

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073240.D
 Acq On : 21 May 2022 20:21
 Operator : VA/SY
 Sample : N2920-01
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P015-SS006-0006-01

Quant Time: May 22 01:34:05 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)

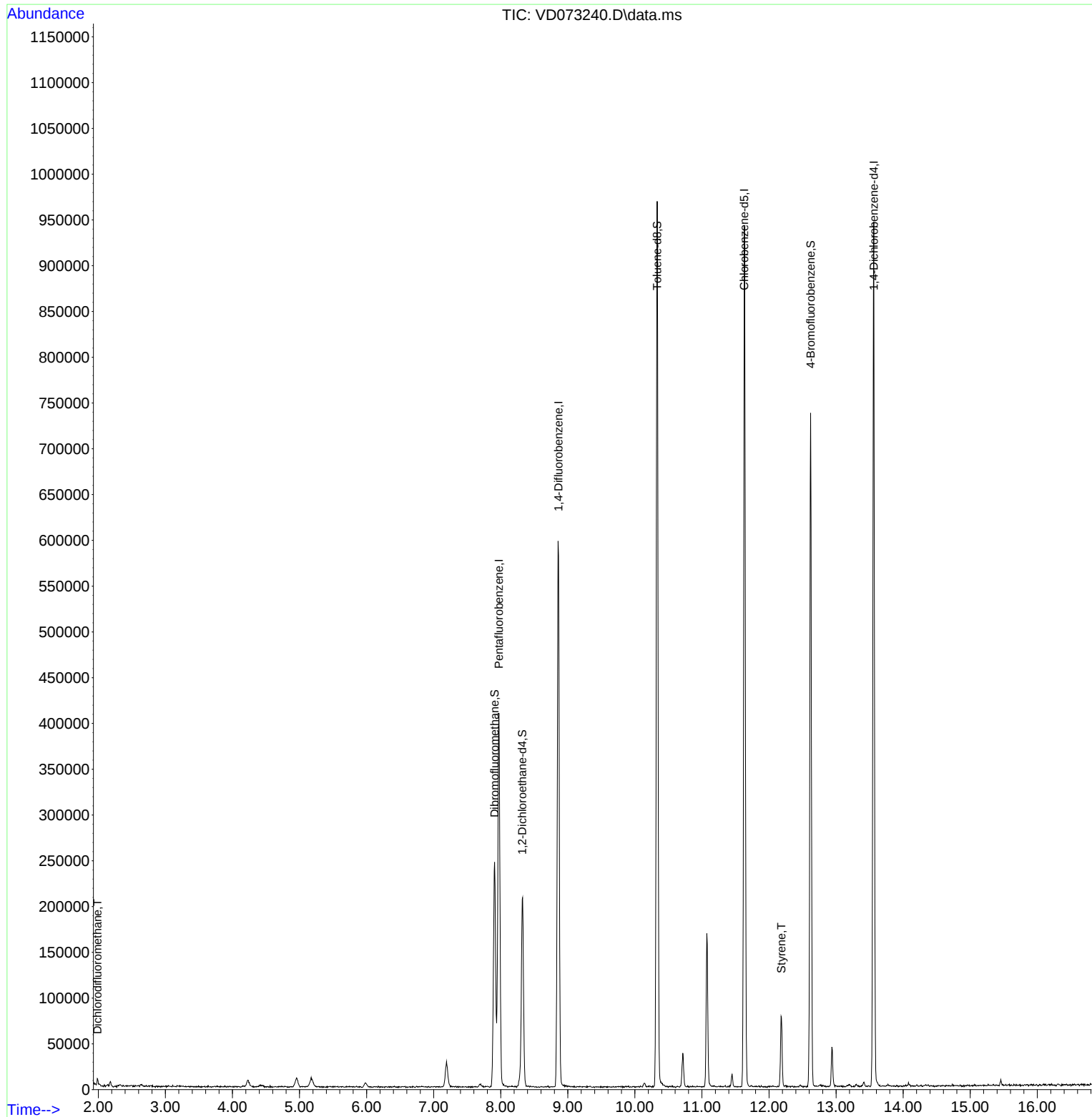
Internal Standards						
1) Pentafluorobenzene	7.973	168	291182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	512312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	545814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	237032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	162842	50.604	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.200%	
35) Dibromofluoromethane	7.908	113	174922	51.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.332	98	645512	51.800	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.620	95	234614	53.647	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	5644	1.940	ug/l	99
70) Styrene	12.185	104	38315	3.174	ug/l	90

