

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073200.D
 Acq On : 20 May 2022 23:13
 Operator : VA/SY
 Sample : N2885-02
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS002-0612-01

Quant Time: May 21 00:18:11 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)

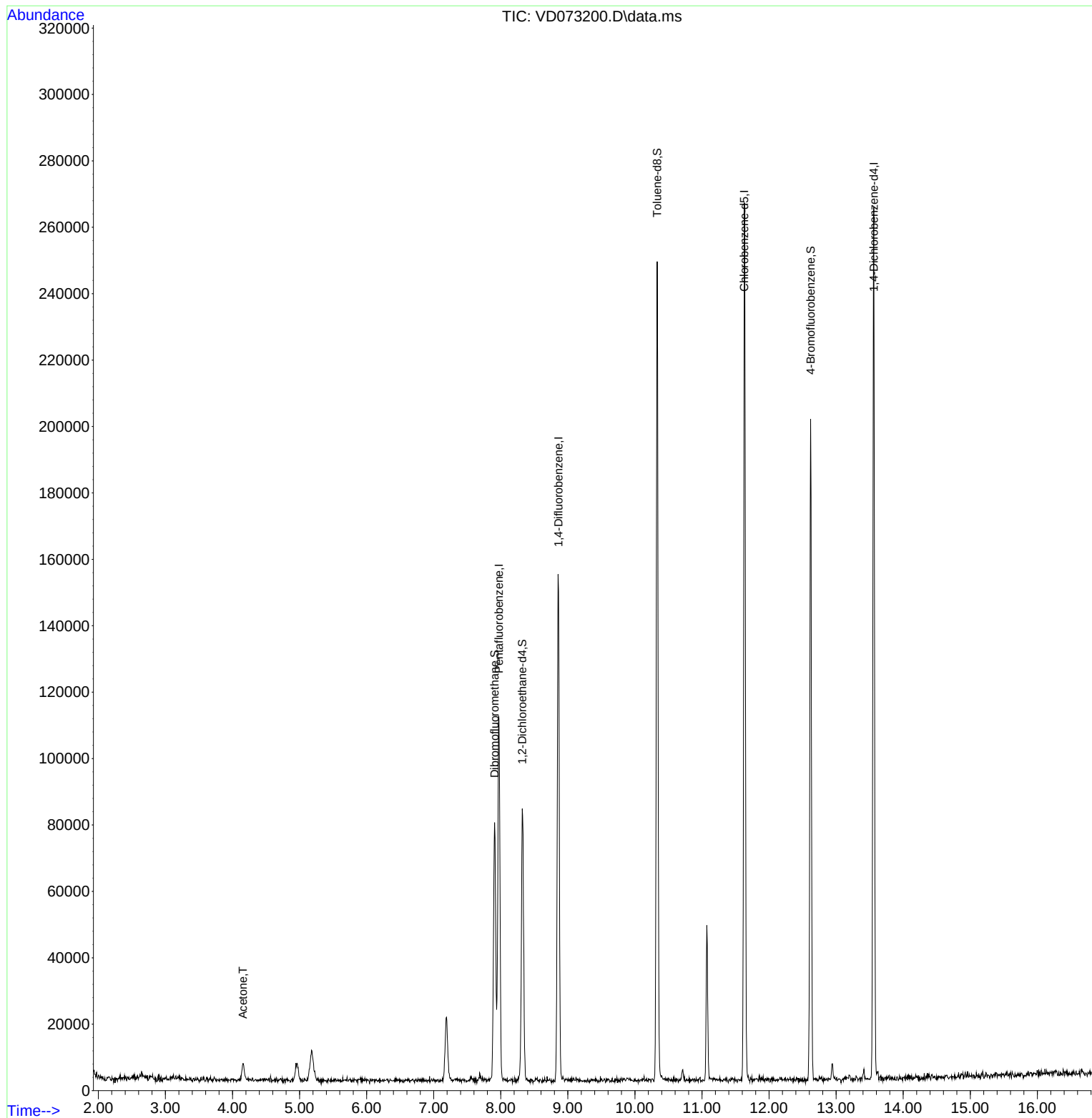
Internal Standards						
1) Pentafluorobenzene	7.973	168	78202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	130225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	154075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	68641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67058	77.592	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.180%	
35) Dibromofluoromethane	7.908	113	56951	66.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.560%	
50) Toluene-d8	10.332	98	163834	51.721	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.440%	
62) 4-Bromofluorobenzene	12.620	95	66024	59.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.780%	
Target Compounds						
16) Acetone	4.156	43	8358	55.833	ug/l	Qvalue # 65

