

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073218.D
 Acq On : 21 May 2022 09:13
 Operator : VA/SY
 Sample : N2885-14
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-2430-01

Quant Time: May 22 00:01:16 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)

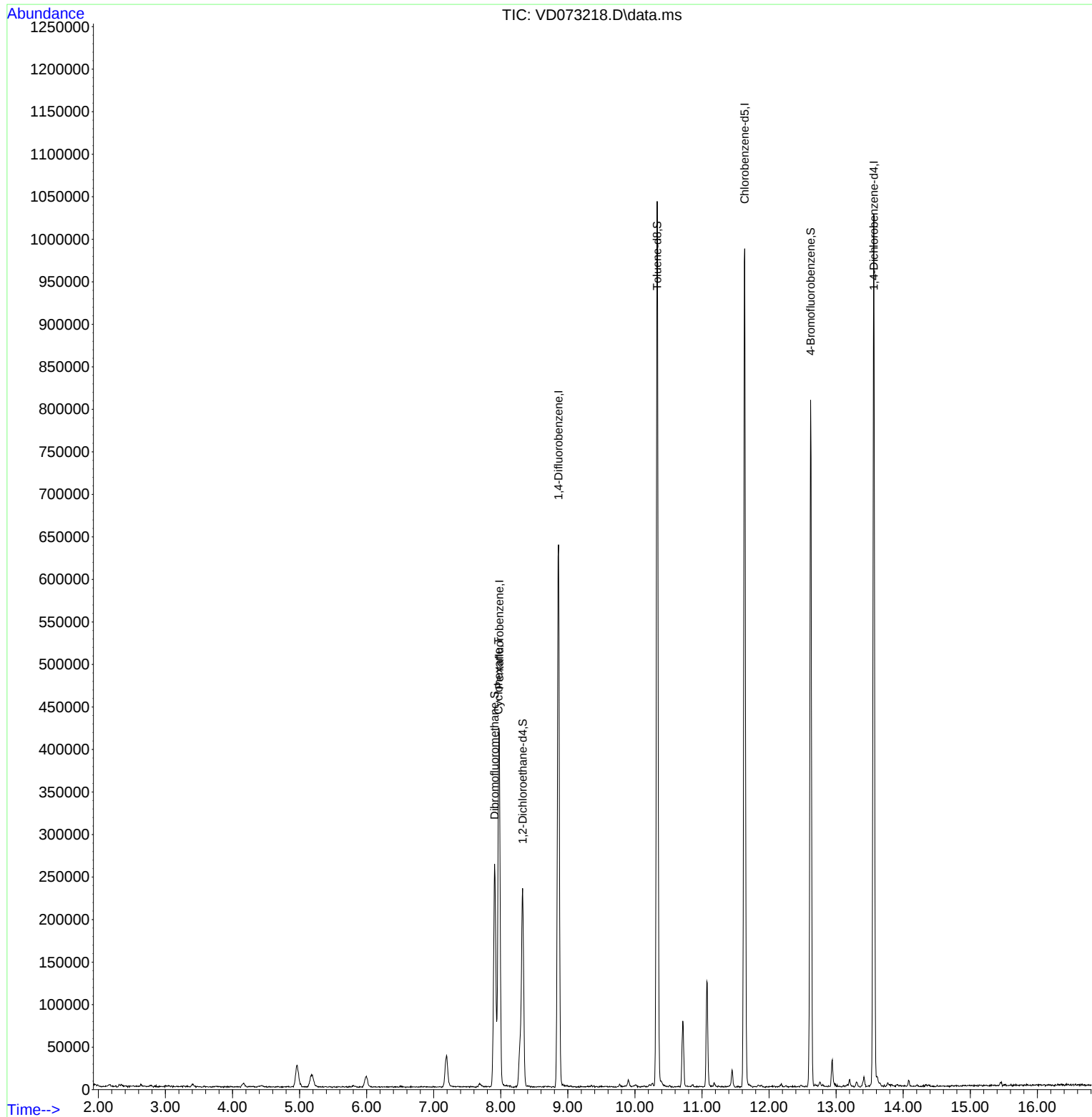
Internal Standards						
1) Pentafluorobenzene	7.979	168	308281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	547168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176269	51.74	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.48%	
35) Dibromofluoromethane	7.908	113	187867	52.03	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.06%	
50) Toluene-d8	10.332	98	685352	51.49	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.98%	
62) 4-Bromofluorobenzene	12.620	95	256094	54.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.66%	
Target Compounds						
31) Cyclohexane	7.967	56	8042	1.35	ug/l	Qvalue # 1