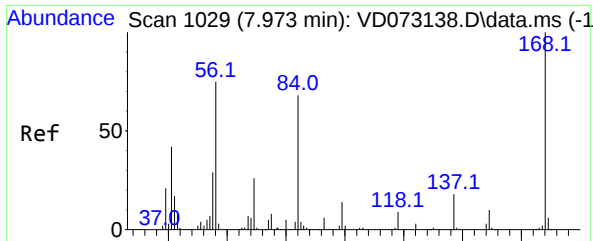
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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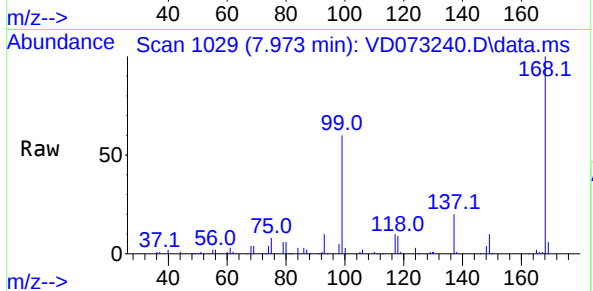
Quant Time: May 22 01:34:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
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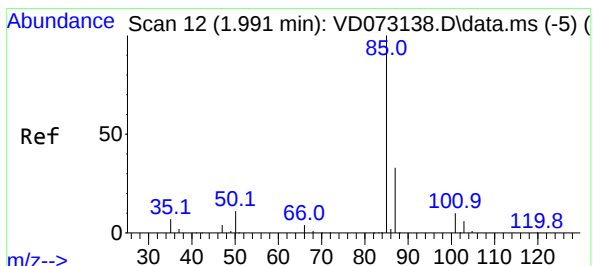
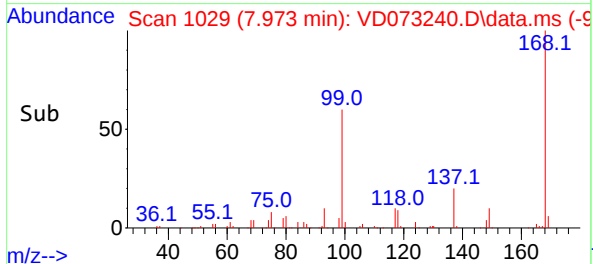
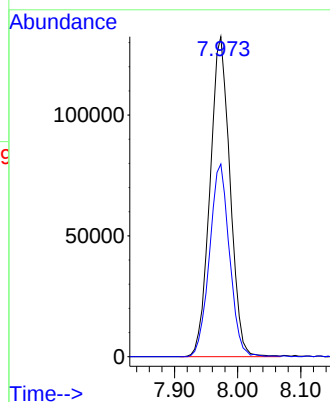


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

Instrument :
MSVOA_D
ClientSampleId :
P015-SS006-0006-01

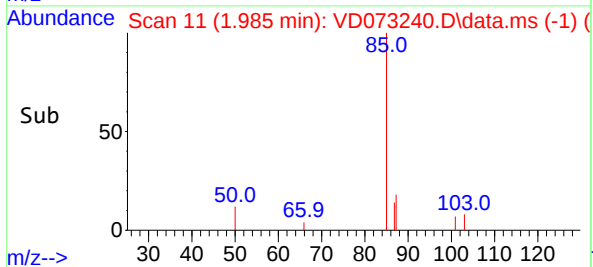
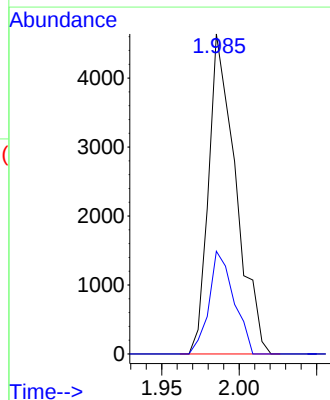
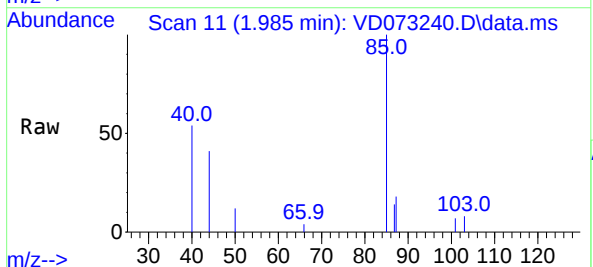


