

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040122\
 Data File : VD072506.D
 Acq On : 01 Apr 2022 16:50
 Operator : VA/SY
 Sample : N2217-02
 Misc : 6.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1S

Quant Time: Apr 02 02:38:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

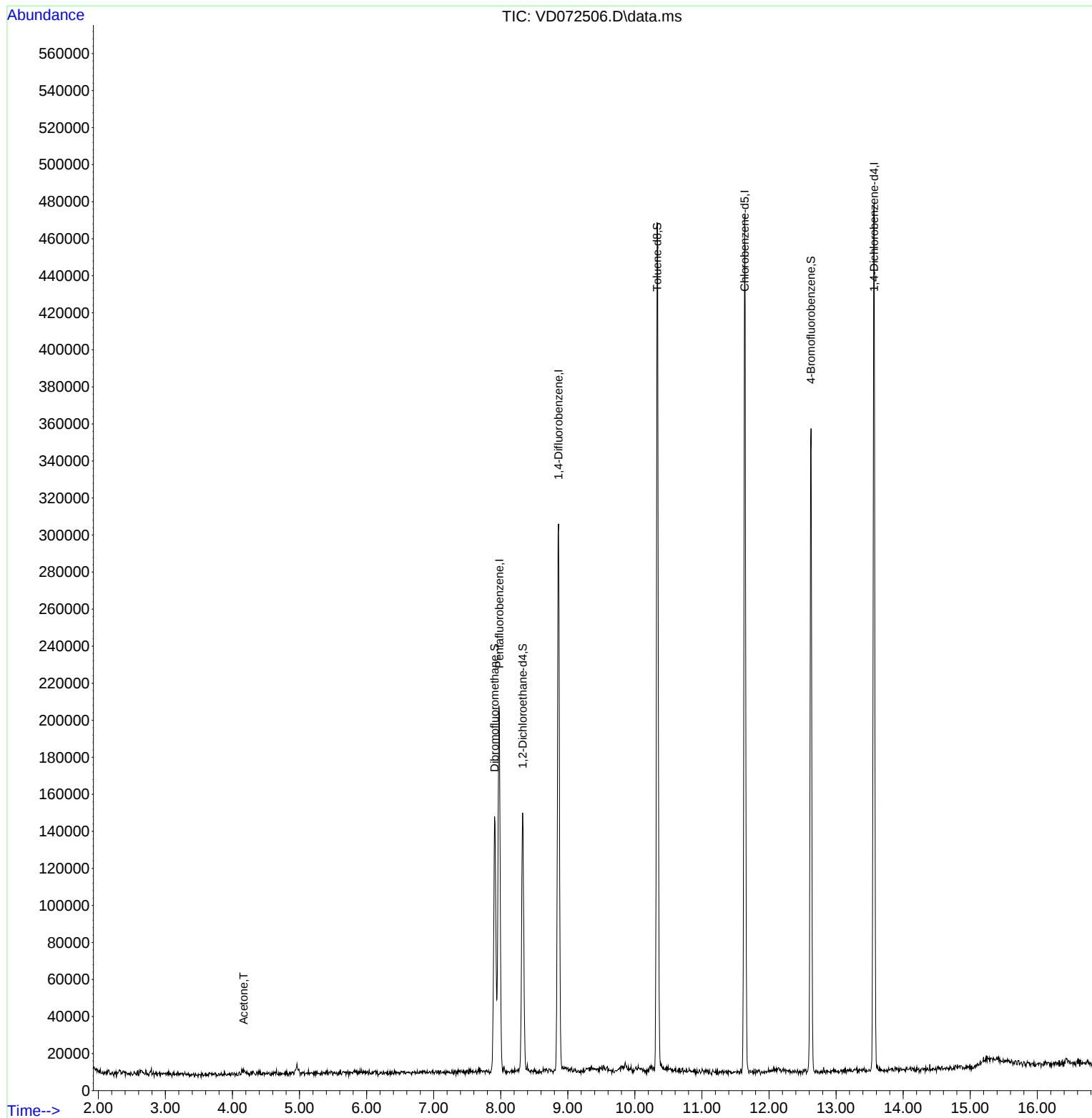
Internal Standards						
1) Pentafluorobenzene	7.979	168	143175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	256029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	273431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	128023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	111578	64.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.840%
35) Dibromofluoromethane	7.909	113	97981	49.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.332	98	318344	46.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.060%
62) 4-Bromofluorobenzene	12.626	95	118726	43.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.900%
Target Compounds						
					Qvalue	
16) Acetone	4.168	43	4023	12.457	ug/l #	81