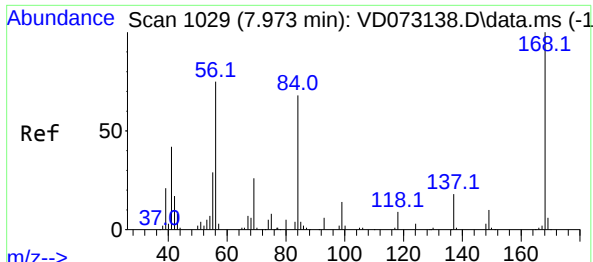
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

Instrument :

MSVOA_D

ClientSampleId :

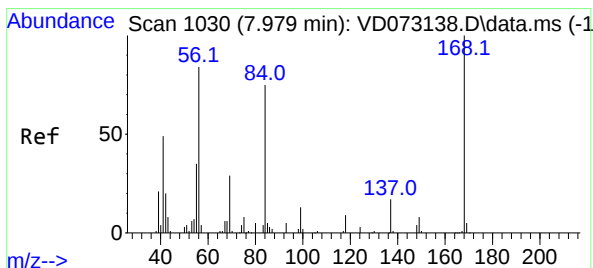
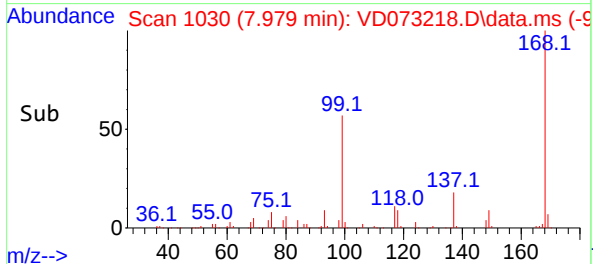
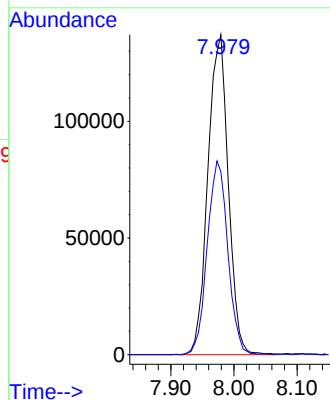
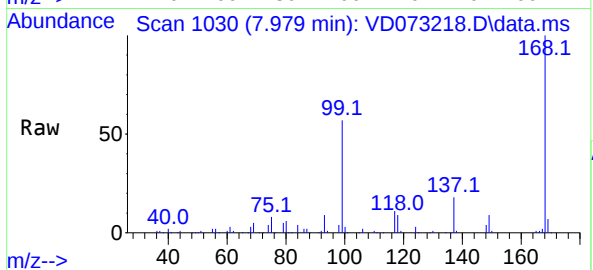
P008-SS002-2430-01