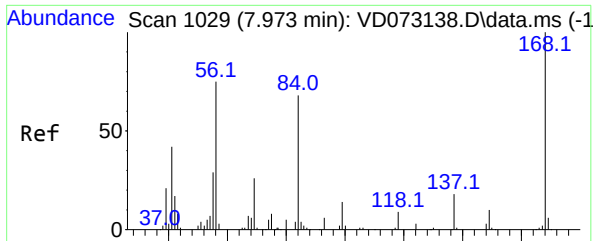
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073200.D

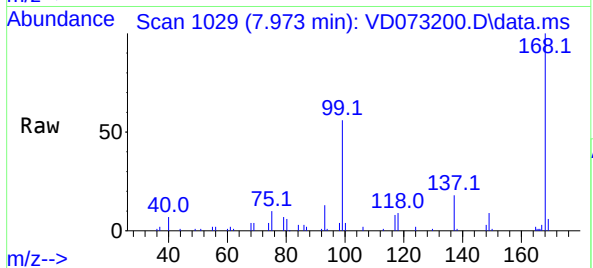
Acq: 20 May 2022 23:13

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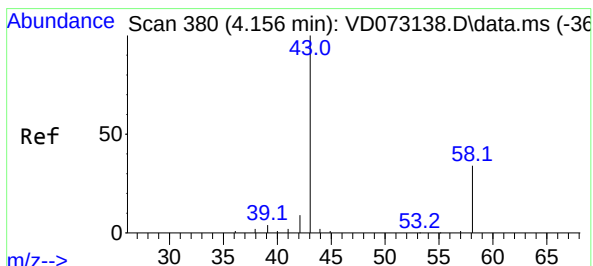
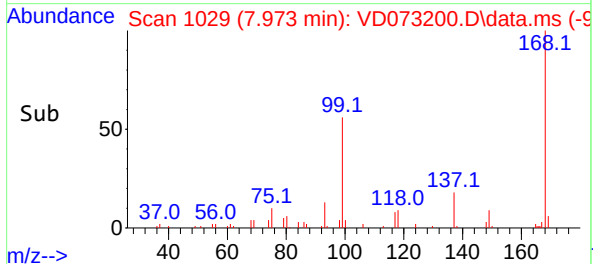
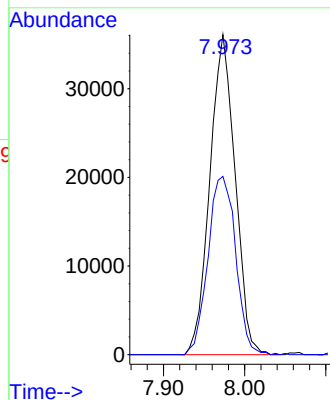


