

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073243.D
 Acq On : 21 May 2022 21:50
 Operator : VA/SY
 Sample : N2920-04
 Misc : 4.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS009-0006-01

Quant Time: May 22 01:34:47 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)

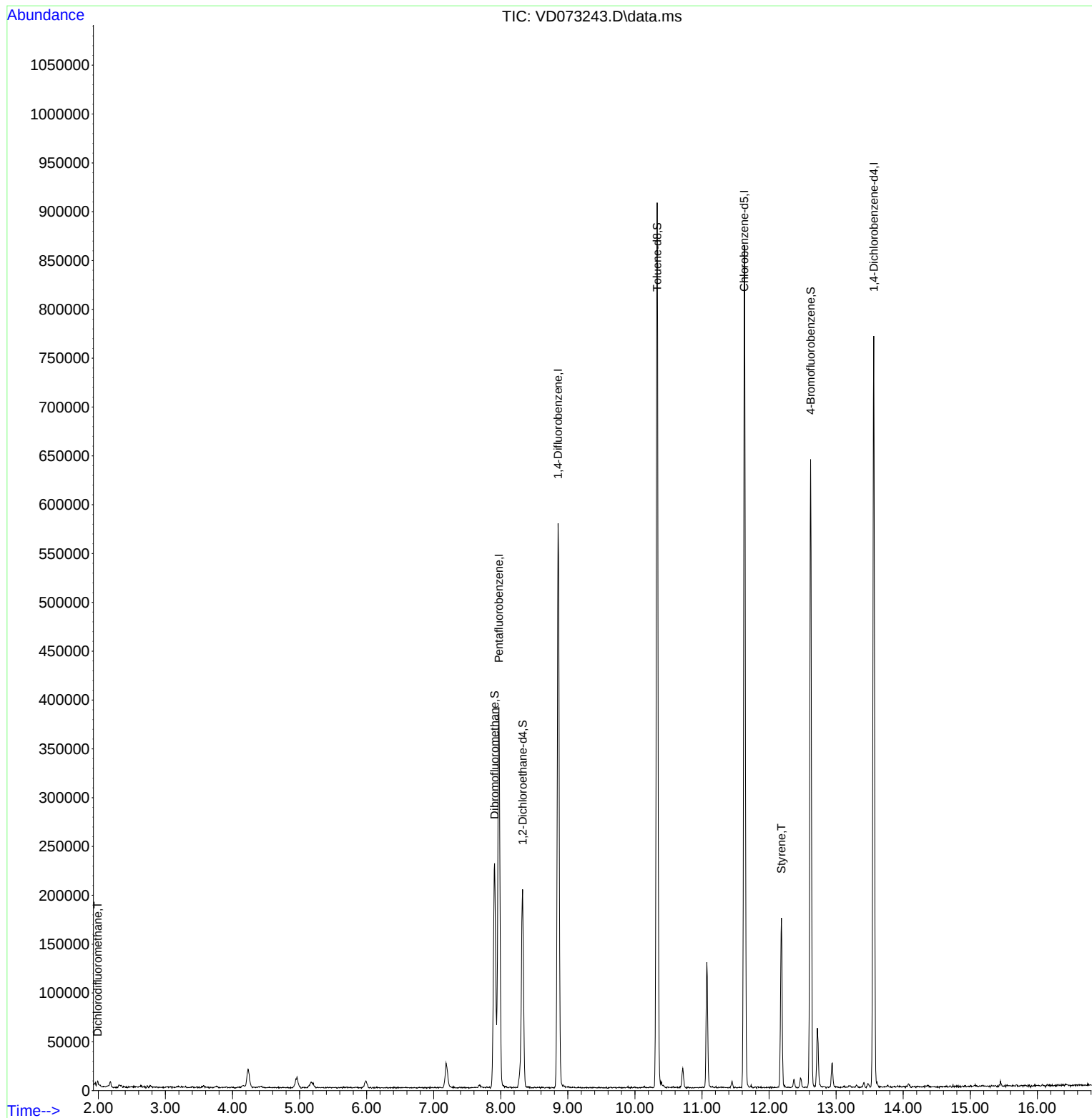
Internal Standards						
1) Pentafluorobenzene	7.973	168	279533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	491034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	496569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154662	50.065	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.120%		
35) Dibromofluoromethane	7.908	113	164722	50.837	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 101.680%		
50) Toluene-d8	10.332	98	600047	50.238	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.480%		
62) 4-Bromofluorobenzene	12.620	95	212704	50.745	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	4022	1.440	ug/l #	68
70) Styrene	12.185	104	86439	7.872	ug/l #	88