Tgt Ion:168 Resp: 308281

Ion Ratio Lower Upper

168 100

99 57.2 49.8 74.6



#31

Cyclohexane

Concen: 1.35 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

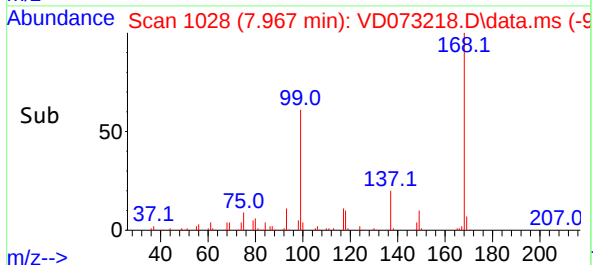
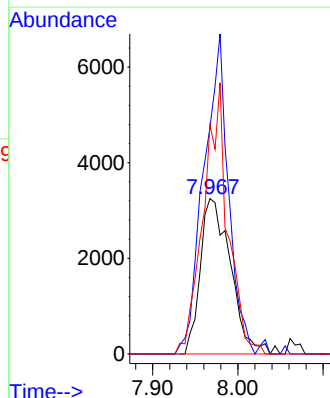
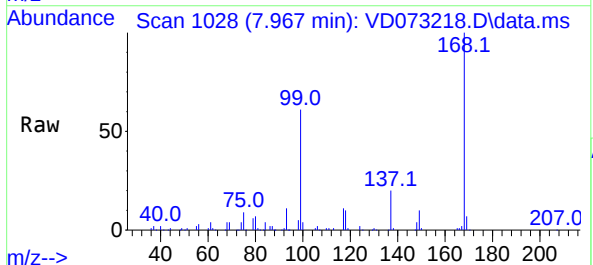
Tgt Ion: 56 Resp: 8042

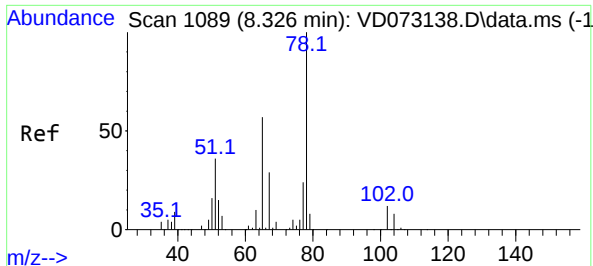
Ion Ratio Lower Upper

56 100

69 145.8 25.4 38.2#

84 147.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

Instrument :

MSVOA_D

ClientSampleId :

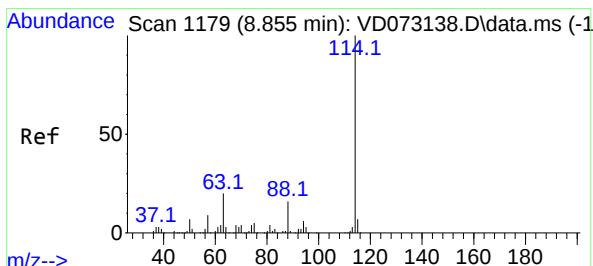
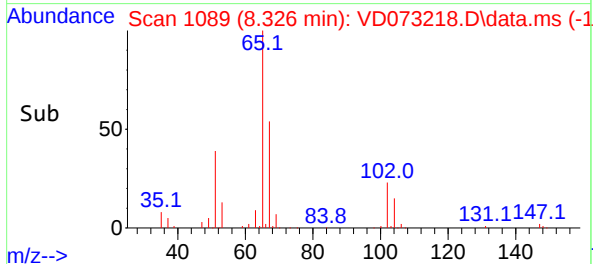
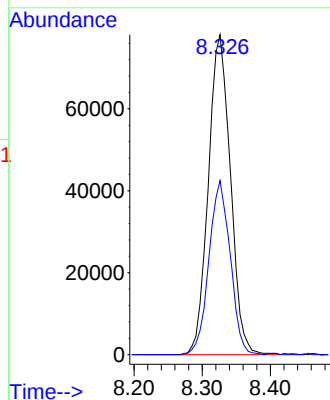
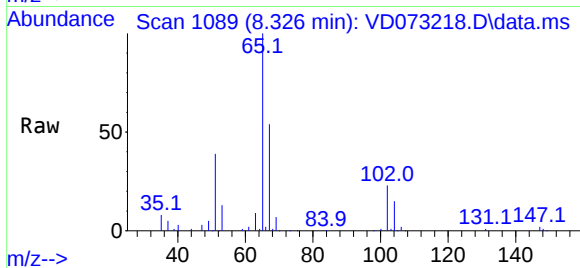
P008-SS002-2430-01

