

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073268.D
 Acq On : 22 May 2022 11:24
 Operator : VA/SY
 Sample : N2920-23
 Misc : 4.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS001-0006-01

Quant Time: May 23 01:15:42 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)

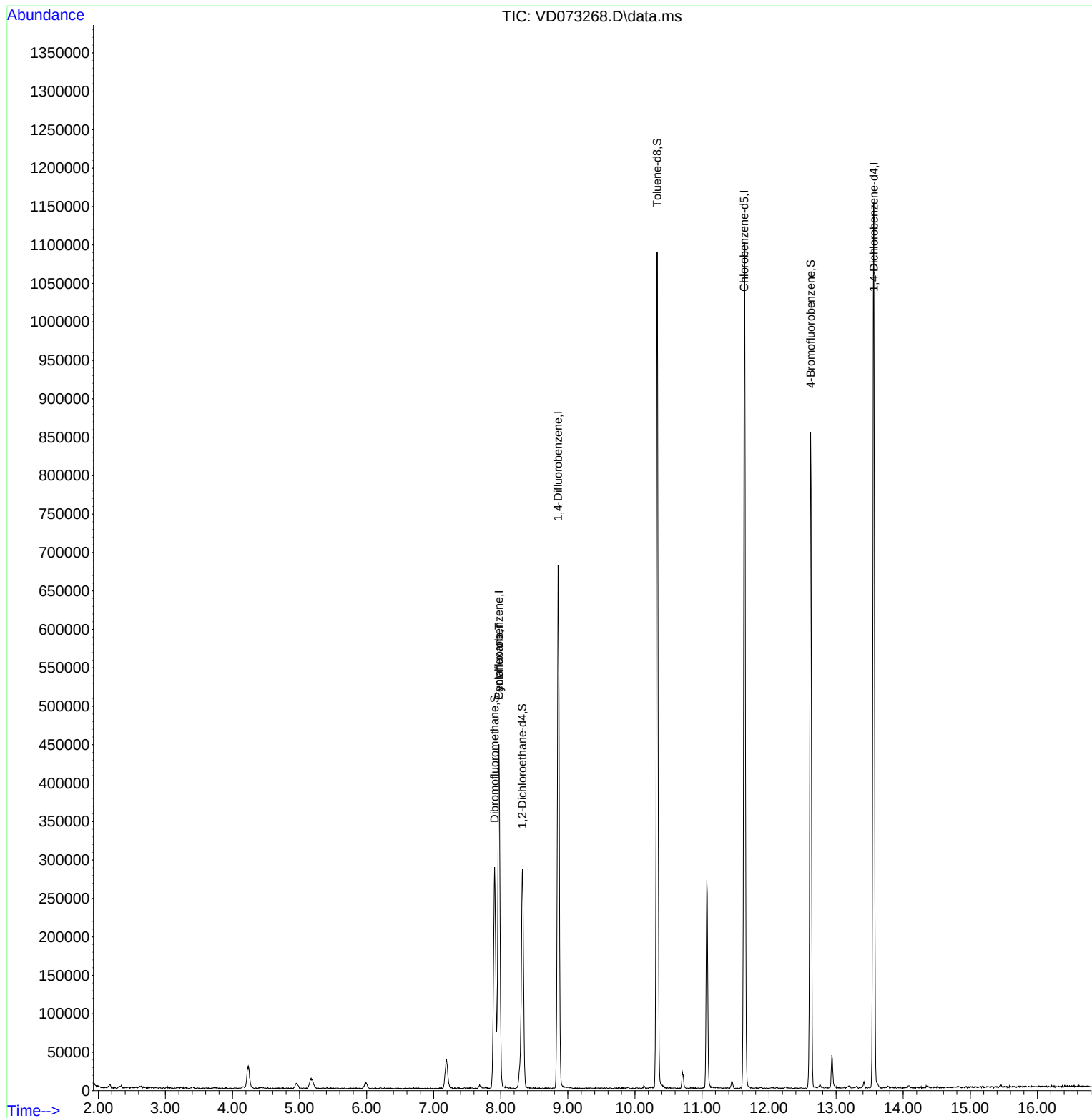
Internal Standards						
1) Pentafluorobenzene	7.973	168	316448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	572284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	631040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	221186	63.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.500%
35) Dibromofluoromethane	7.908	113	205438	54.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.800%
50) Toluene-d8	10.332	98	720071	51.728	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.460%
62) 4-Bromofluorobenzene	12.620	95	281026	57.525	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.060%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	7957	1.302	ug/l #	1