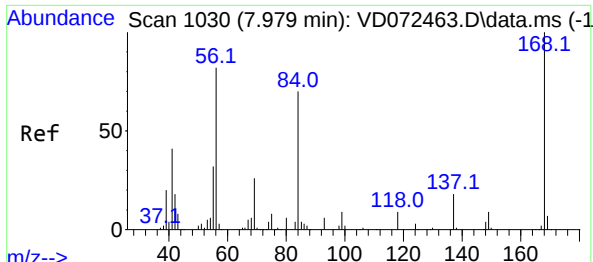
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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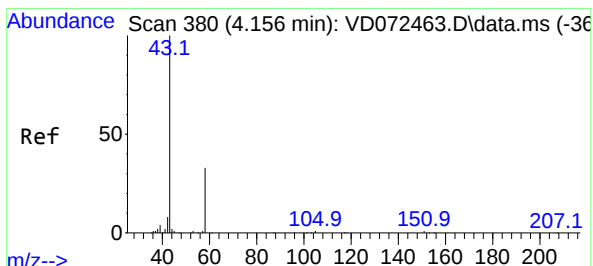
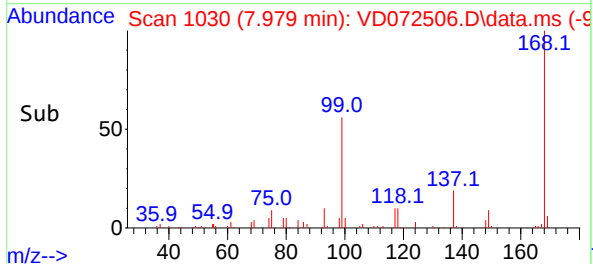
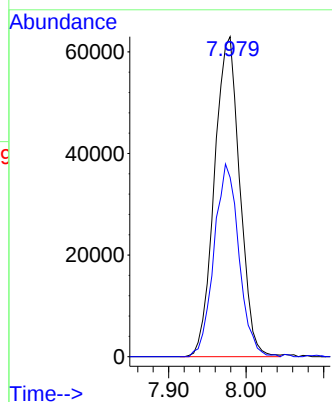
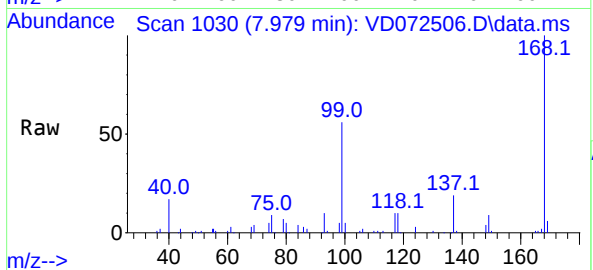




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

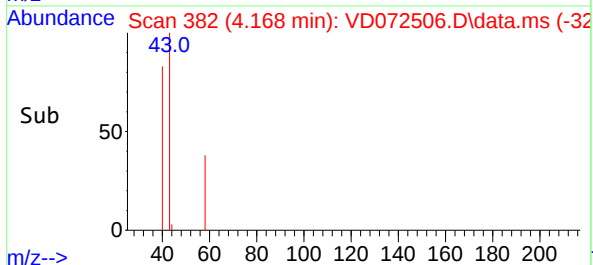
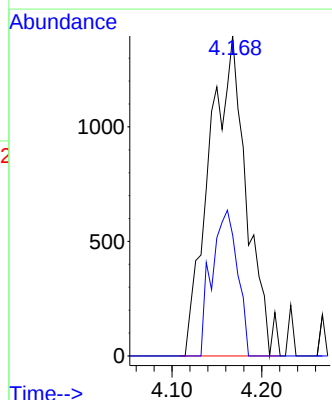
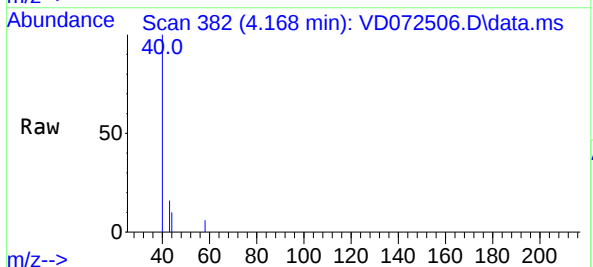
Instrument :
MSVOA_D
ClientSampleId :
SB-1S

