

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073469.D
 Acq On : 02 Jun 2022 13:56
 Operator : VA/SY
 Sample : N3159-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-1-060122

Quant Time: Jun 03 01:29:28 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)

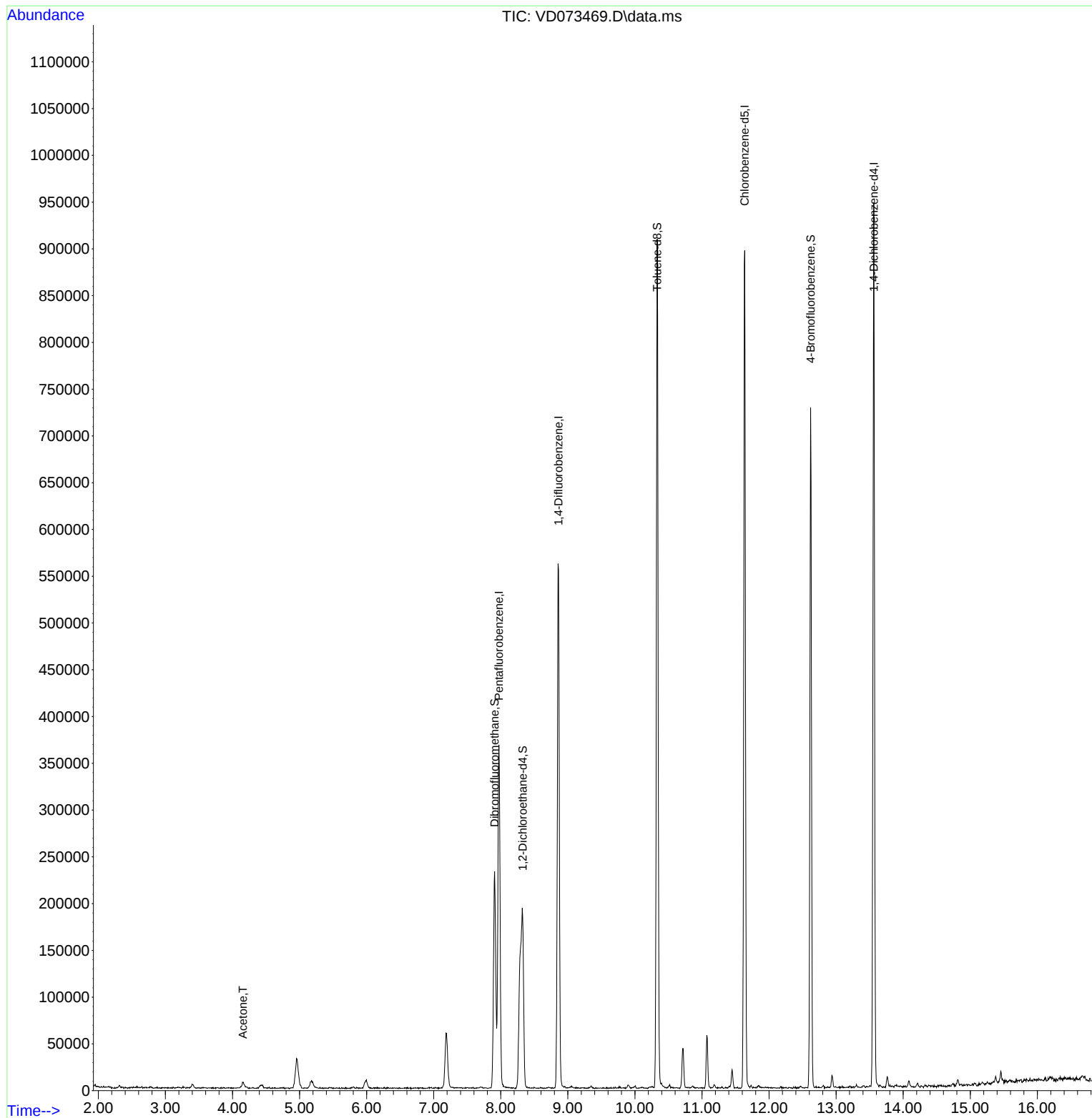
Internal Standards						
1) Pentafluorobenzene	7.973	168	270096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	493635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	537047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	247539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143997	48.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.908	113	167056	51.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.332	98	615028	51.221	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.620	95	232151	55.092	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.180%
Target Compounds						
16) Acetone	4.156	43	10404	20.123	ug/l	Qvalue 91