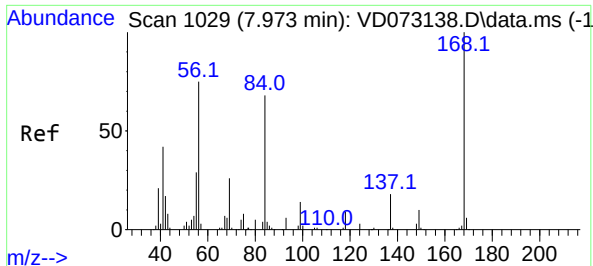
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

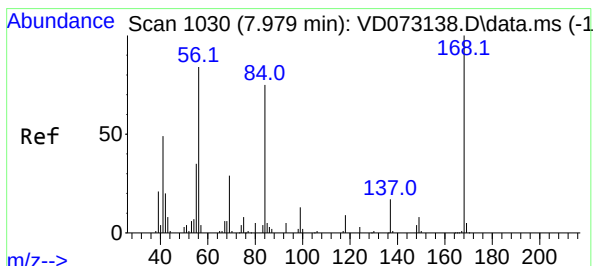
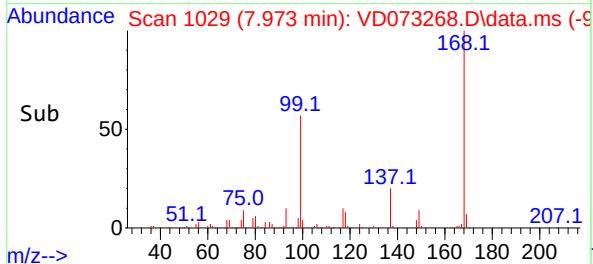
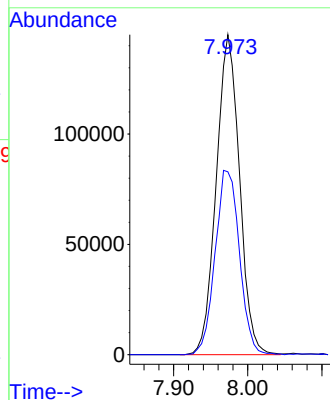
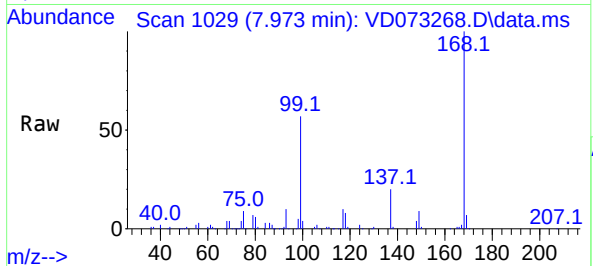
P028-SS001-0006-01