Tgt Ion:168 Resp: 78202

Ion Ratio Lower Upper

168 100

99 55.7 49.8 74.6



#16

Acetone

Concen: 55.833 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD073200.D

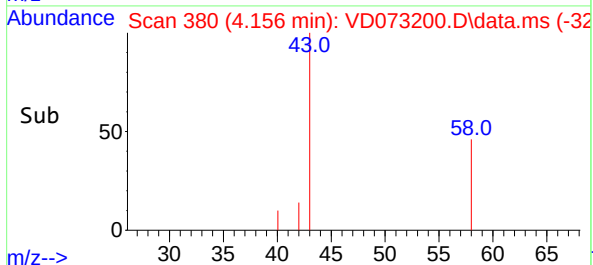
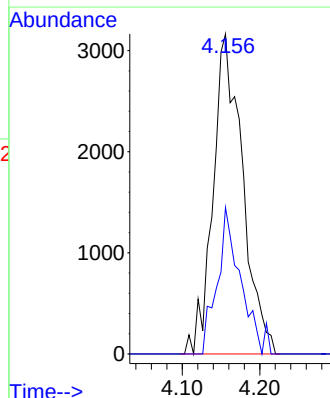
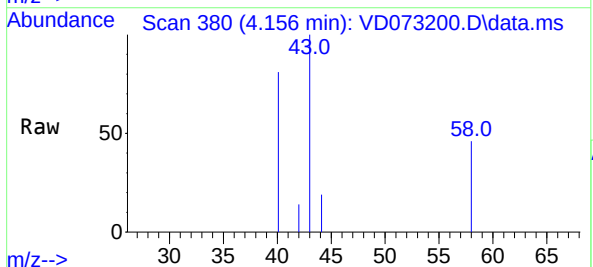
Acq: 20 May 2022 23:13

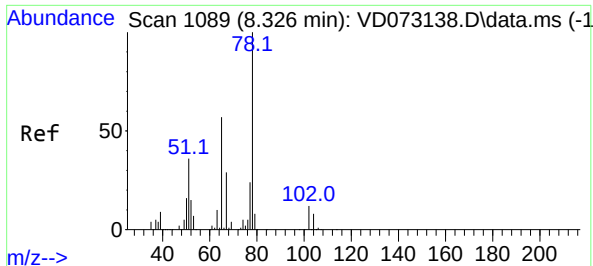
Tgt Ion: 43 Resp: 8358

Ion Ratio Lower Upper

43 100

58 45.8 22.1 33.1#

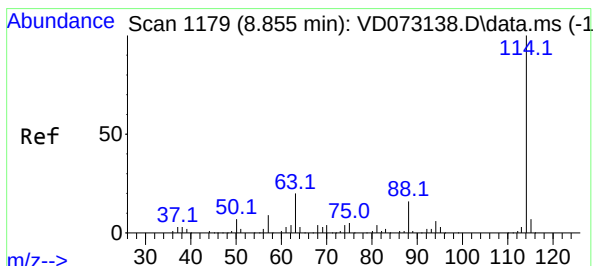
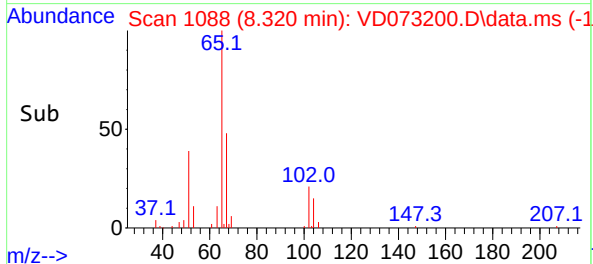
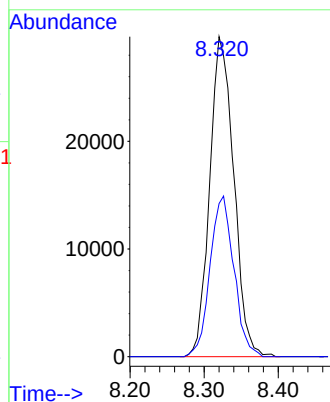
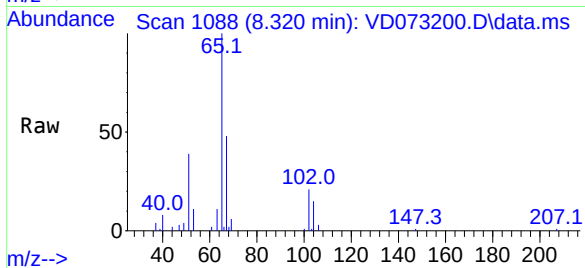




#33
 1,2-Dichloroethane-d4
 Concen: 77.592 ug/l
 RT: 8.320 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD073200.D
 Acq: 20 May 2022 23:13