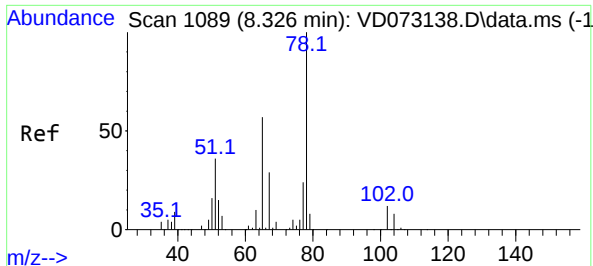
Tgt Ion:168 Resp: 291182
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.940 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

Tgt Ion: 85 Resp: 5644
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#33

1,2-Dichloroethane-d4

Concen: 50.604 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073240.D

Acq: 21 May 2022 20:21

Instrument :

MSVOA_D

ClientSampleId :

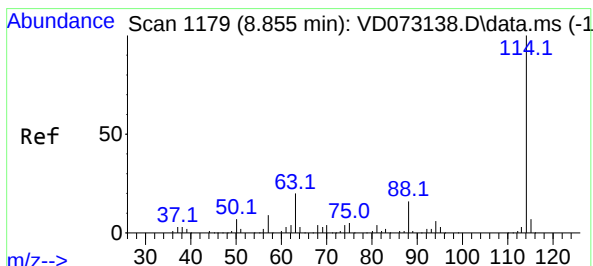
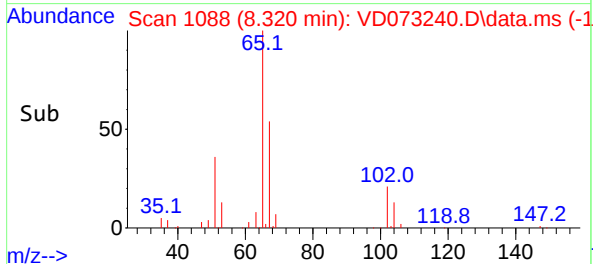
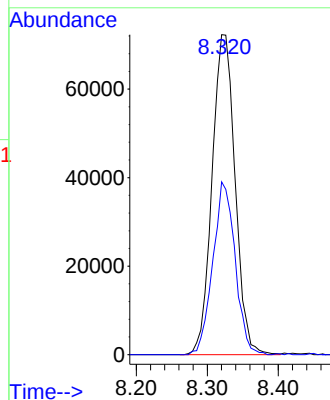
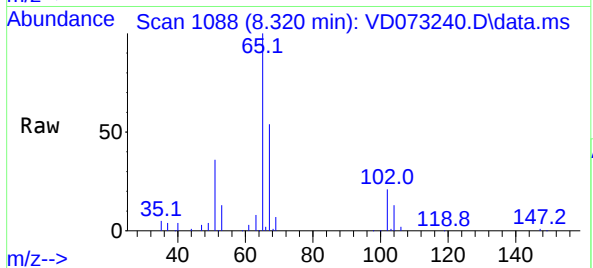
P015-SS006-0006-01

Tgt Ion: 65 Resp: 162842

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073240.D

Acq: 21 May 2022 20:21

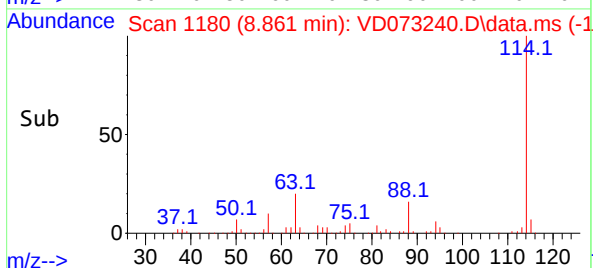
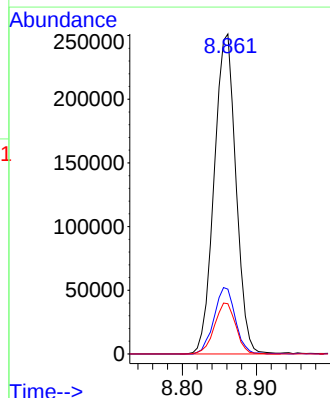
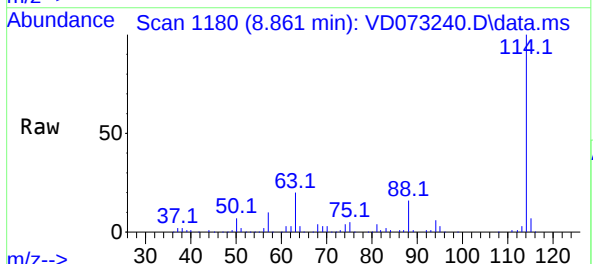
Tgt Ion: 114 Resp: 512312

