

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073153.D
 Acq On : 19 May 2022 22:12
 Operator : VA/SY
 Sample : N2842-01
 Misc : 4.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P009-SS003-2430-02

Quant Time: May 20 01:51:31 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)

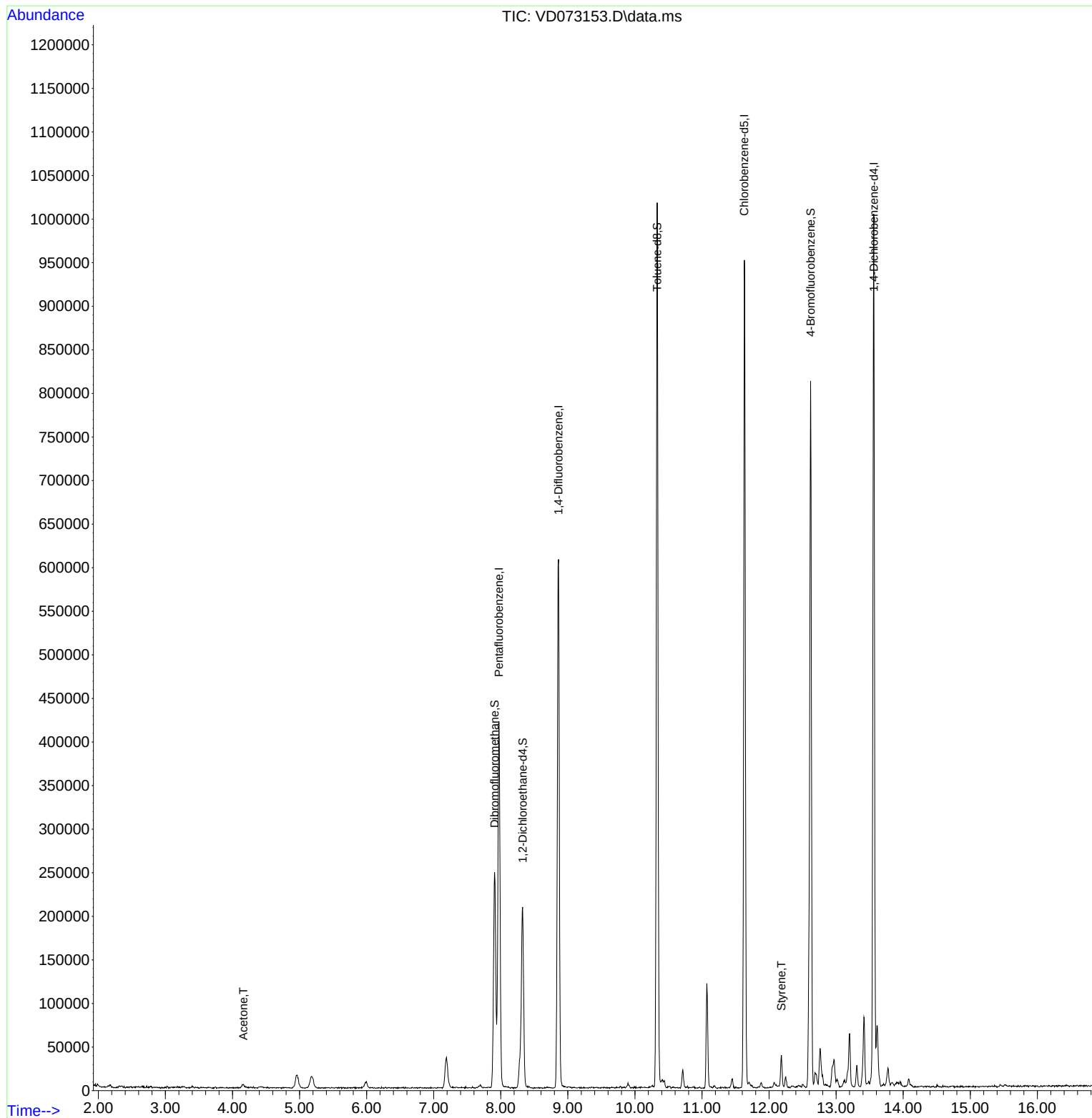
Internal Standards						
1) Pentafluorobenzene	7.973	168	300240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	525425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	549113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	262129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	163171	49.176	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.908	113	177164	51.099	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.200%
50) Toluene-d8	10.332	98	654373	51.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.620	95	259609	57.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.760%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	7132	12.409	ug/l #	84
70) Styrene	12.185	104	17847	1.470	ug/l	92