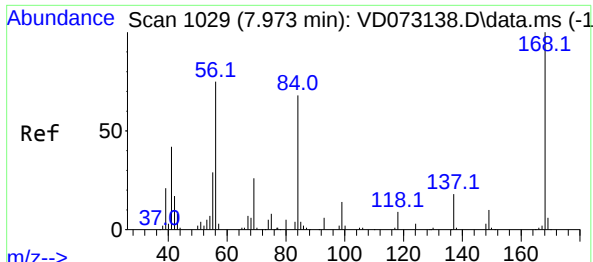
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073469.D

Acq: 02 Jun 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

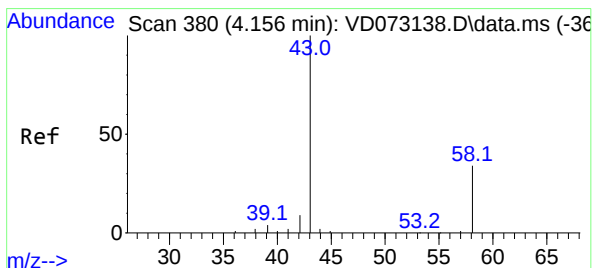
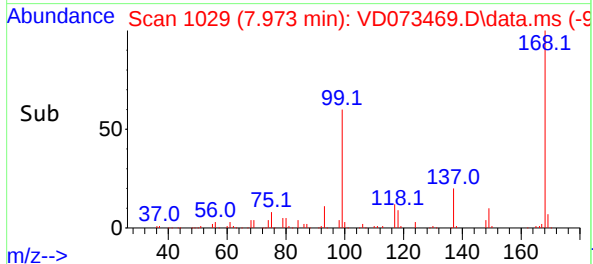
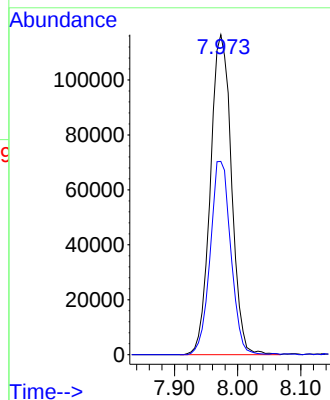
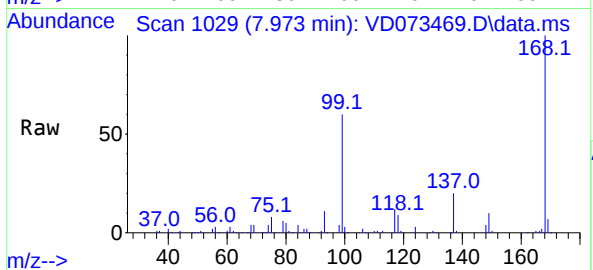
PT-1-060122