Tgt Ion:168 Resp: 316448

Ion Ratio Lower Upper

168 100

99 57.1 49.8 74.6



Cyclohexane

Concen: 1.302 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073268.D

Acq: 22 May 2022 11:24

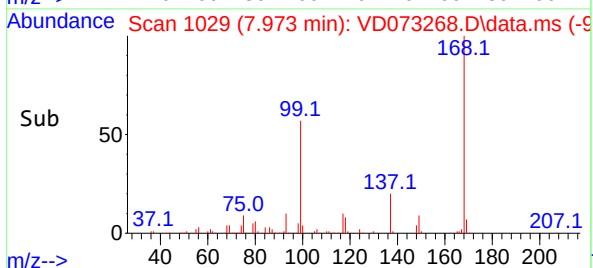
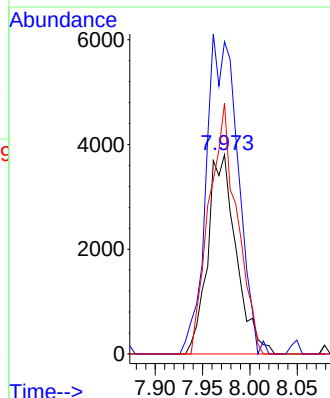
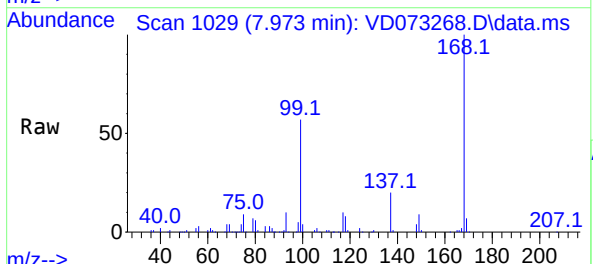
Tgt Ion: 56 Resp: 7957

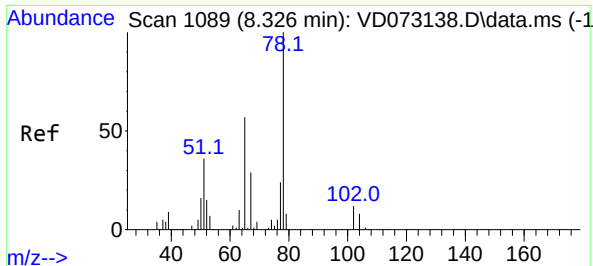
Ion Ratio Lower Upper

56 100

69 156.8 25.4 38.2#

84 125.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 63.247 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073268.D

Acq: 22 May 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

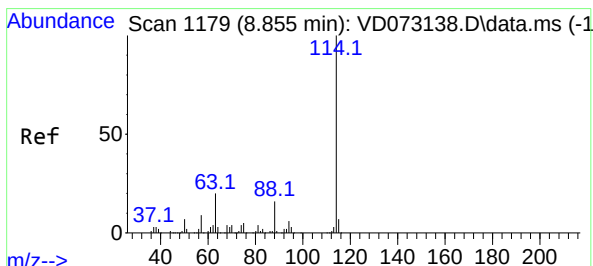
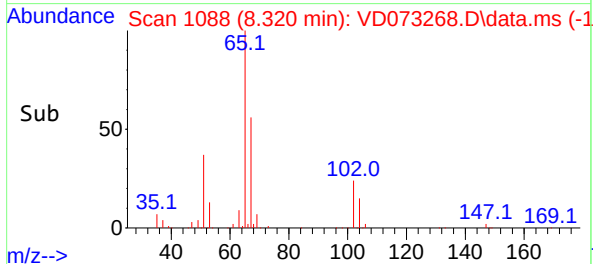
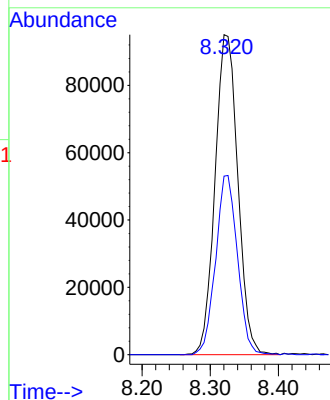
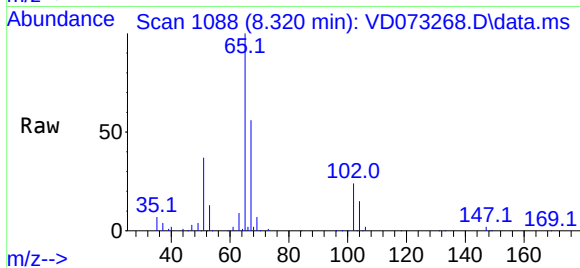
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Tgt Ion: 65 Resp: 221186