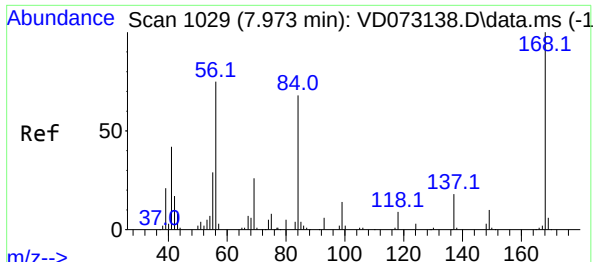
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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MSVOA_D

ClientSampleId :

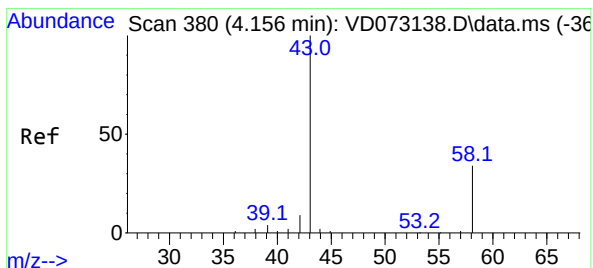
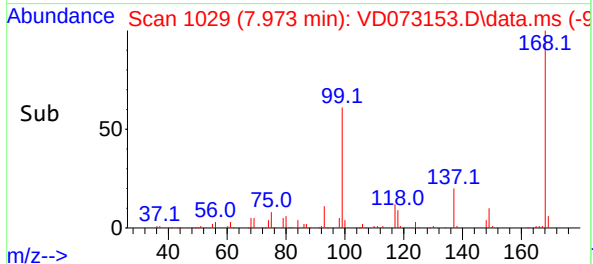
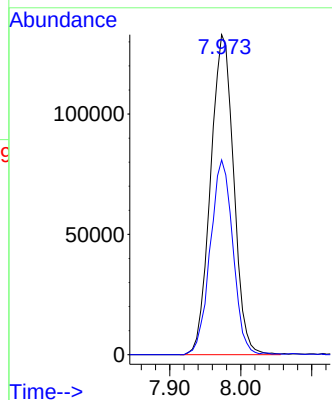
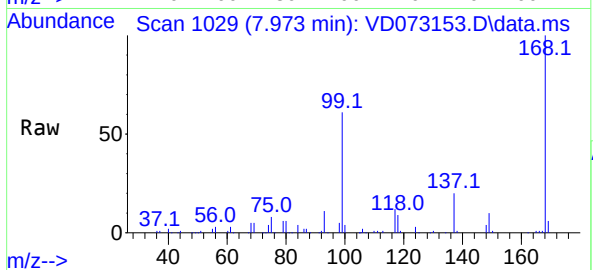
P009-SS003-2430-02

Tgt Ion:168 Resp: 300240

Ion Ratio Lower Upper

168 100

99 60.9 49.8 74.6



#16

Acetone

Concen: 12.409 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD073153.D

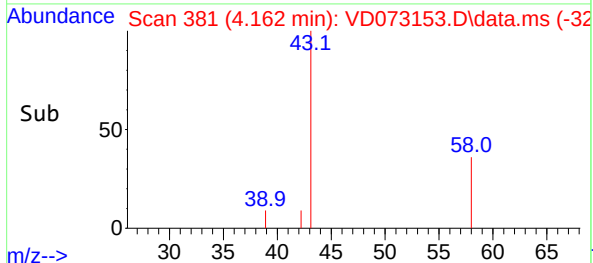
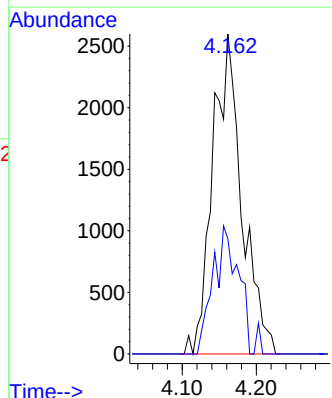
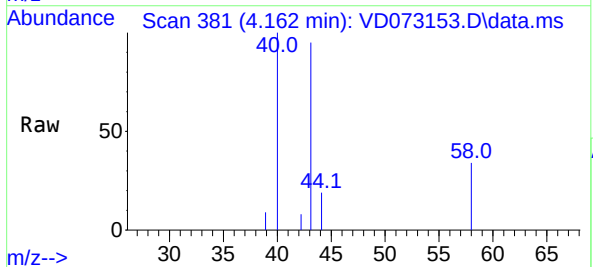
Acq: 19 May 2022 22:12

