

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072276.D
 Acq On : 18 Mar 2022 07:40
 Operator : VA/SY
 Sample : N1994-07
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0

Quant Time: Mar 18 08:36:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

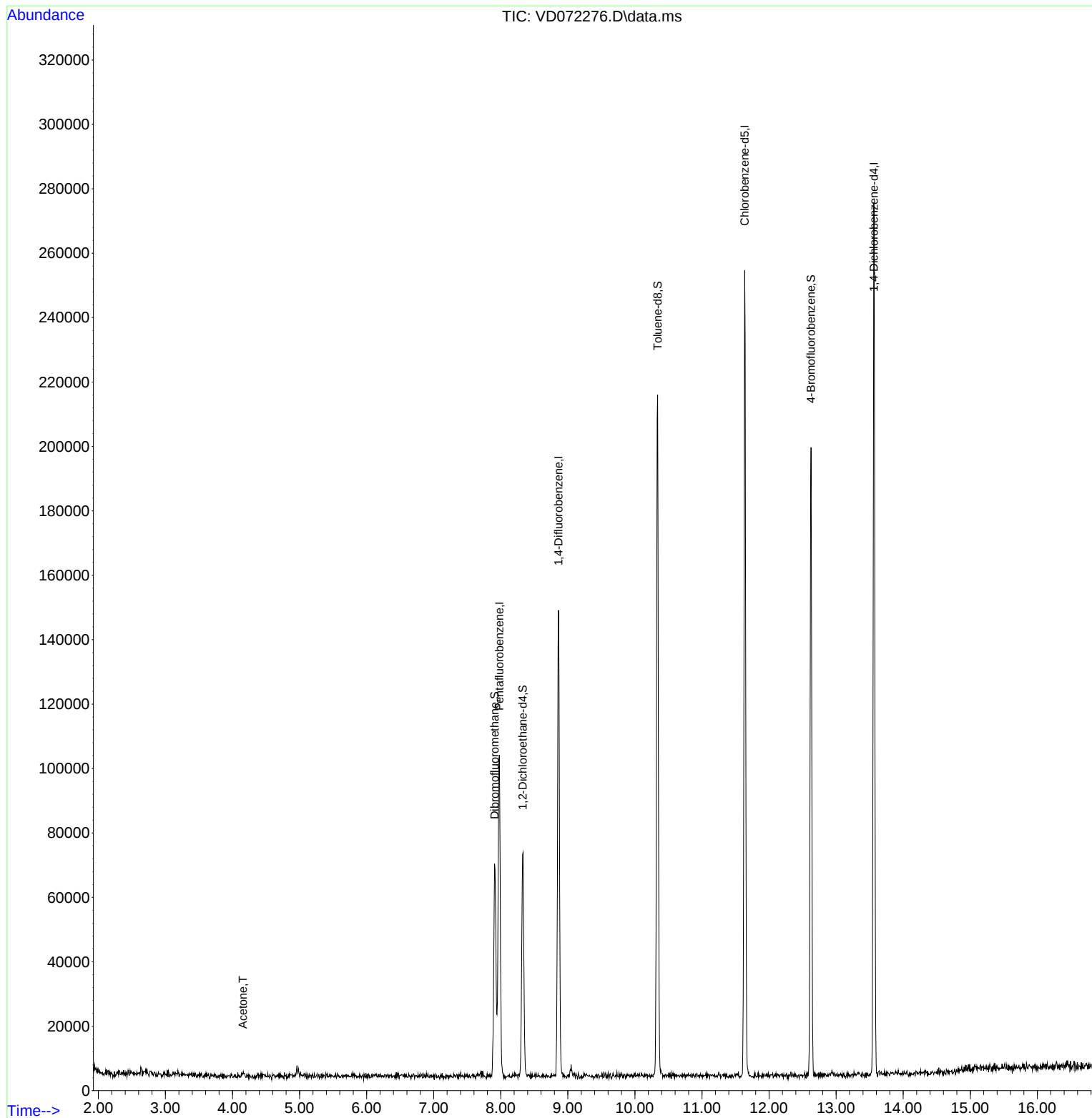
Internal Standards						
1) Pentafluorobenzene	7.979	168	72224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	117941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	140362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	69721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	55318	68.727	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.460%
35) Dibromofluoromethane	7.908	113	48248	58.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.260%
50) Toluene-d8	10.338	98	147324	48.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.626	95	65447	55.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.000%
Target Compounds						
16) Acetone	4.156	43	2255	12.903	ug/l	Qvalue # 82