Tgt Ion:168 Resp: 270096

Ion Ratio Lower Upper

168 100

99 60.4 49.8 74.6



#16

Acetone

Concen: 20.123 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD073469.D

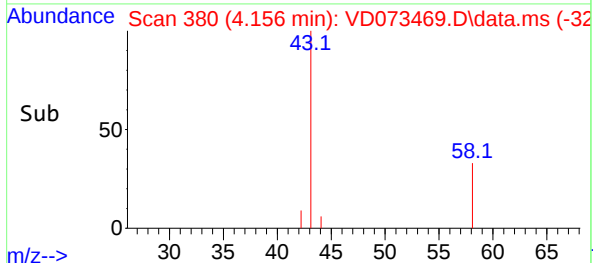
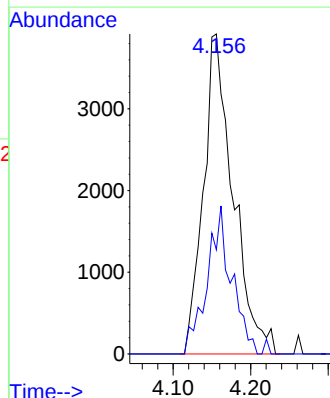
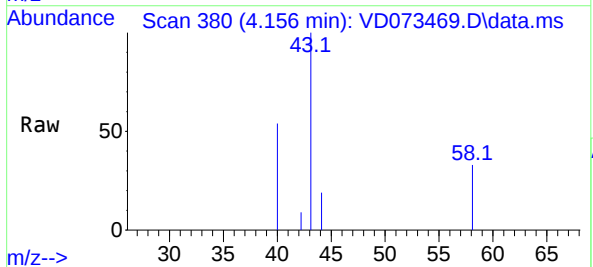
Acq: 02 Jun 2022 13:56

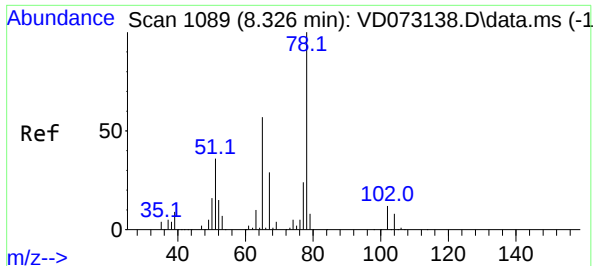
Tgt Ion: 43 Resp: 10404

Ion Ratio Lower Upper

43 100

58 32.5 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 48.241 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD073469.D

Acq: 02 Jun 2022 13:56

Instrument :

MSVOA_D

ClientSampleId :

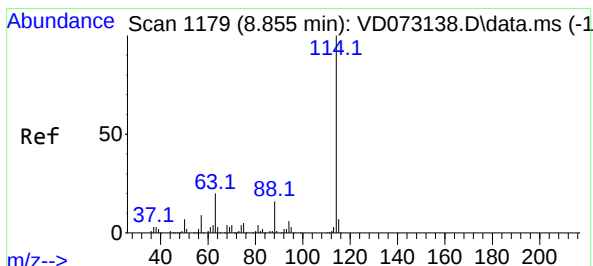
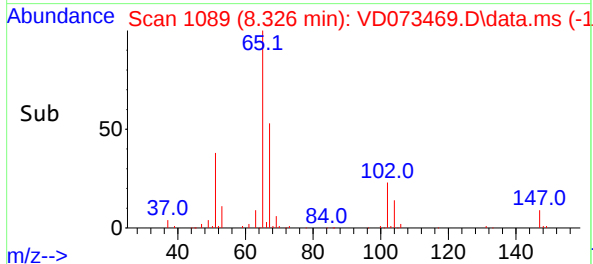
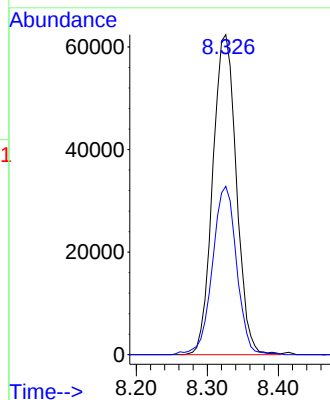
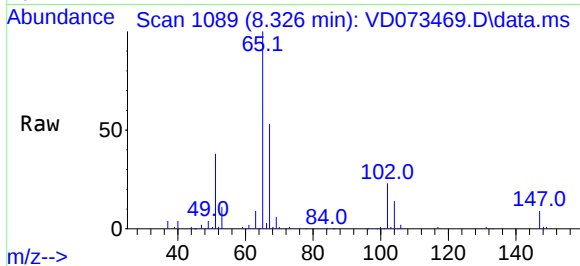
PT-1-060122