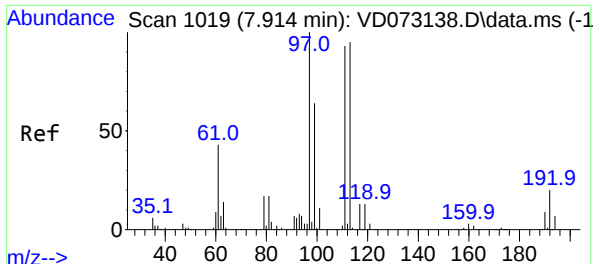
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.7 0.0 33.2

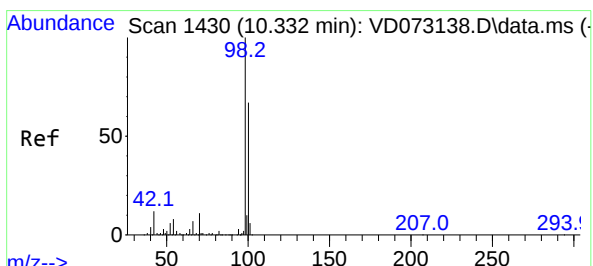
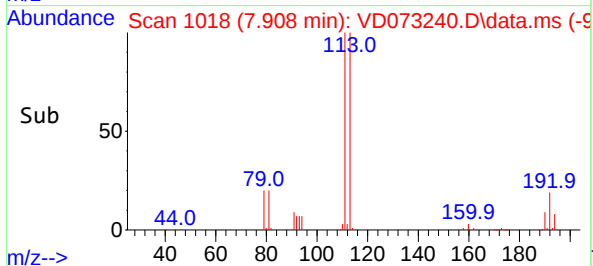
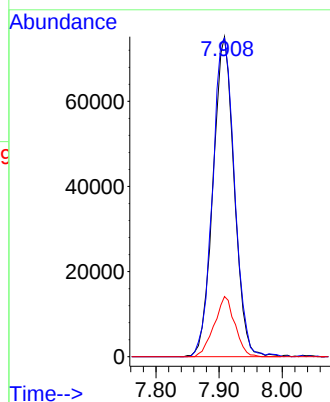
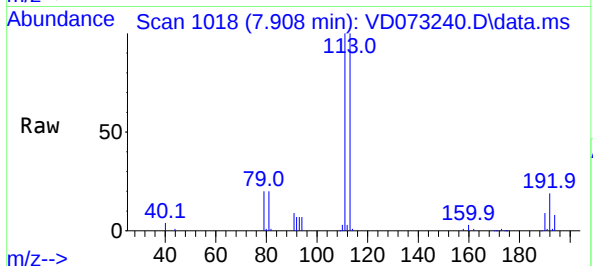




#35
Dibromofluoromethane
Concen: 51.743 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

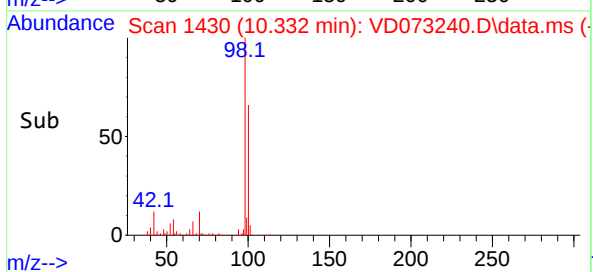
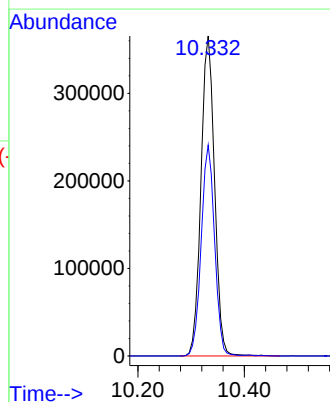
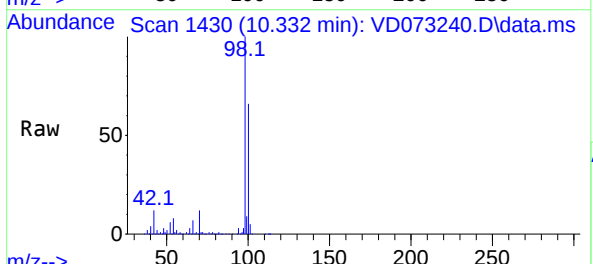
Instrument :
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P015-SS006-0006-01