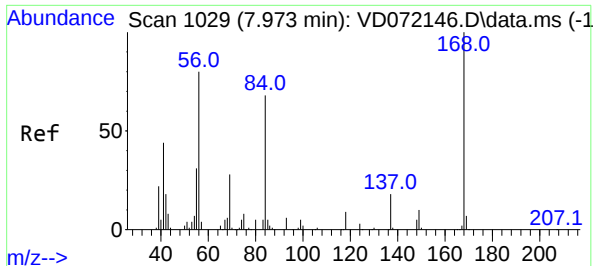
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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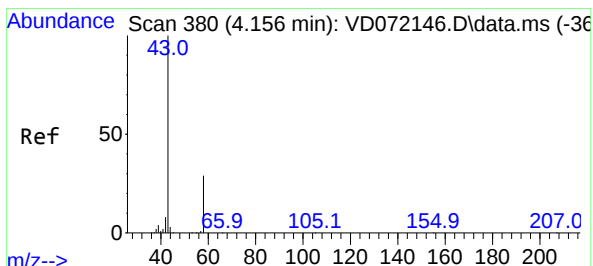
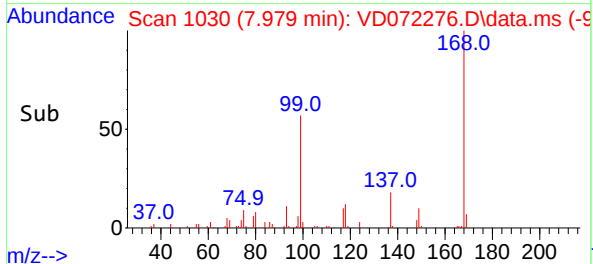
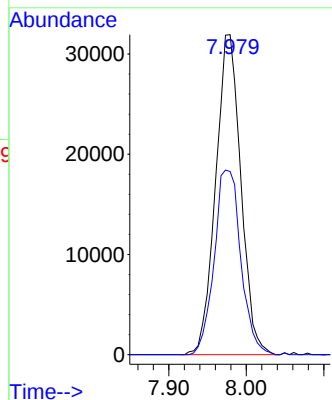
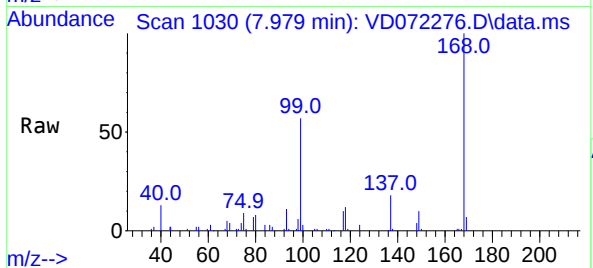