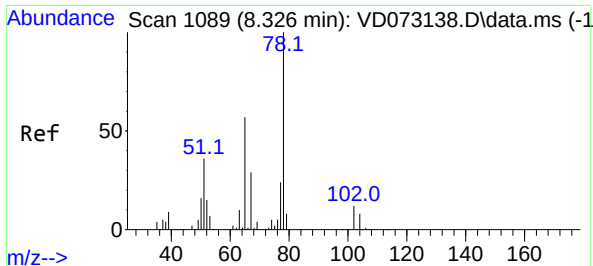
Tgt Ion: 43 Resp: 7132

Ion Ratio Lower Upper

43 100

58 35.9 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 49.176 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD073153.D

Acq: 19 May 2022 22:12

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MSVOA_D

ClientSampleId :

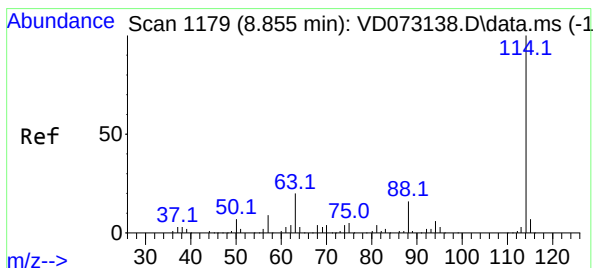
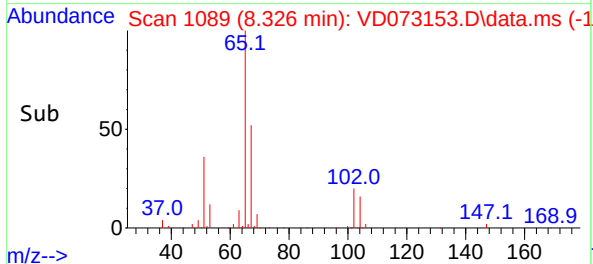
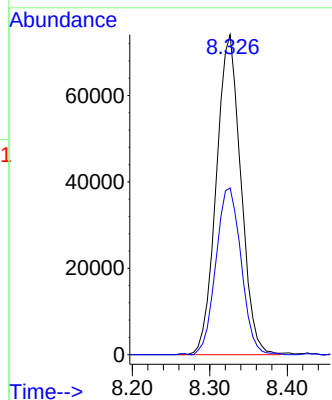
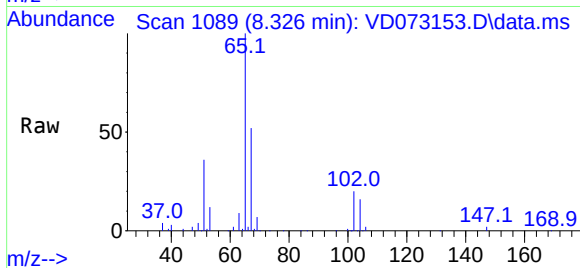
P009-SS003-2430-02

Tgt Ion: 65 Resp: 163171

Ion Ratio Lower Upper

65 100

67 53.6 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: VD073153.D

Acq: 19 May 2022 22:12

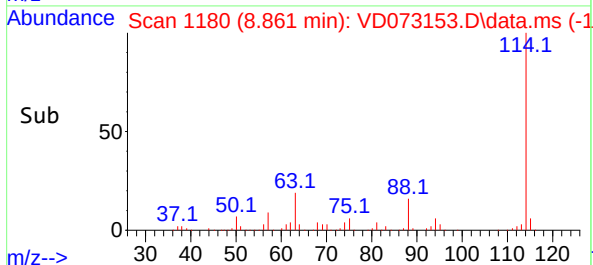
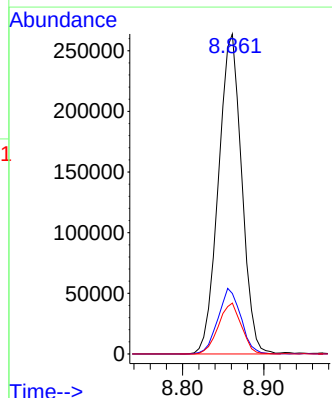
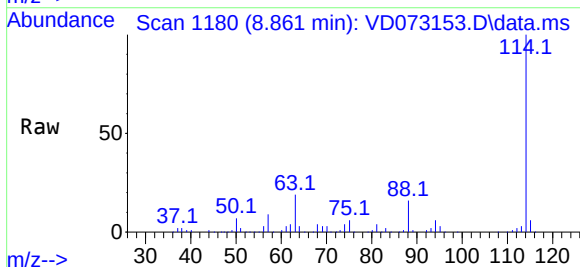
Tgt Ion: 114 Resp: 525425