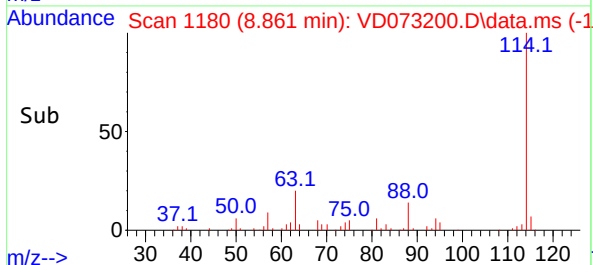
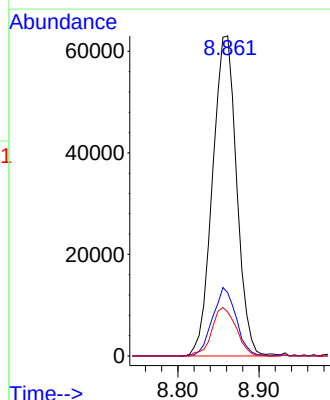
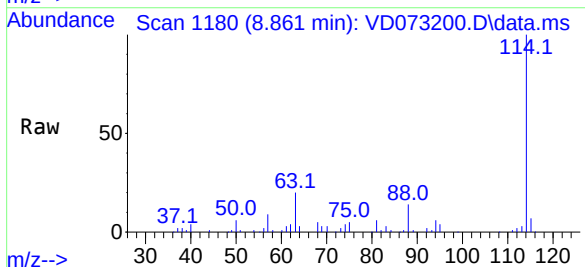
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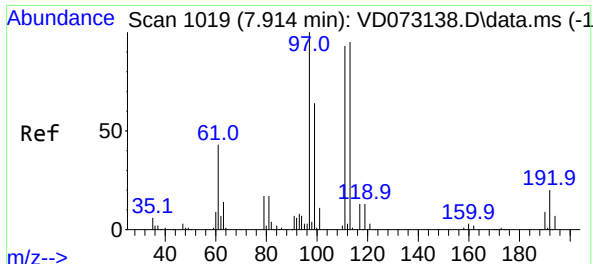
Tgt Ion: 65 Resp: 67058
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. 0.006 min
 Lab File: VD073200.D
 Acq: 20 May 2022 23:13

Tgt Ion: 114 Resp: 130225
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 46.6
 88 13.7 0.0 33.2

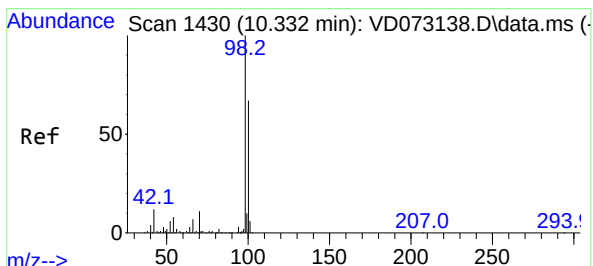
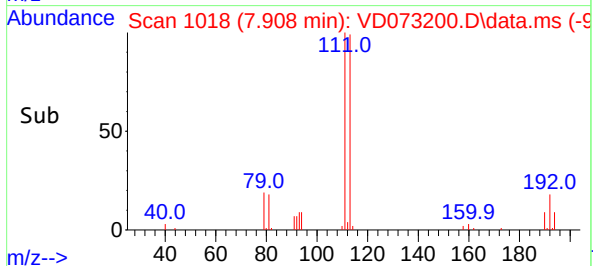
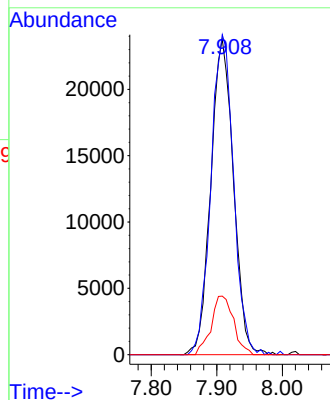
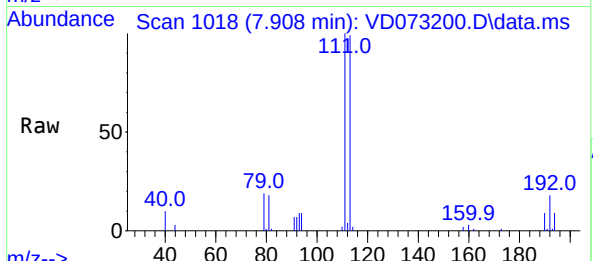