Ion Ratio Lower Upper

65 100

67 53.6 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: VD073268.D

Acq: 22 May 2022 11:24

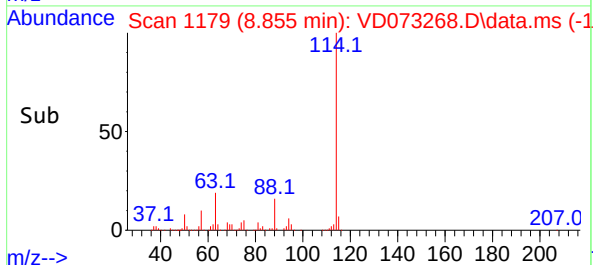
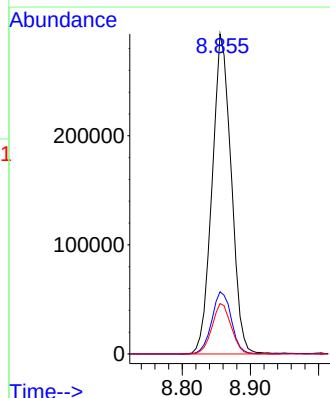
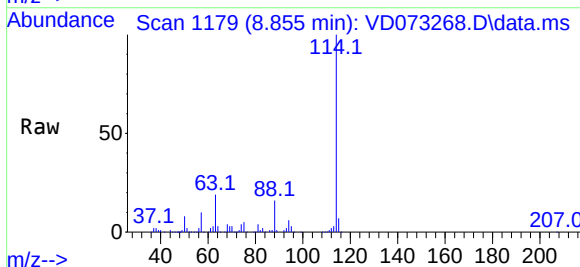
Tgt Ion: 114 Resp: 572284

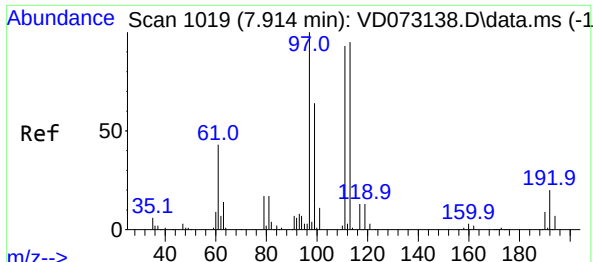
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.8 0.0 33.2

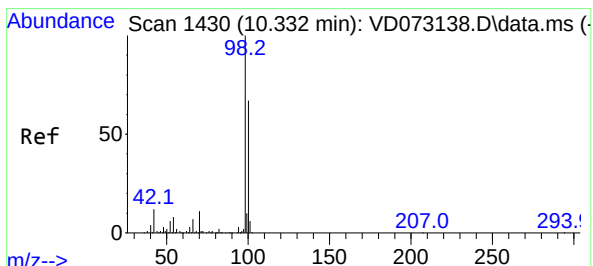
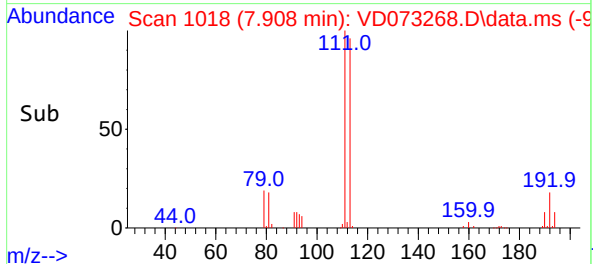
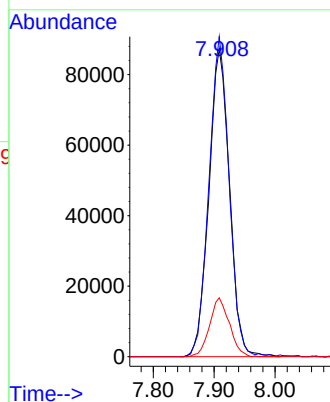
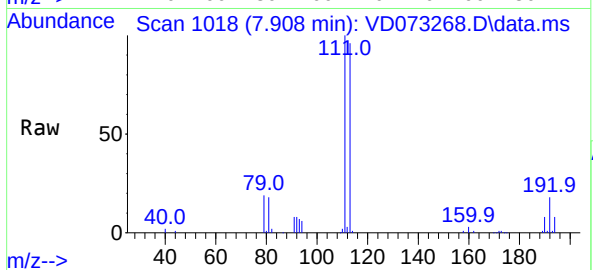