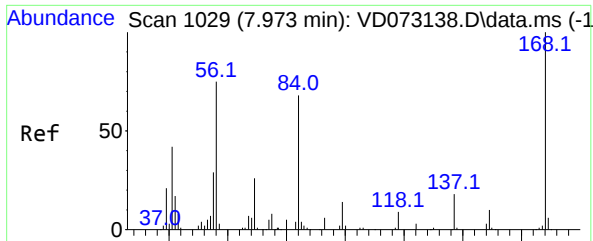
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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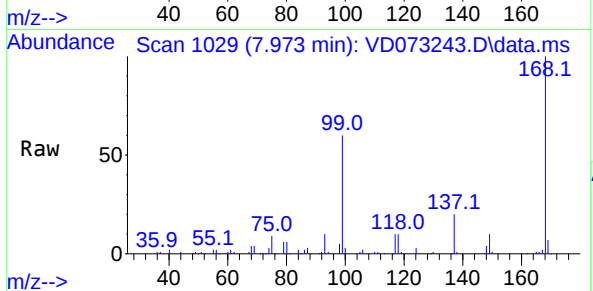
Quant Time: May 22 01:34:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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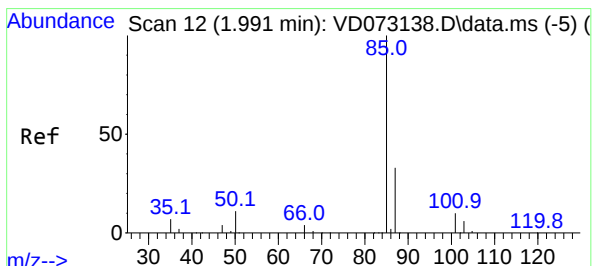
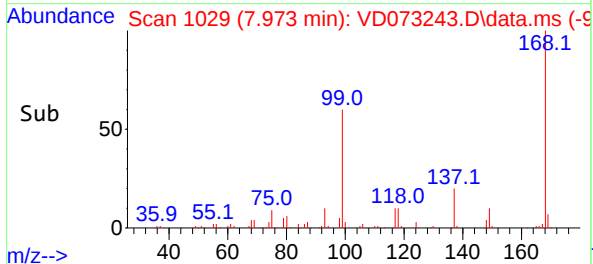
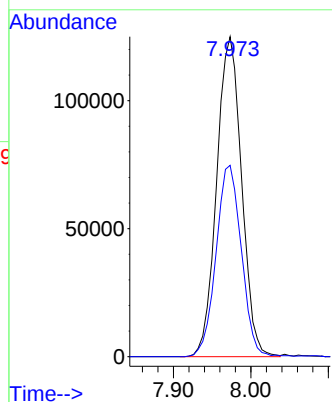


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Instrument :
MSVOA_D
ClientSampleId :
P015-SS009-0006-01

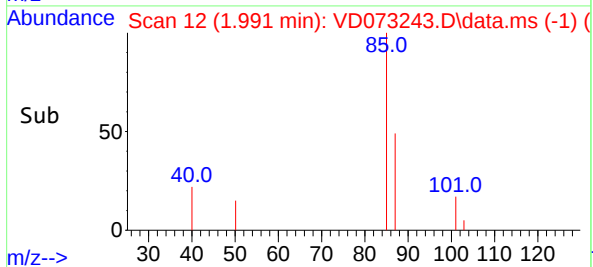
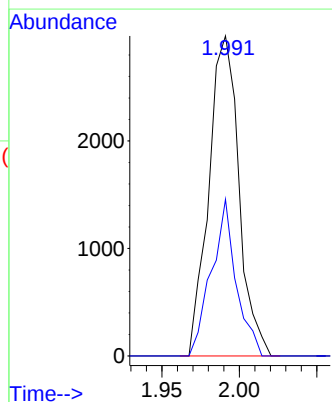
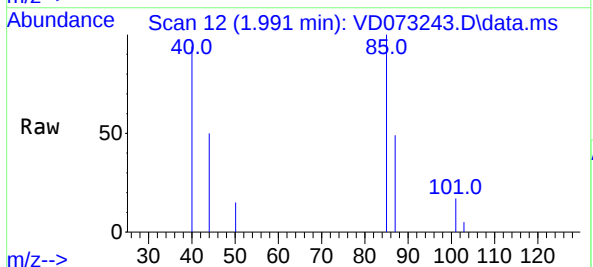