#35
Dibromofluoromethane
Concen: 66.275 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073200.D
Acq: 20 May 2022 23:13

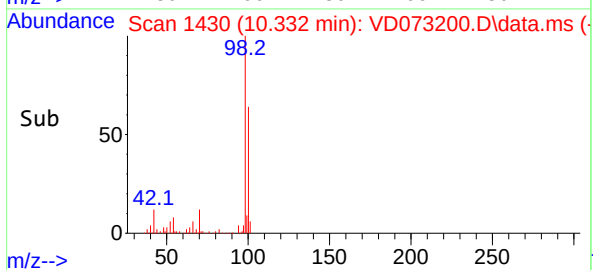
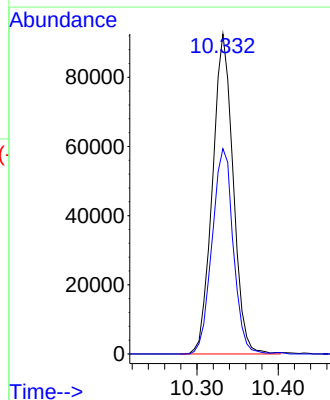
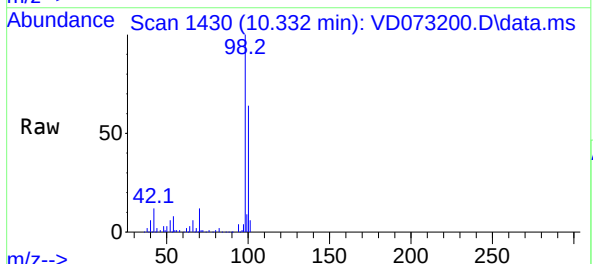
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-0612-01

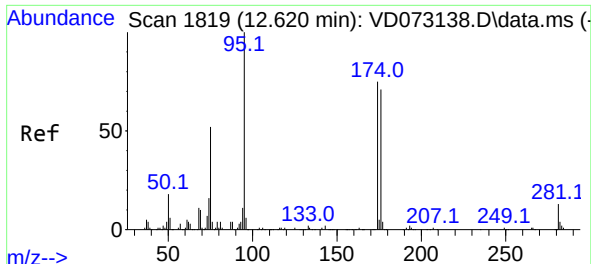
Tgt Ion:113 Resp: 56951
Ion Ratio Lower Upper
113 100
111 101.4 83.8 125.6
192 18.3 14.6 21.8



#50
Toluene-d8
Concen: 51.721 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073200.D
Acq: 20 May 2022 23:13

Tgt Ion: 98 Resp: 163834
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

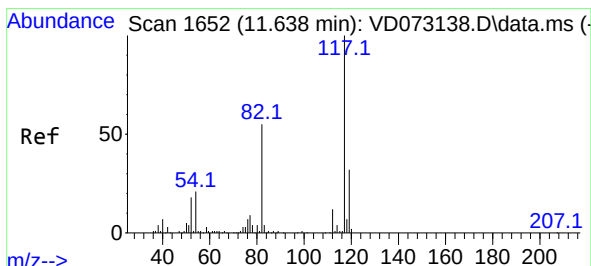
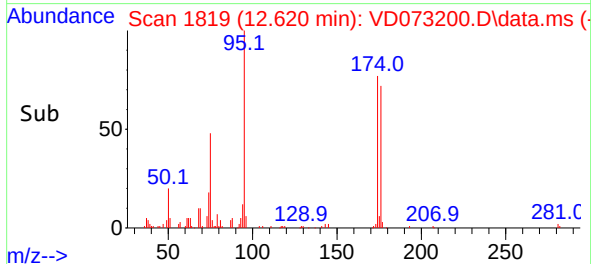
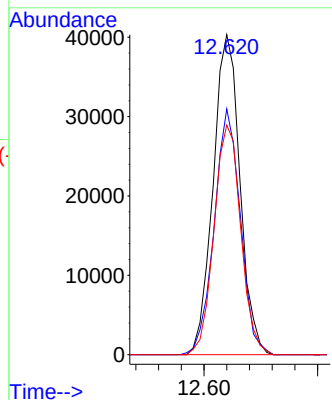
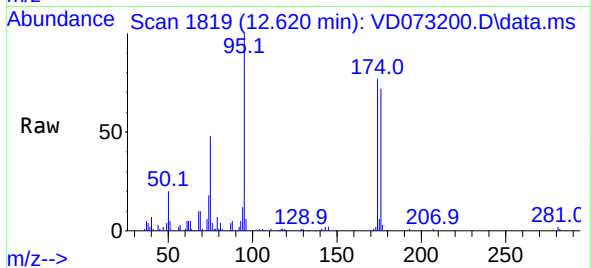