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

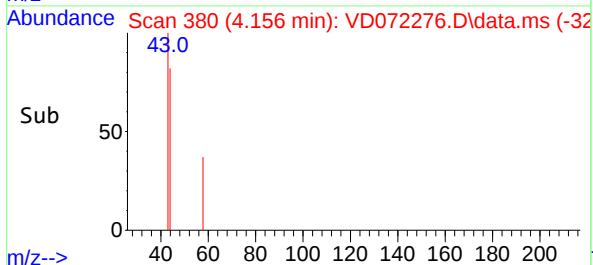
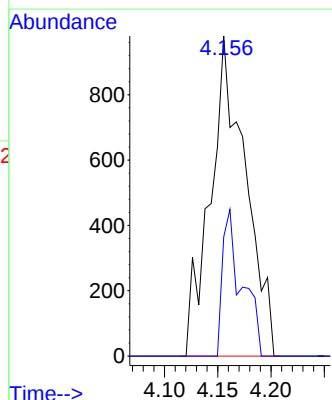
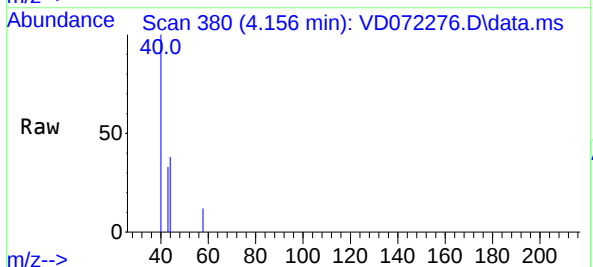
Instrument :
MSVOA_D
ClientSampleId :
SB-03-4.5-5.0

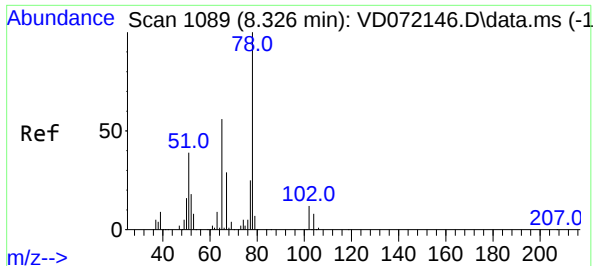
Tgt Ion:168 Resp: 72224
Ion Ratio Lower Upper
168 100
99 57.2 49.8 74.6



#16
Acetone
Concen: 12.903 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 37.2 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 68.727 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072276.D

Acq: 18 Mar 2022 07:40

Instrument :

MSVOA_D

ClientSampleId :

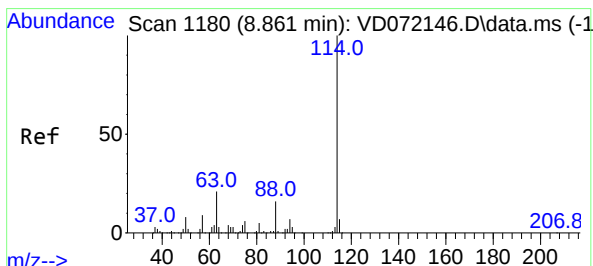
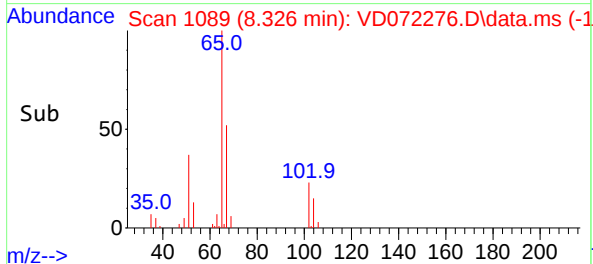
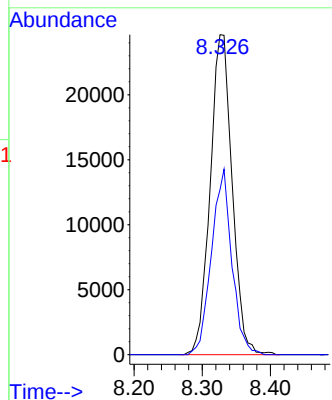
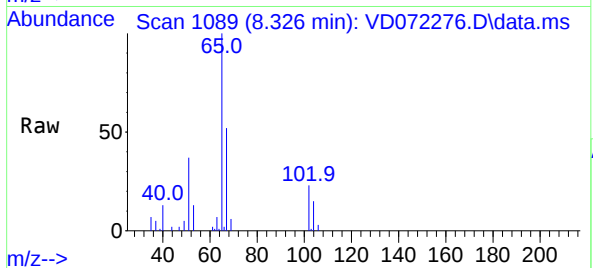
SB-03-4.5-5.0