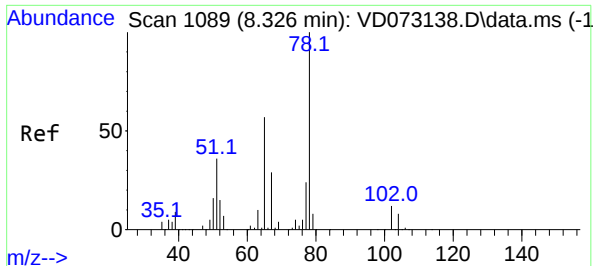
Tgt Ion:168 Resp: 279533
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.440 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Tgt Ion: 85 Resp: 4022
Ion Ratio Lower Upper
85 100
87 49.0 15.7 47.0#





#33

1,2-Dichloroethane-d4

Concen: 50.065 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073243.D

Acq: 21 May 2022 21:50

Instrument :

MSVOA_D

ClientSampleId :

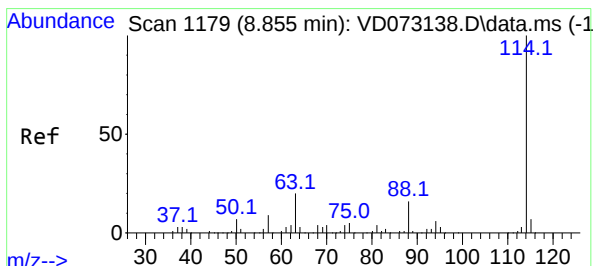
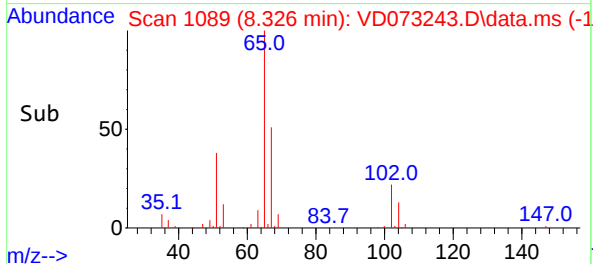
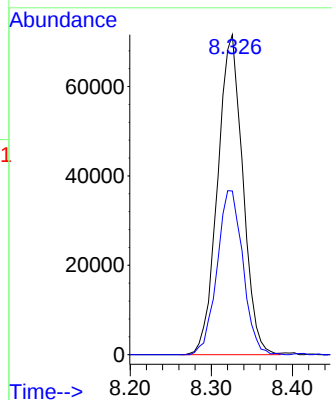
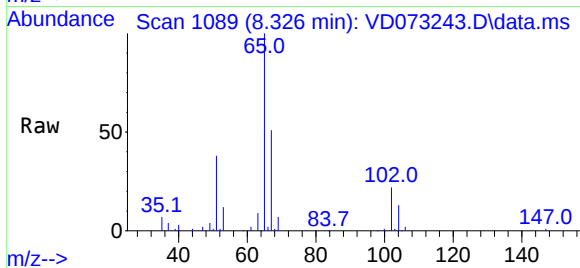
P015-SS009-0006-01

Tgt Ion: 65 Resp: 154662

Ion Ratio Lower Upper

65 100

67 52.6 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: VD073243.D

Acq: 21 May 2022 21:50

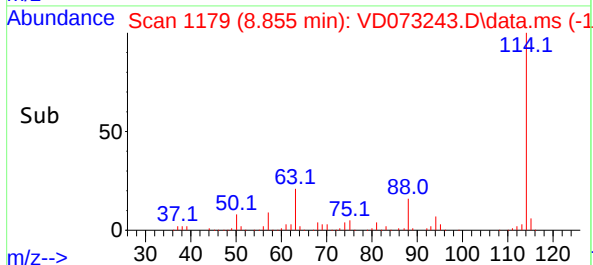
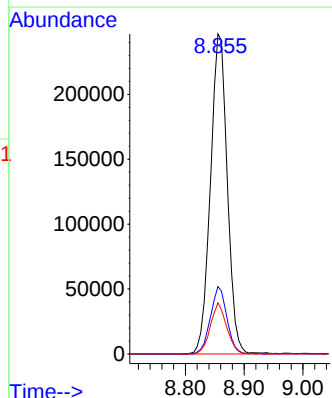
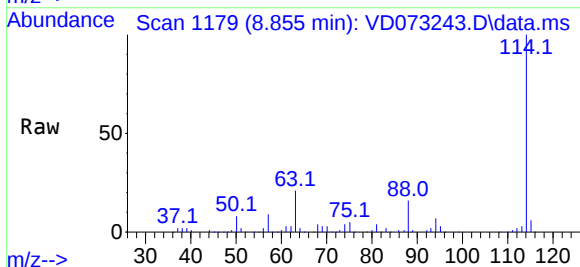
Tgt Ion: 114 Resp: 491034