Tgt Ion: 65 Resp: 143997

Ion Ratio Lower Upper

65 100

67 53.8 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: VD073469.D

Acq: 02 Jun 2022 13:56

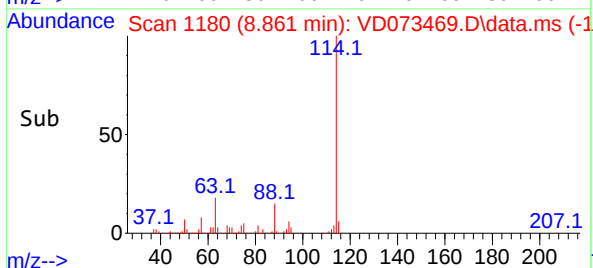
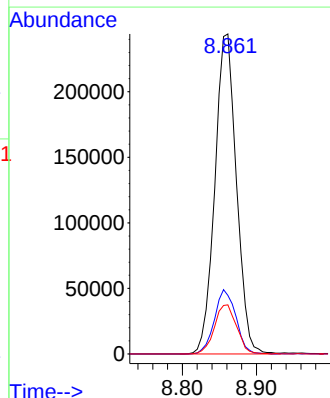
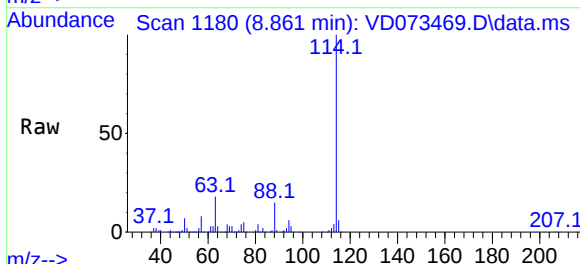
Tgt Ion: 114 Resp: 493635

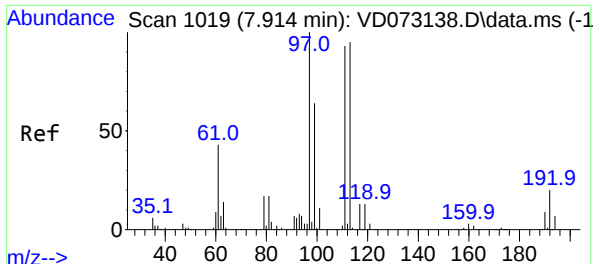
Ion Ratio Lower Upper

114 100

63 18.3 0.0 46.6

88 15.3 0.0 33.2

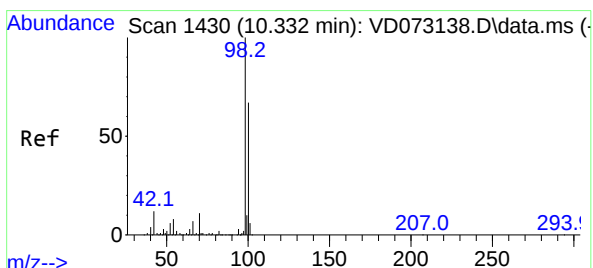
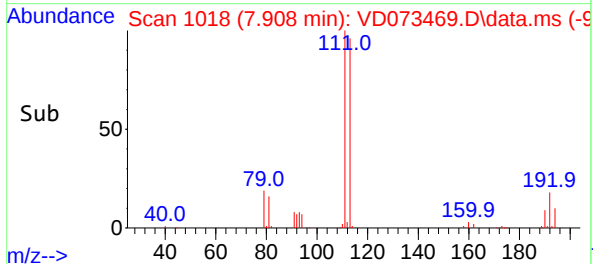
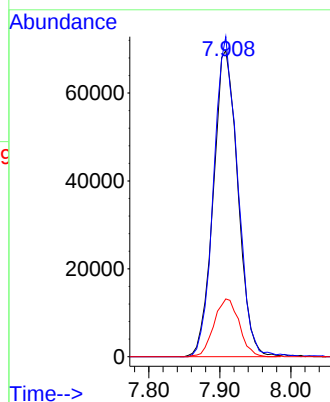
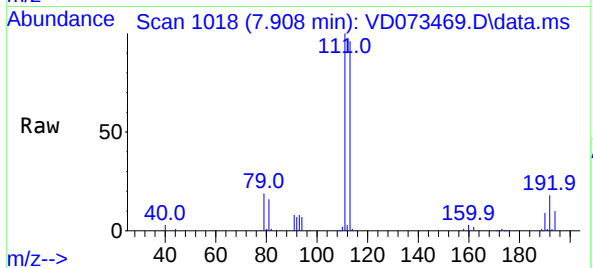




