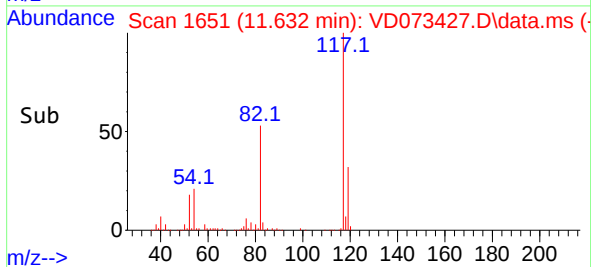
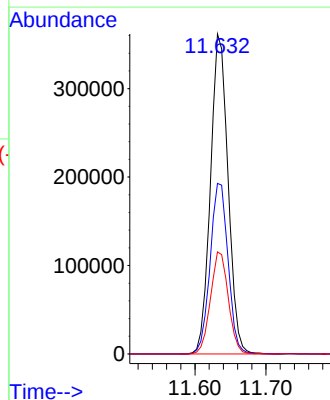
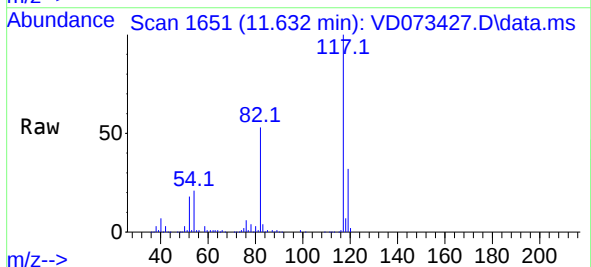
Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	152.8
176	74.4	0.0	145.4

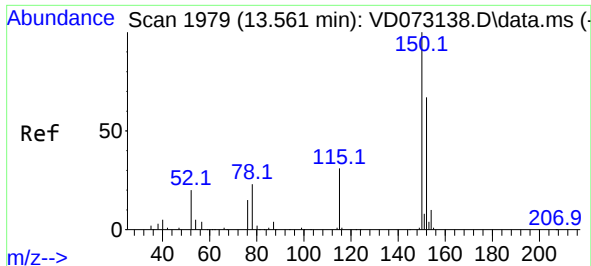


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion: 117 Resp: 620655

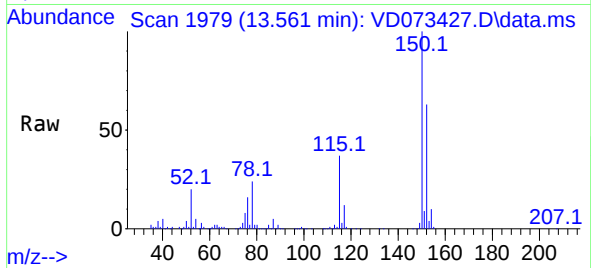
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	31.9	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073427.D
 Acq: 31 May 2022 16:12

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4206



Tgt Ion:152 Resp: 287740
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.3 93.8
 150 160.4 0.0 348.6