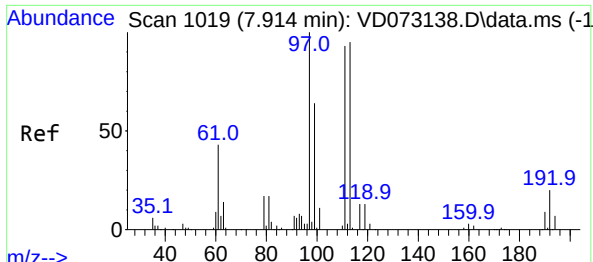
Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.9 0.0 33.2

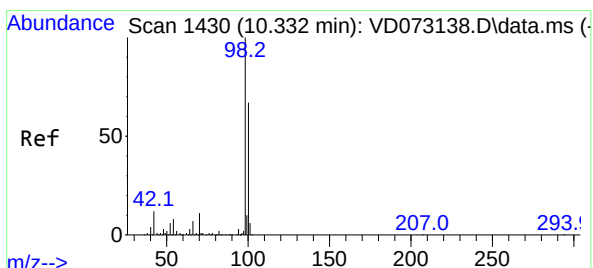
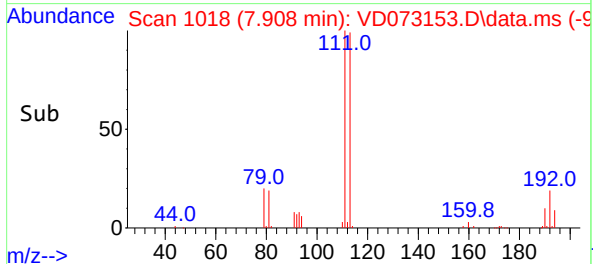
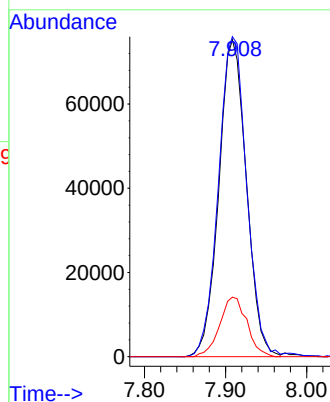
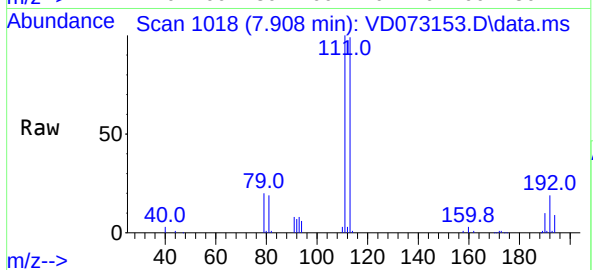




#35
Dibromofluoromethane
Concen: 51.099 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073153.D
Acq: 19 May 2022 22:12

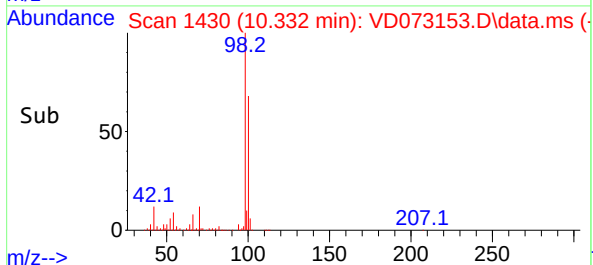
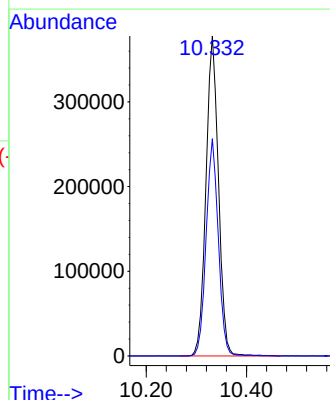
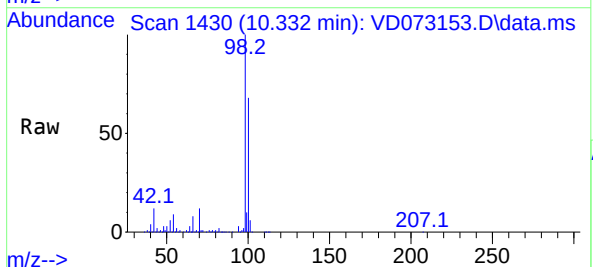
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