#62
4-Bromofluorobenzene
Concen: 59.393 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073200.D
Acq: 20 May 2022 23:13

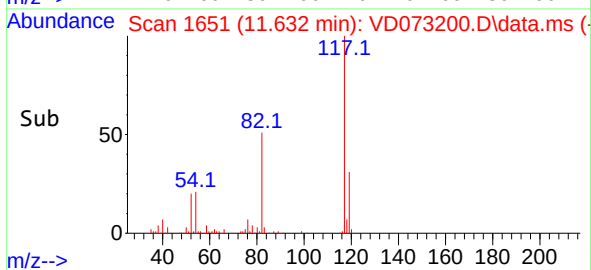
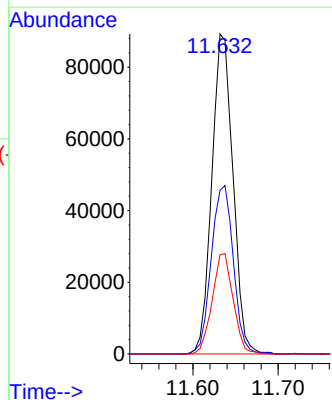
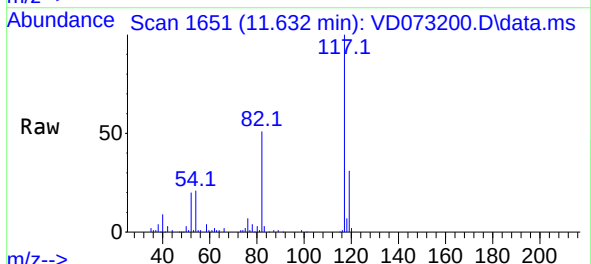
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-0612-01

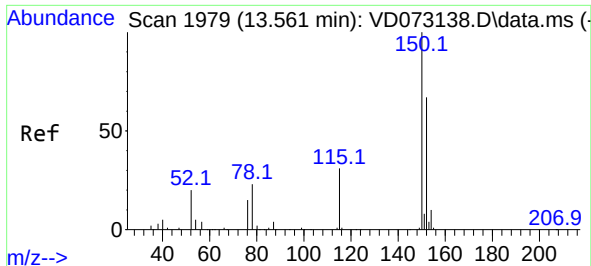
Tgt Ion:	95	Resp:	66024
Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	152.8
176	71.7	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073200.D
Acq: 20 May 2022 23:13

Tgt Ion:	117	Resp:	154075
Ion	Ratio	Lower	Upper
117	100		
82	51.2	45.3	67.9
119	31.0	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: VD073200.D

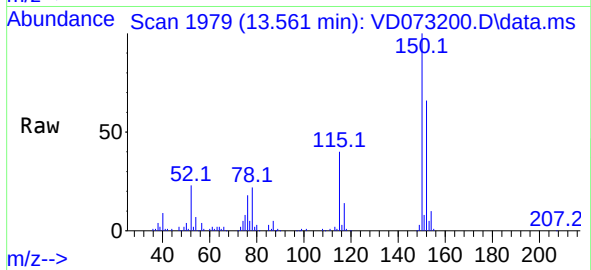
Acq: 20 May 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

P004-SS002-0612-01



Tgt Ion:152 Resp: 68641

Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 159.2 0.0 348.6