Tgt Ion: 65 Resp: 176269

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073218.D

Acq: 21 May 2022 09:13

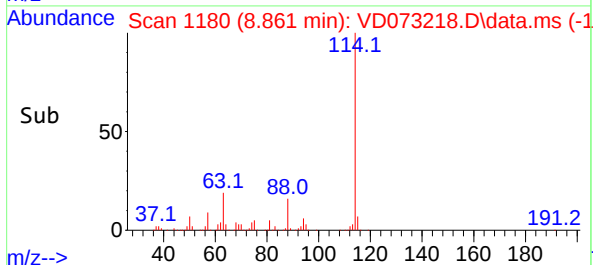
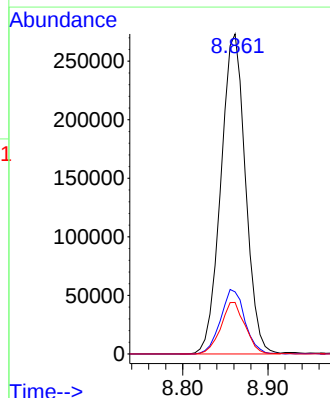
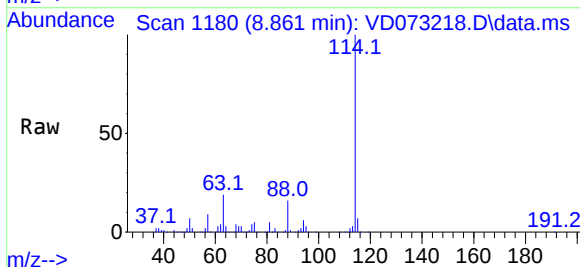
Tgt Ion: 114 Resp: 547168

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

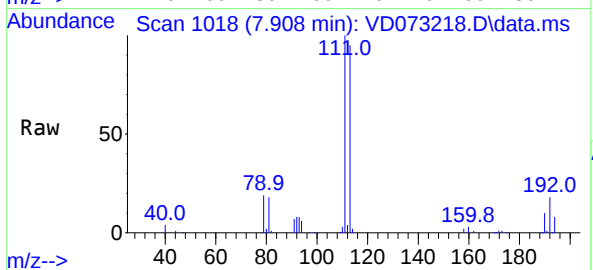
88 16.1 0.0 33.2



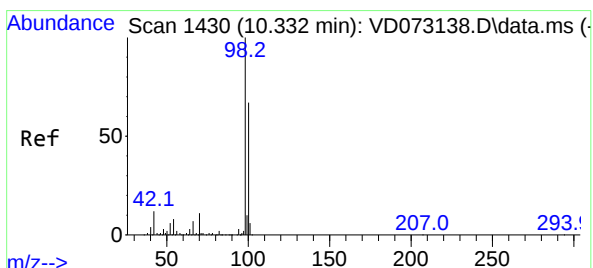
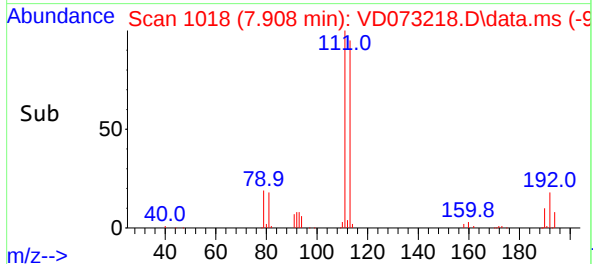
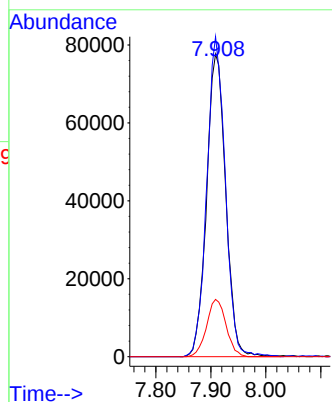


#35
Dibromofluoromethane
Concen: 52.03 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