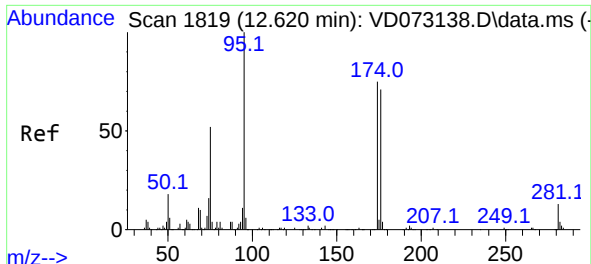
Tgt Ion:113 Resp: 174922
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 51.800 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

Tgt Ion: 98 Resp: 645512
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6

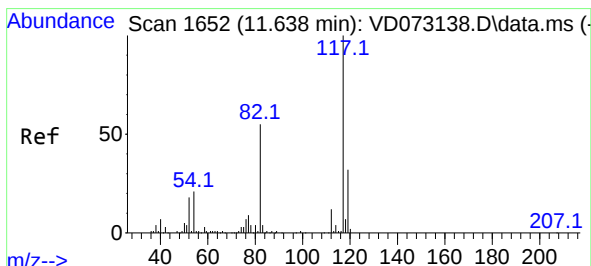
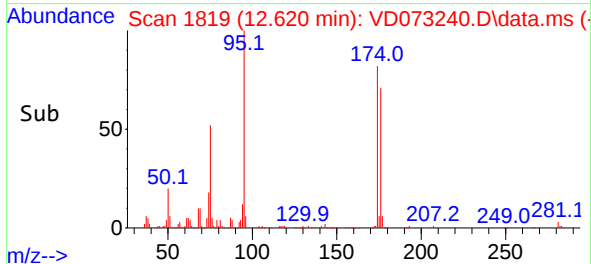
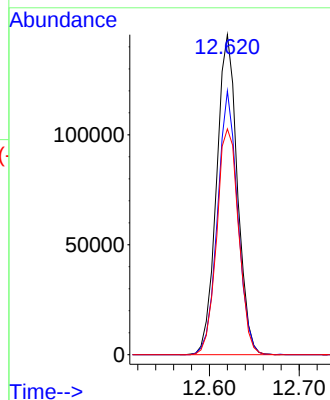
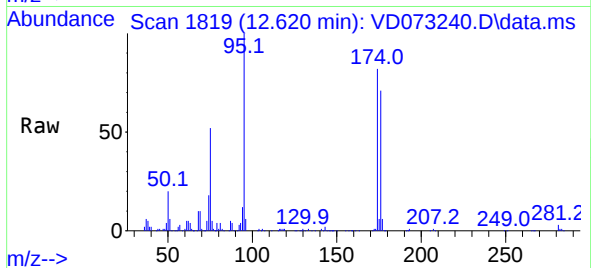




#62
4-Bromofluorobenzene
Concen: 53.647 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