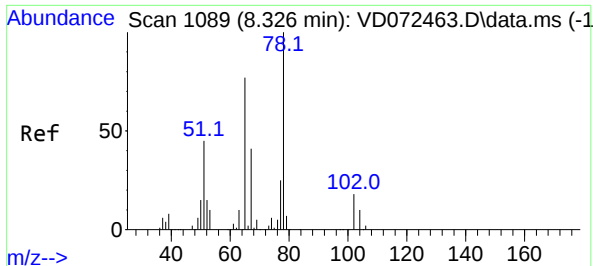
Tgt Ion:168 Resp: 143175
Ion Ratio Lower Upper
168 100
99 56.0 49.8 74.6



#16
Acetone
Concen: 12.457 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

Tgt Ion: 43 Resp: 4023
Ion Ratio Lower Upper
43 100
58 37.7 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 64.422 ug/l

RT: 8.326 min Scan# 111578

Delta R.T. 0.000 min

Lab File: VD072506.D

Acq: 01 Apr 2022 16:50

Instrument :

MSVOA_D

ClientSampleId :

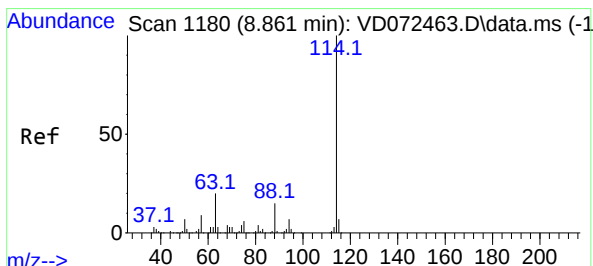
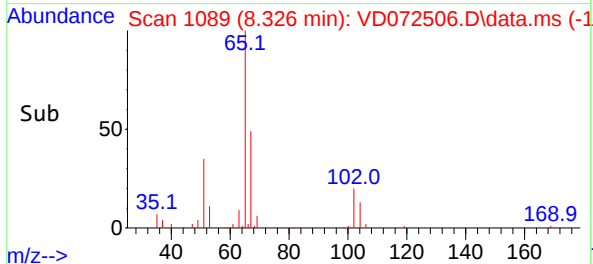
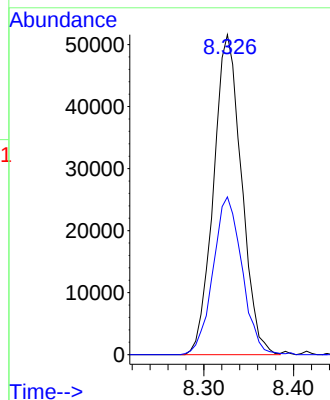
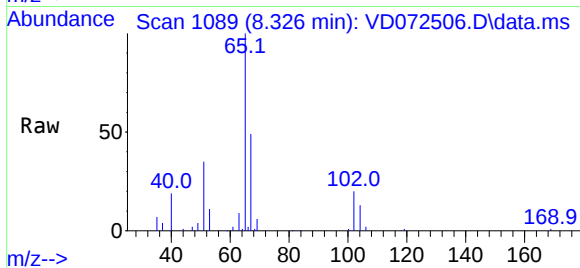
SB-1S