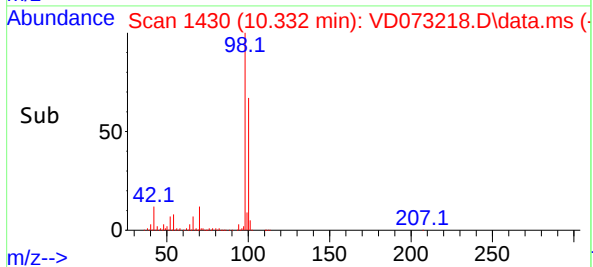
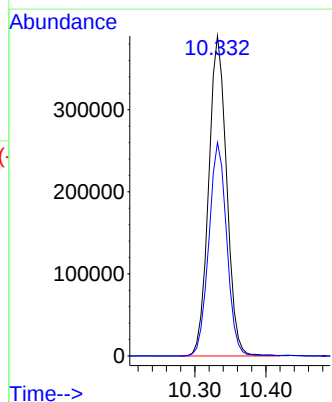
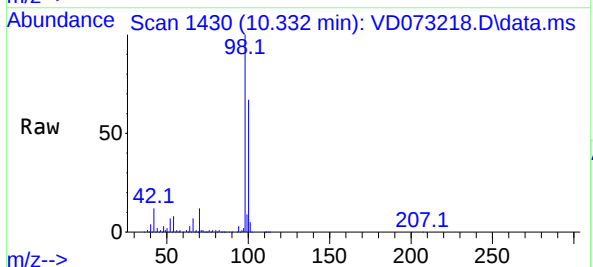


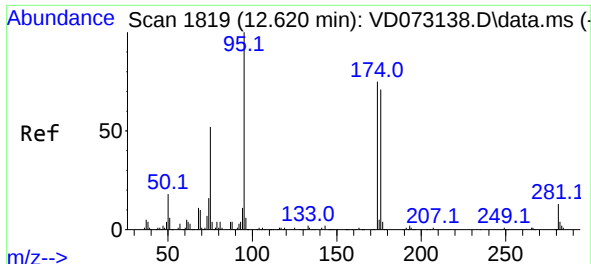
Tgt Ion:113 Resp: 187867
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 19.3 14.6 21.8



#50
Toluene-d8
Concen: 51.49 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

Tgt Ion: 98 Resp: 685352
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

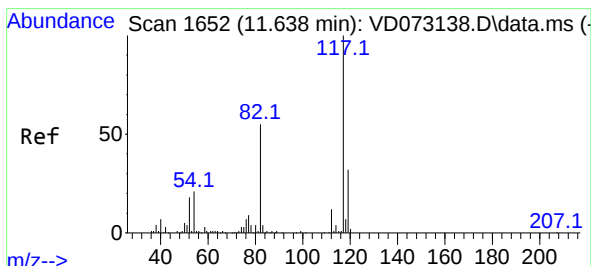
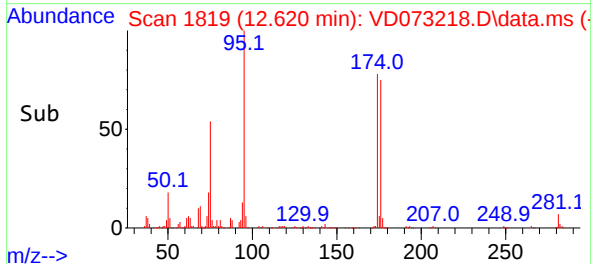
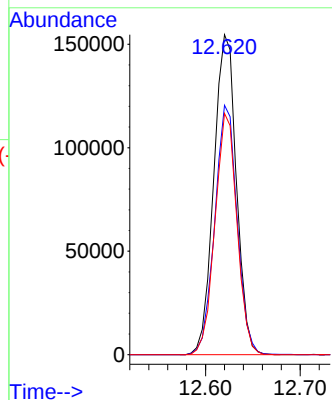
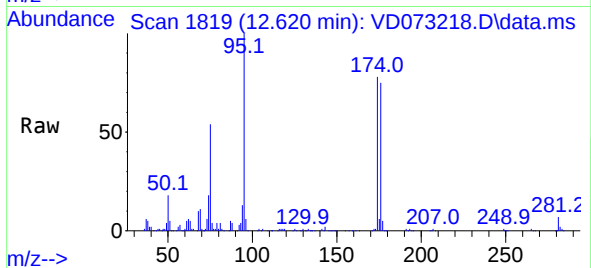