#35
Dibromofluoromethane
Concen: 51.286 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

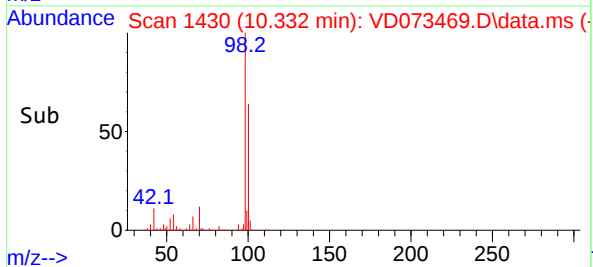
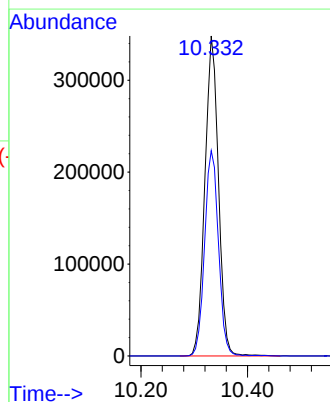
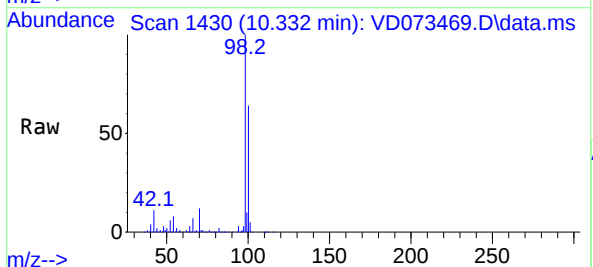
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

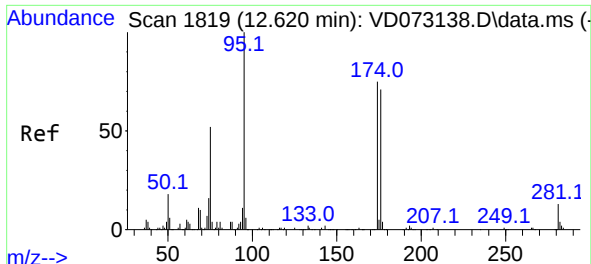
Tgt Ion:113 Resp: 167056
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 19.3 14.6 21.8



#50
Toluene-d8
Concen: 51.221 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

Tgt Ion: 98 Resp: 615028
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

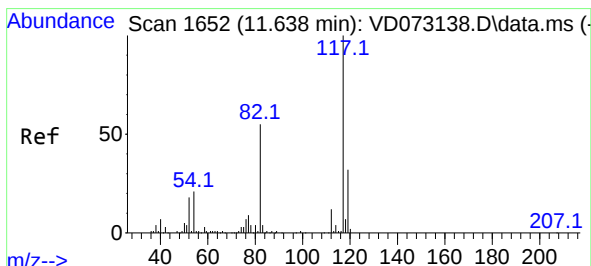
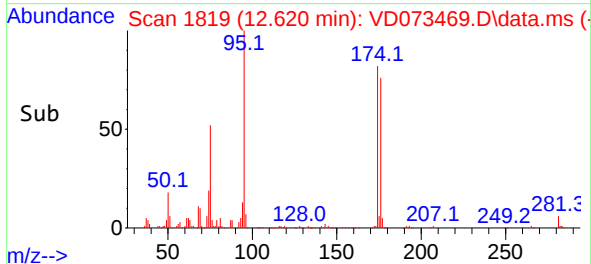
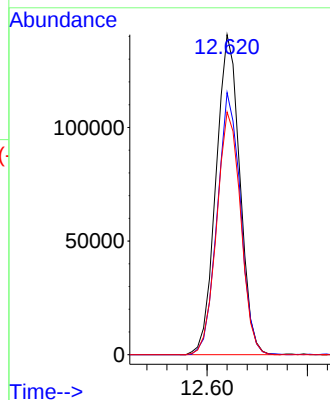
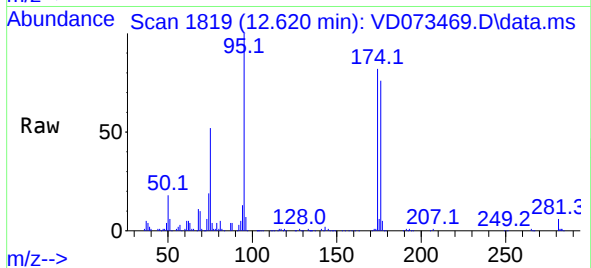