Tgt Ion: 65 Resp: 111578

Ion Ratio Lower Upper

65 100

67 51.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072506.D

Acq: 01 Apr 2022 16:50

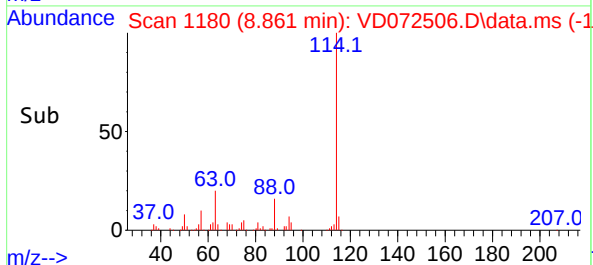
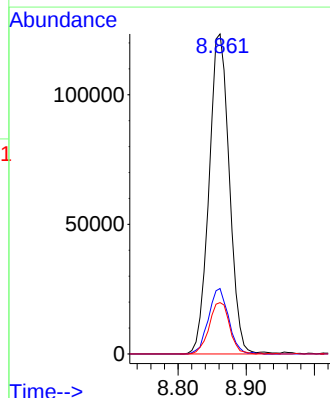
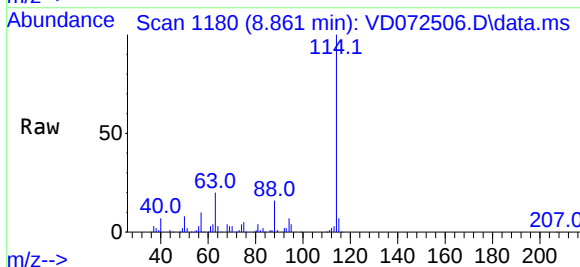
Tgt Ion: 114 Resp: 256029

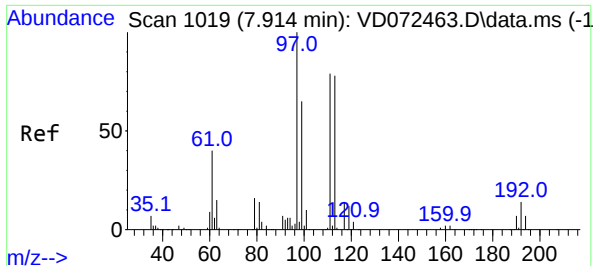
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 16.0 0.0 33.2

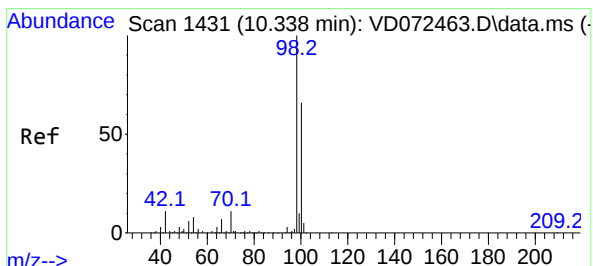
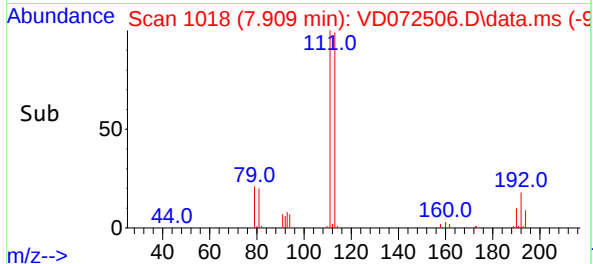
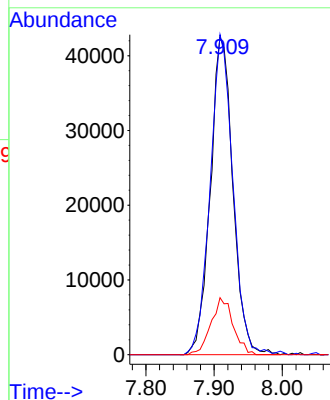
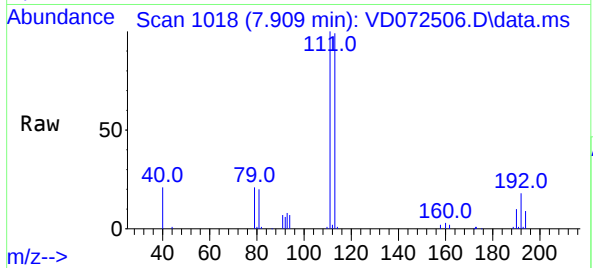