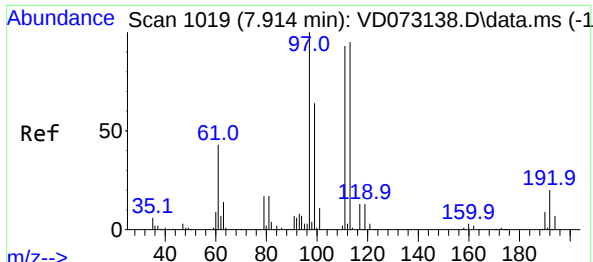
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.0 0.0 33.2

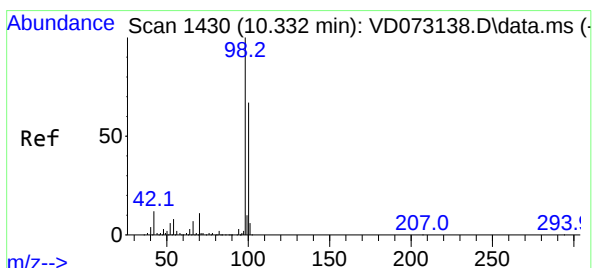
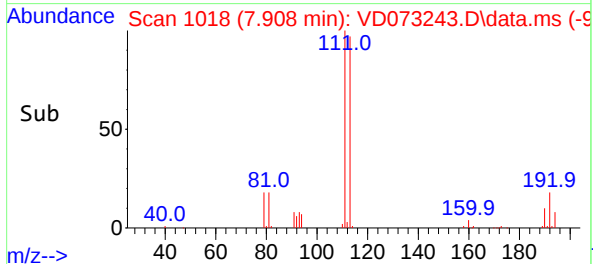
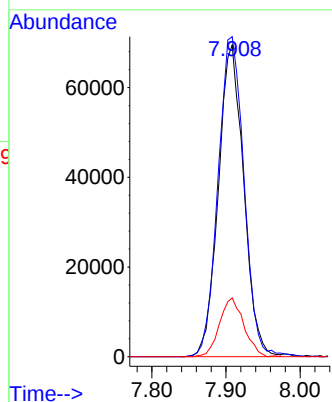
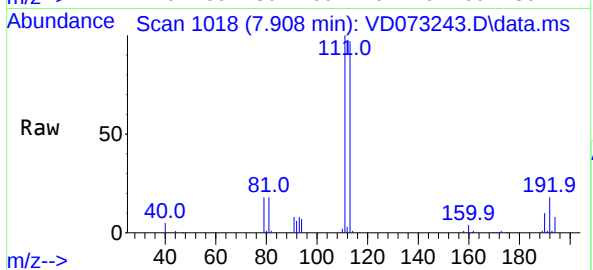




#35
Dibromofluoromethane
Concen: 50.837 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