#35
Dibromofluoromethane
Concen: 54.402 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073268.D
Acq: 22 May 2022 11:24

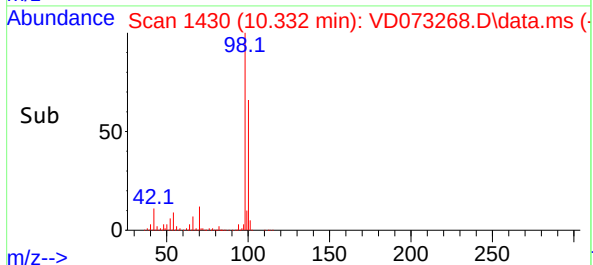
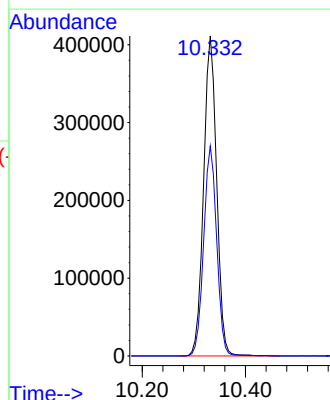
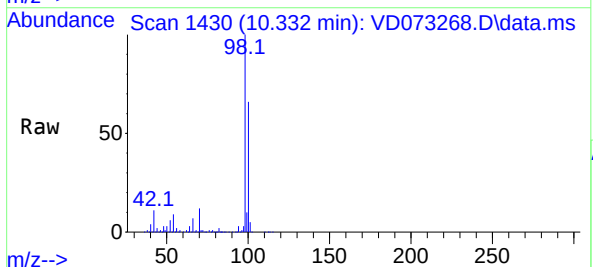
Instrument :
MSVOA_D
ClientSampleId :
P028-SS001-0006-01

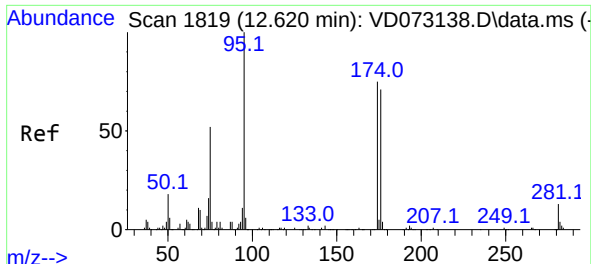
Tgt Ion:113 Resp: 205438
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.4 14.6 21.8



#50
Toluene-d8
Concen: 51.728 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073268.D
Acq: 22 May 2022 11:24

Tgt Ion: 98 Resp: 720071
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

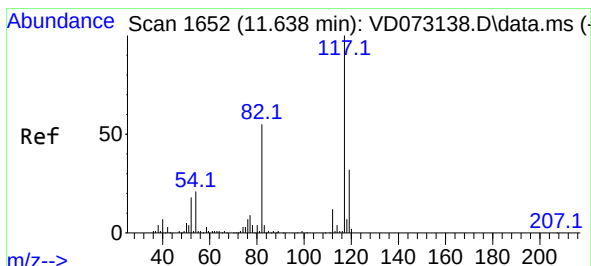
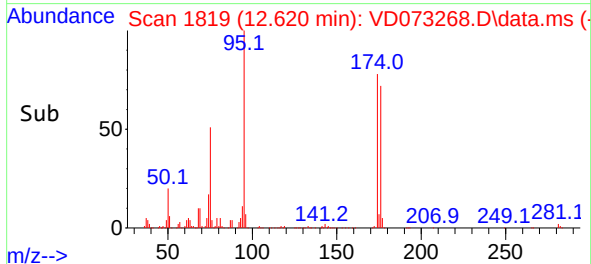
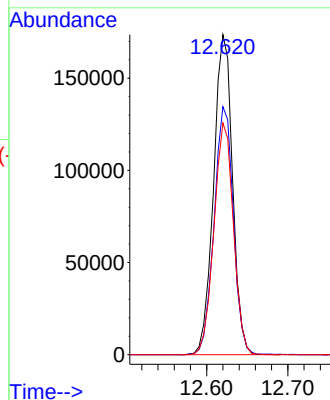
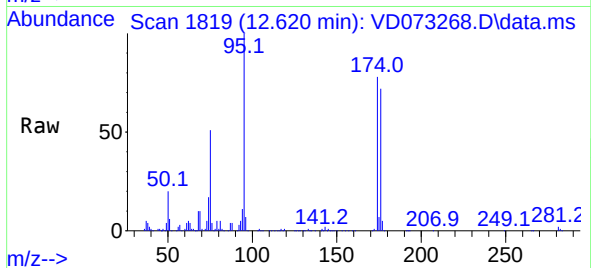