#35
Dibromofluoromethane
Concen: 49.244 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

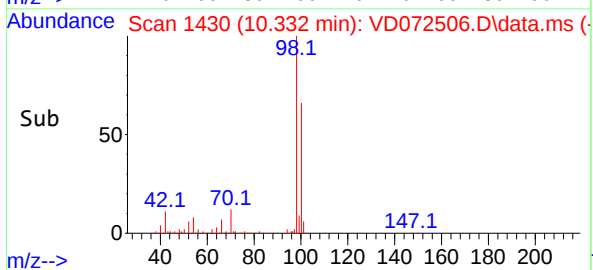
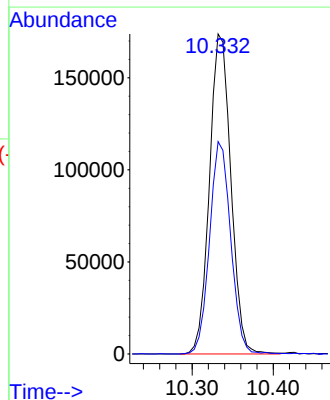
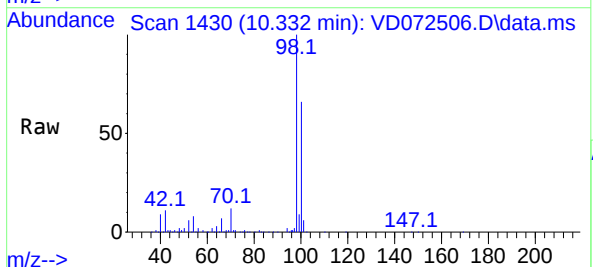
Instrument :
MSVOA_D
ClientSampleId :
SB-1S

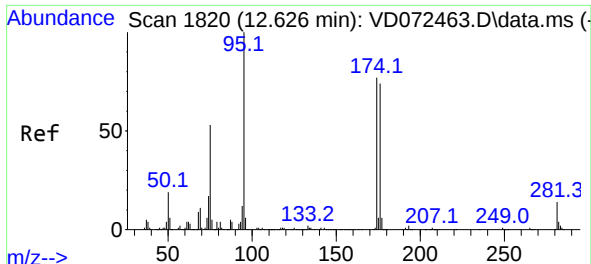
Tgt Ion:113 Resp: 97981
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 46.028 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

Tgt Ion: 98 Resp: 318344
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

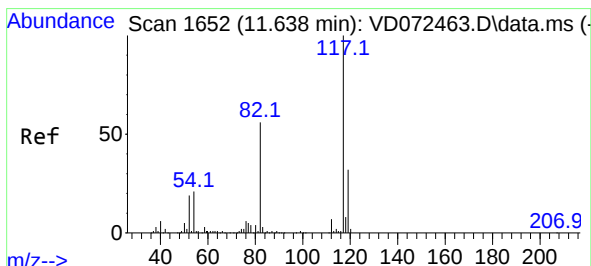
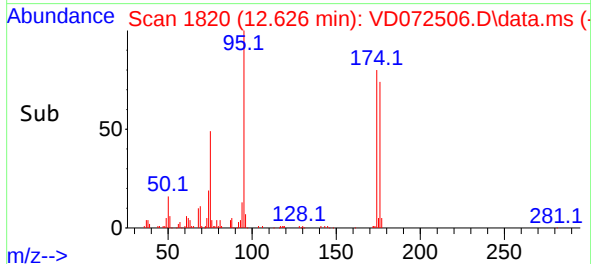
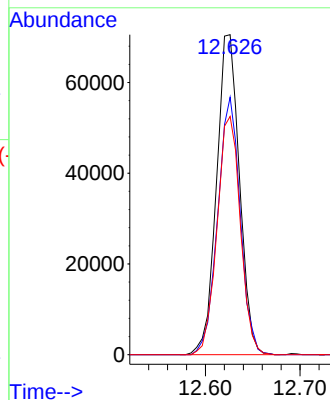
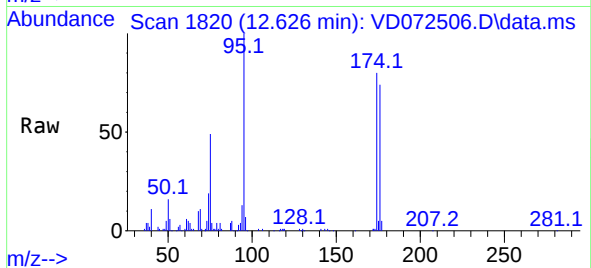