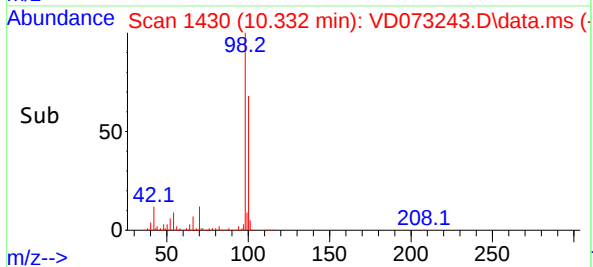
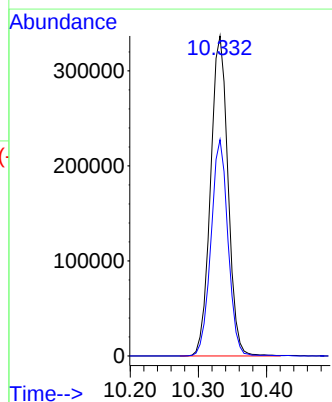
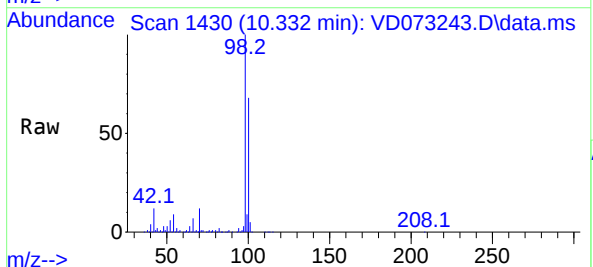
Instrument :
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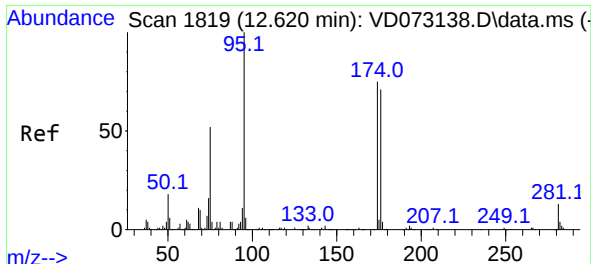
Tgt Ion:113 Resp: 164722
Ion Ratio Lower Upper
113 100
111 105.3 83.8 125.6
192 18.1 14.6 21.8



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Tgt Ion: 98 Resp: 600047
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

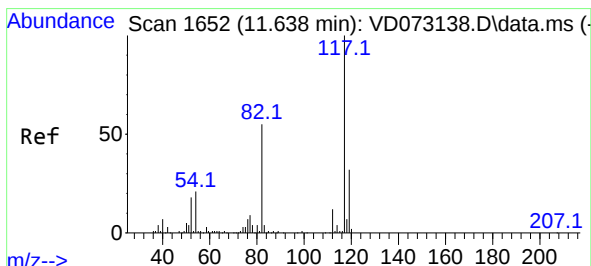
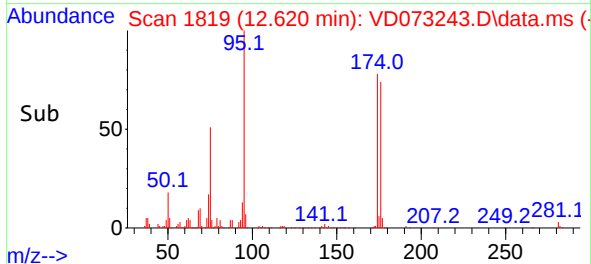
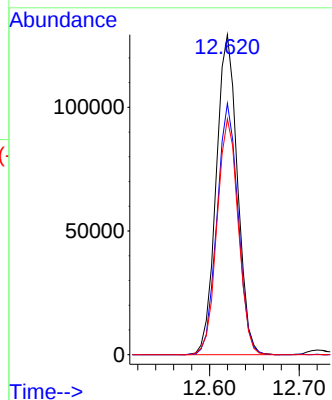
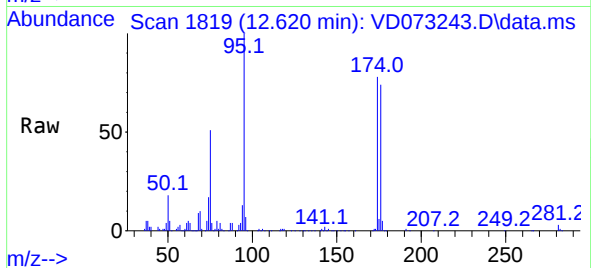




#62
4-Bromofluorobenzene
Concen: 50.745 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