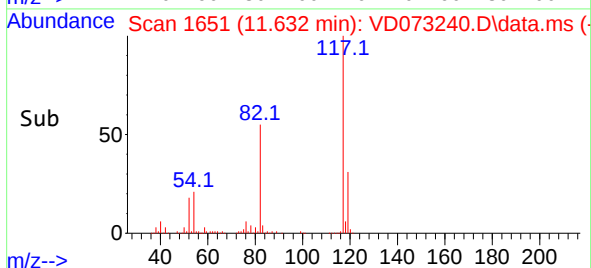
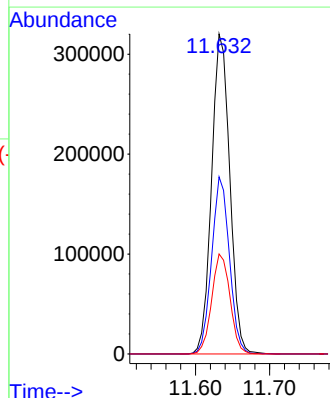
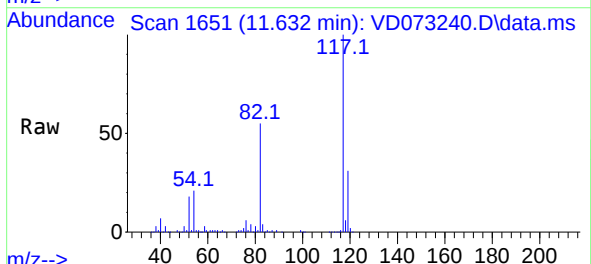
Instrument :
MSVOA_D
ClientSampleId :
P015-SS006-0006-01

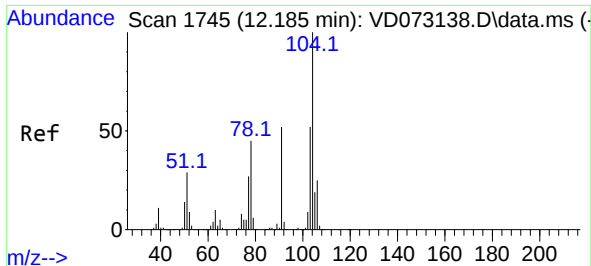
Tgt Ion:	95	Resp:	234614
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	152.8
176	73.9	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

Tgt Ion:	117	Resp:	545814
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	31.2	26.6	40.0

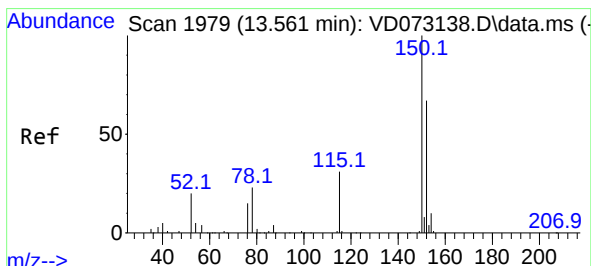
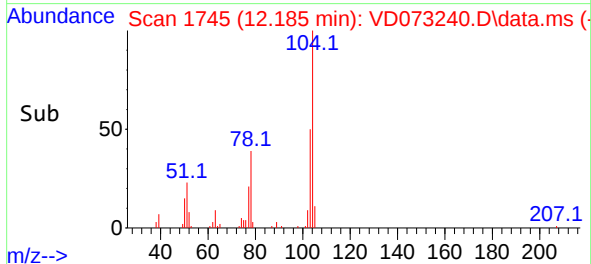
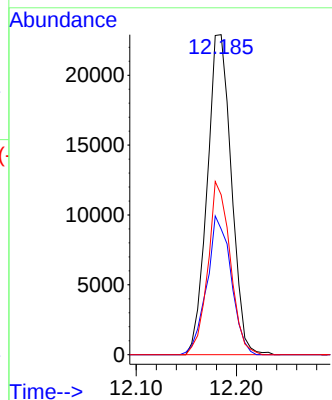
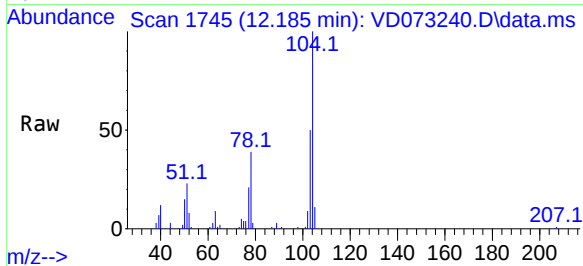




#70
Styrene
Concen: 3.174 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073240.D
Acq: 21 May 2022 20:21

Instrument :
MSVOA_D
ClientSampleId :
P015-SS006-0006-01

Tgt Ion:	104	Resp:	38315
Ion Ratio	Lower	Upper	
104	100		
78	43.4	41.8	62.8
103	50.0	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: VD073240.D
Acq: 21 May 2022 20:21

Tgt Ion:	152	Resp:	237032
Ion Ratio	Lower	Upper	
152	100		
115	60.8	31.3	93.8
150	160.1	0.0	348.6