#62
4-Bromofluorobenzene
Concen: 43.954 ug/l
RT: 12.626 min Scan# 118726
Delta R.T. 0.000 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

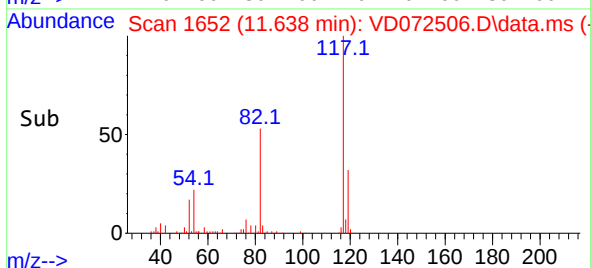
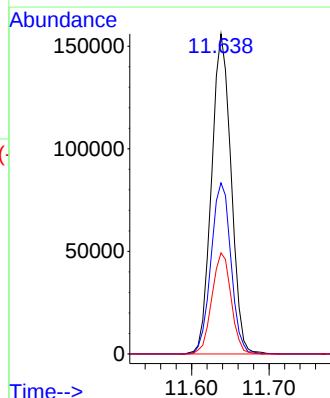
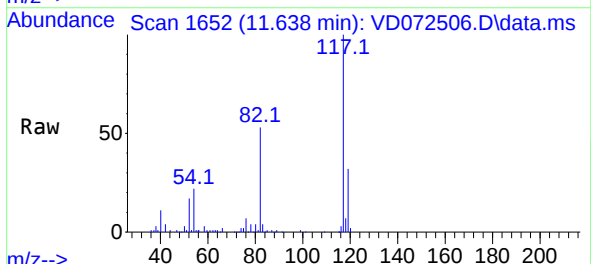
Instrument :
MSVOA_D
ClientSampleId :
SB-1S

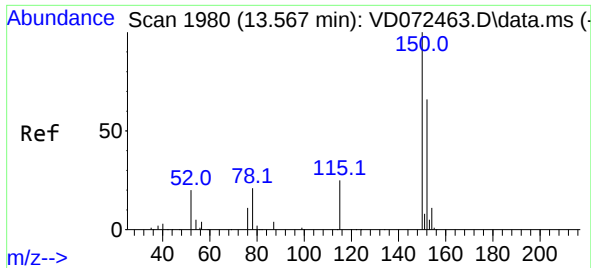
Tgt Ion:	95	Resp:	118726
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	152.8
176	75.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072506.D
Acq: 01 Apr 2022 16:50

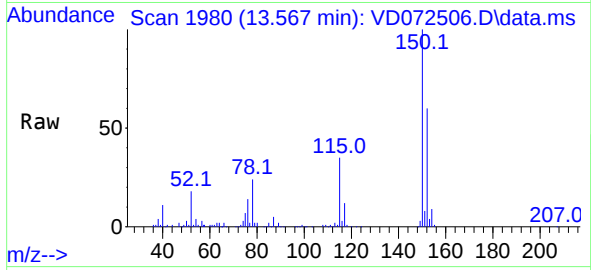
Tgt Ion:	117	Resp:	273431
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	31.6	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD072506.D
 Acq: 01 Apr 2022 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1S



Tgt Ion:152 Resp: 128023

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	160.1	0.0	348.6