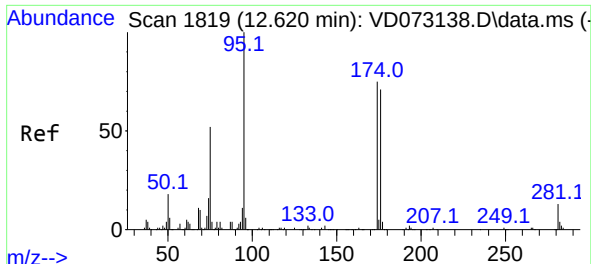
Tgt Ion:113 Resp: 177164
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.6 14.6 21.8



#50
Toluene-d8
Concen: 51.200 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073153.D
Acq: 19 May 2022 22:12

Tgt Ion: 98 Resp: 654373
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

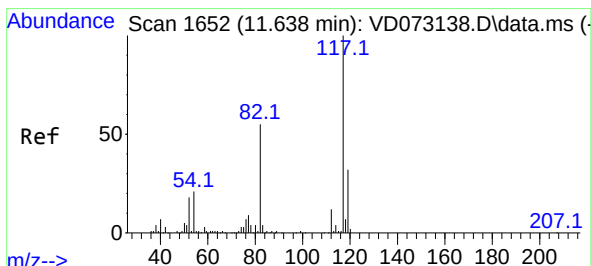
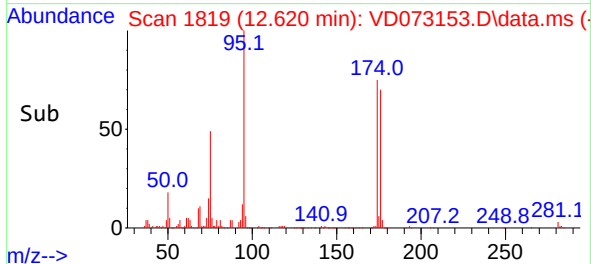
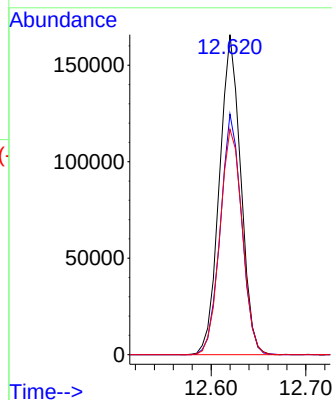
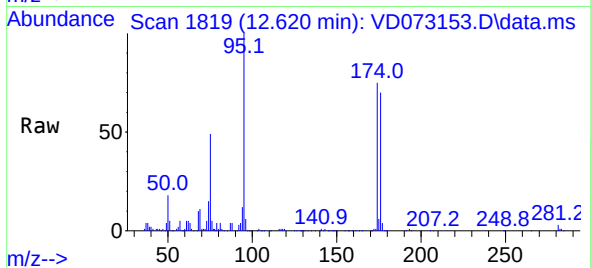




#62
4-Bromofluorobenzene
Concen: 57.881 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073153.D
Acq: 19 May 2022 22:12