#62
4-Bromofluorobenzene
Concen: 55.092 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

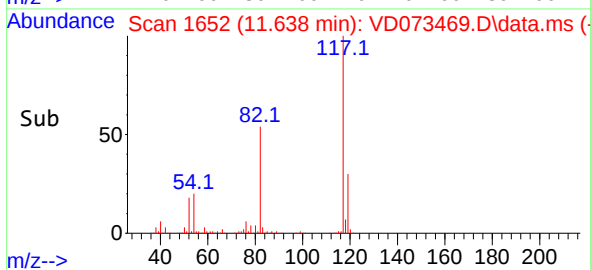
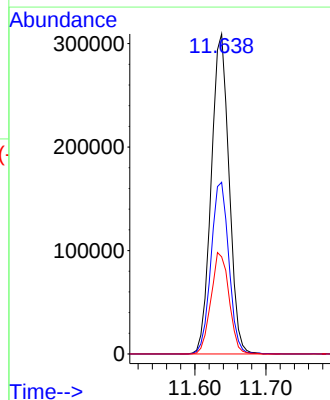
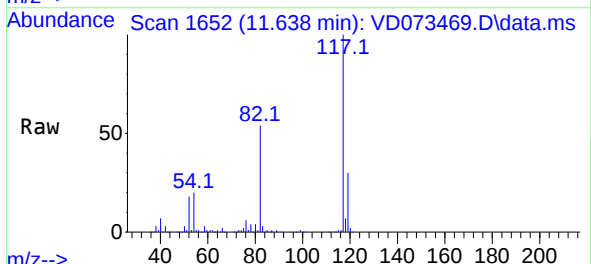
Instrument :
MSVOA_D
ClientSampleId :
PT-1-060122

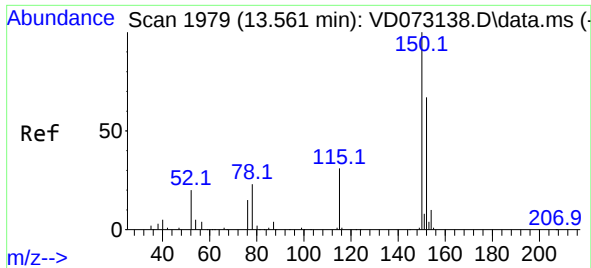
Tgt Ion: 95 Resp: 232151
Ion Ratio Lower Upper
95 100
174 79.9 0.0 152.8
176 76.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073469.D
Acq: 02 Jun 2022 13:56

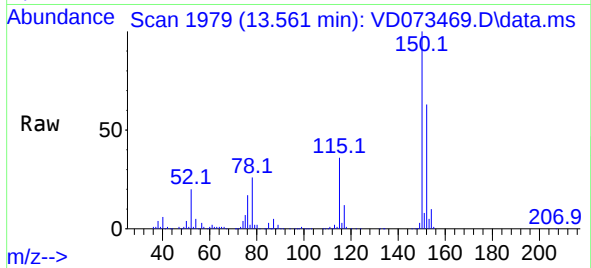
Tgt Ion: 117 Resp: 537047
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 30.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073469.D
 Acq: 02 Jun 2022 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 PT-1-060122



Tgt Ion:152 Resp: 247539

Ion	Ratio	Lower	Upper
152	100		
115	59.0	31.3	93.8
150	158.5	0.0	348.6