#62
4-Bromofluorobenzene
Concen: 54.83 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

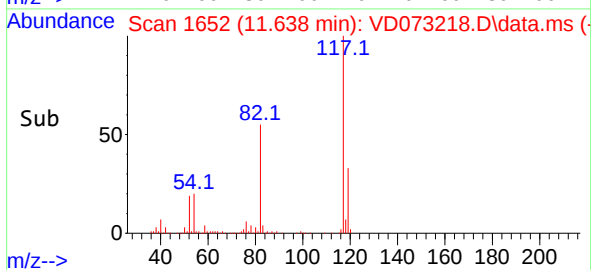
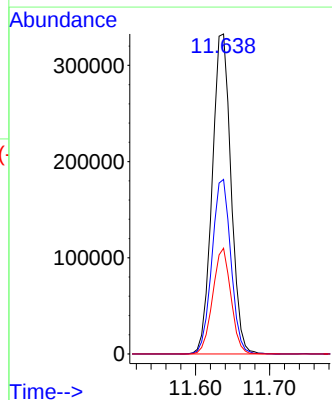
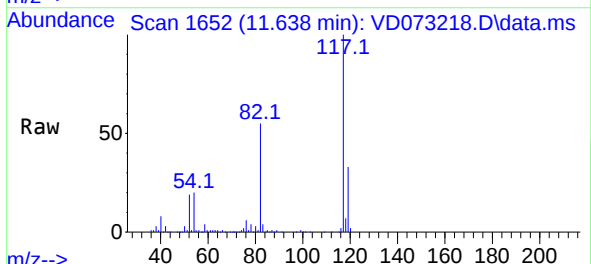
Instrument :
MSVOA_D
ClientSampleId :
P008-SS002-2430-01

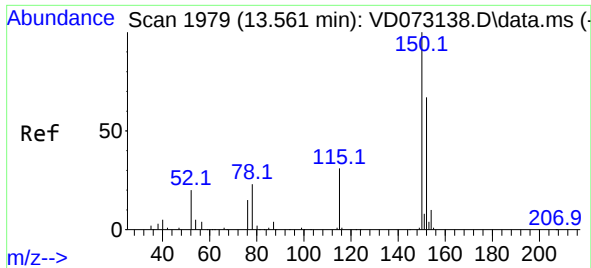
Tgt Ion:	95	Resp:	256094
Ion Ratio	Lower	Upper	
95	100		
174	77.3	0.0	152.8
176	73.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073218.D
Acq: 21 May 2022 09:13

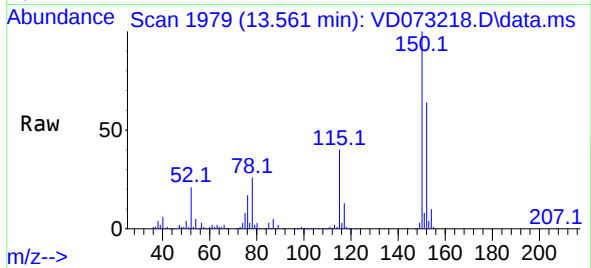
Tgt Ion:	117	Resp:	585902
Ion Ratio	Lower	Upper	
117	100		
82	54.6	45.3	67.9
119	33.0	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073218.D
 Acq: 21 May 2022 09:13

Instrument :
 MSVOA_D
 ClientSampleId :
 P008-SS002-2430-01



Tgt Ion:152 Resp: 266590
 Ion Ratio Lower Upper
 152 100
 115 60.4 31.3 93.8
 150 157.2 0.0 348.6