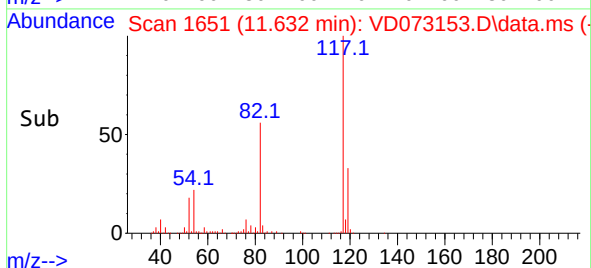
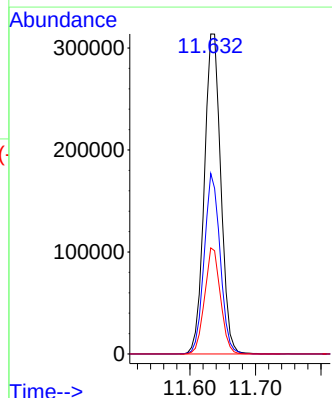
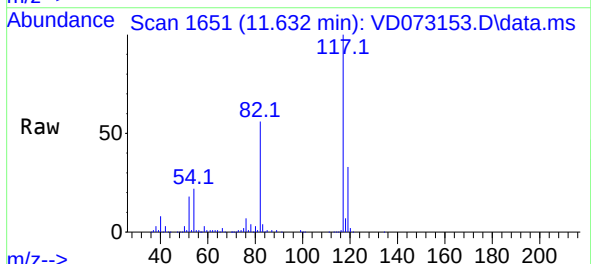
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MSVOA_D
ClientSampleId :
P009-SS003-2430-02

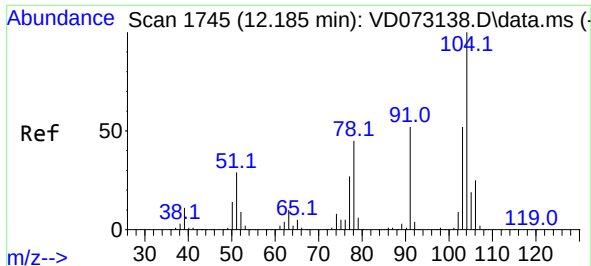
Tgt Ion: 95 Resp: 259609
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073153.D
Acq: 19 May 2022 22:12

Tgt Ion: 117 Resp: 549113
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 33.1 26.6 40.0

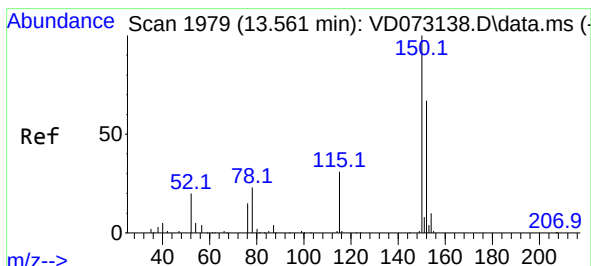
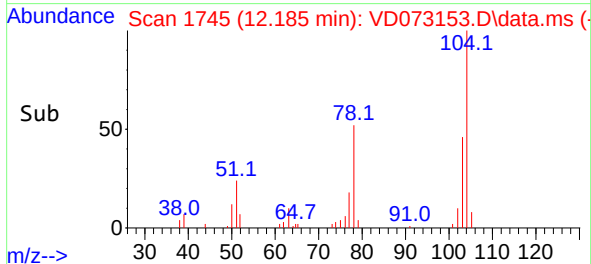
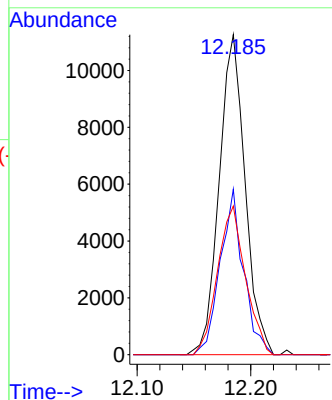
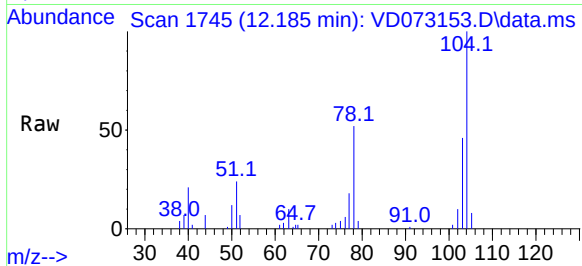




#70
Styrene
Concen: 1.470 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073153.D
Acq: 19 May 2022 22:12

Instrument :
MSVOA_D
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P009-SS003-2430-02

Tgt Ion:104	Resp:	17847
Ion	Ratio	Lower Upper
104	100	
78	46.6	41.8 62.8
103	50.2	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: VD073153.D
Acq: 19 May 2022 22:12

Tgt Ion:152	Resp:	262129
Ion	Ratio	Lower Upper
152	100	
115	60.6	31.3 93.8
150	157.8	0.0 348.6