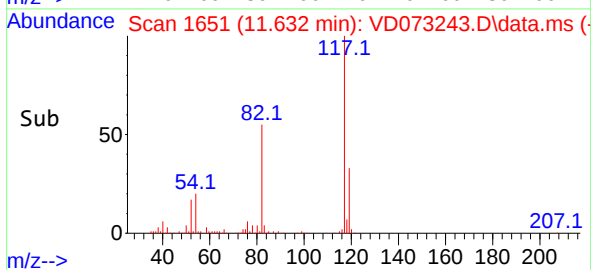
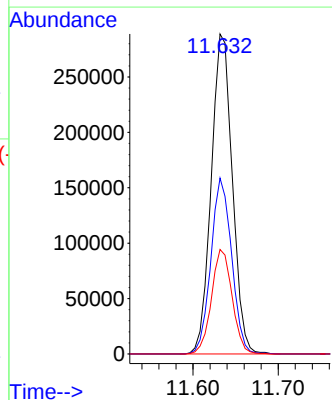
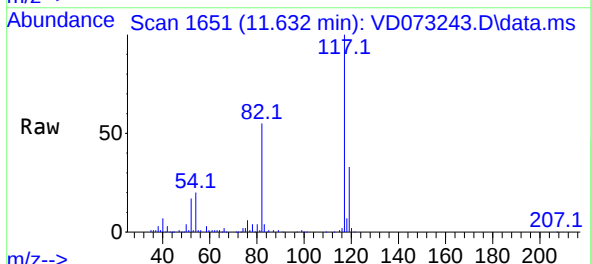
Instrument :
MSVOA_D
ClientSampleId :
P015-SS009-0006-01

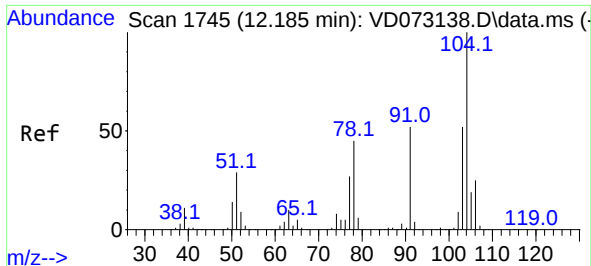
Tgt Ion:	95	Resp:	212704
Ion	Ratio	Lower	Upper
95	100		
174	77.8	0.0	152.8
176	73.3	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Tgt Ion:	117	Resp:	496569
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	32.7	26.6	40.0

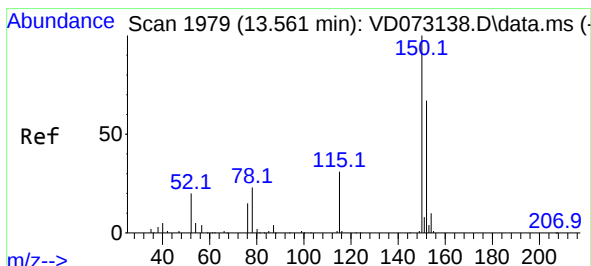
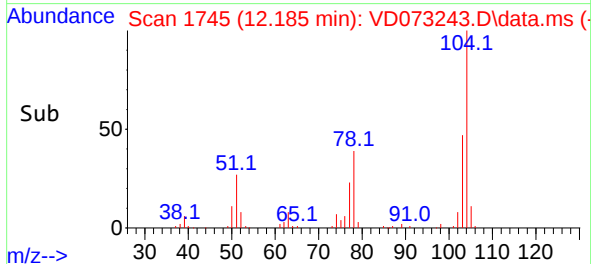
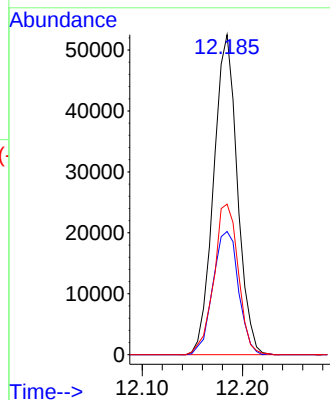
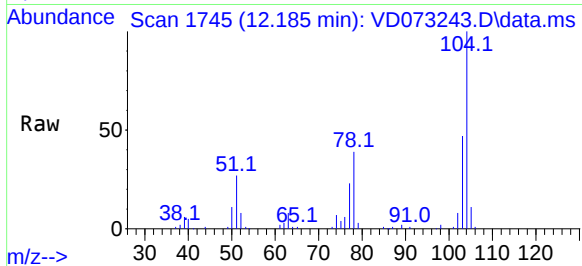




#70
Styrene
Concen: 7.872 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Instrument :
MSVOA_D
ClientSampleId :
P015-SS009-0006-01

Tgt Ion:104 Resp: 86439
Ion Ratio Lower Upper
104 100
78 41.6 41.8 62.8#
103 48.3 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073243.D
Acq: 21 May 2022 21:50

Tgt Ion:152 Resp: 202293
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 159.9 0.0 348.6