#62
4-Bromofluorobenzene
Concen: 57.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073268.D
Acq: 22 May 2022 11:24

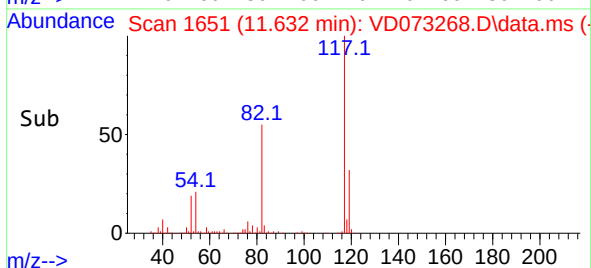
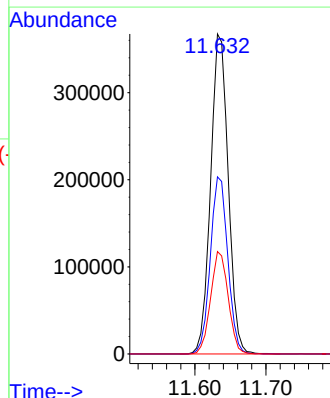
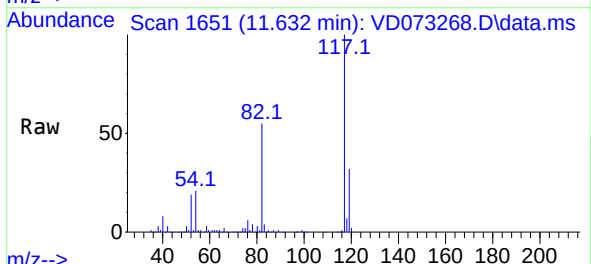
Instrument :
MSVOA_D
ClientSampleId :
P028-SS001-0006-01

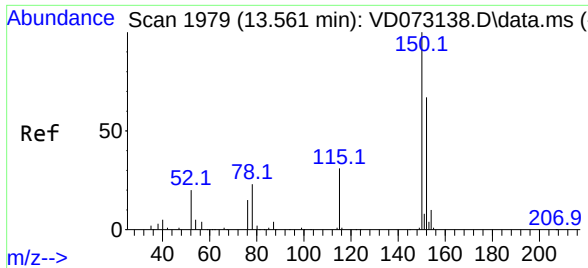
Tgt Ion:	95	Resp:	281026
Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	152.8
176	74.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073268.D
Acq: 22 May 2022 11:24

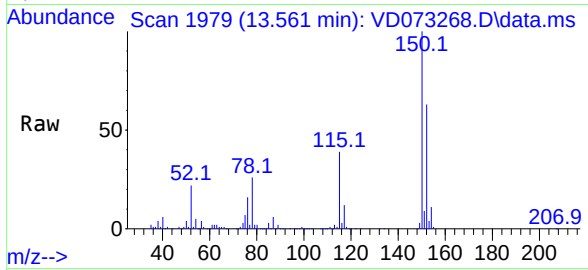
Tgt Ion:	117	Resp:	631040
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	32.0	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073268.D
 Acq: 22 May 2022 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 P028-SS001-0006-01



Tgt Ion:152 Resp: 299282

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	158.9	0.0	348.6