Tgt Ion: 65 Resp: 55318

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. -0.000 min

Lab File: VD072276.D

Acq: 18 Mar 2022 07:40

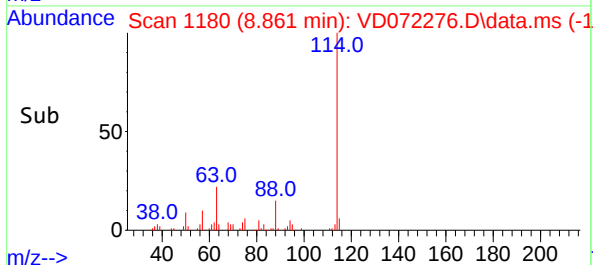
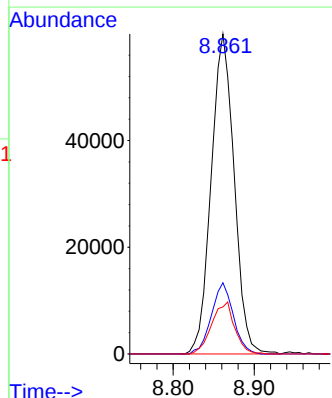
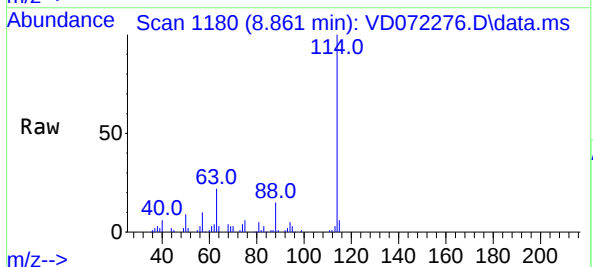
Tgt Ion: 114 Resp: 117941

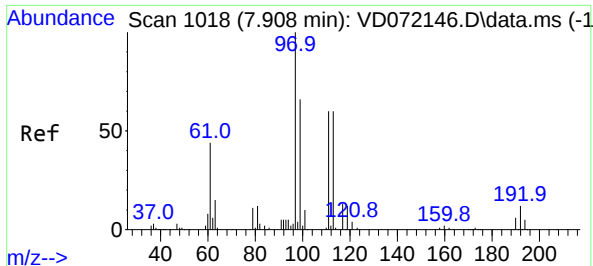
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 14.7 0.0 33.2

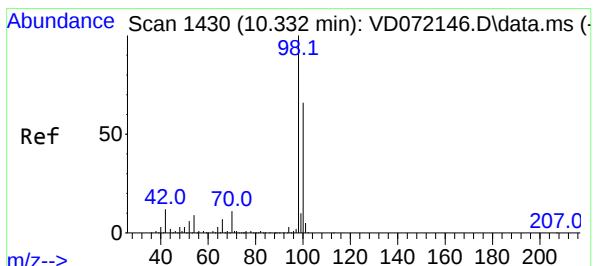
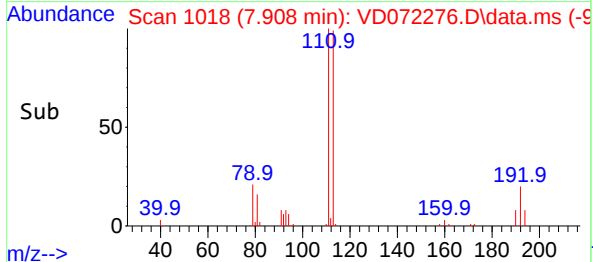
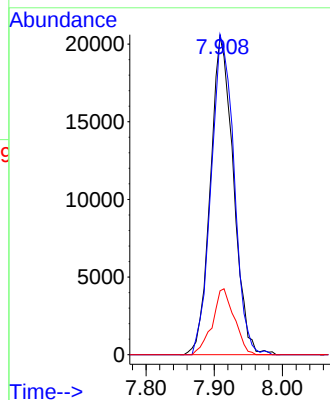
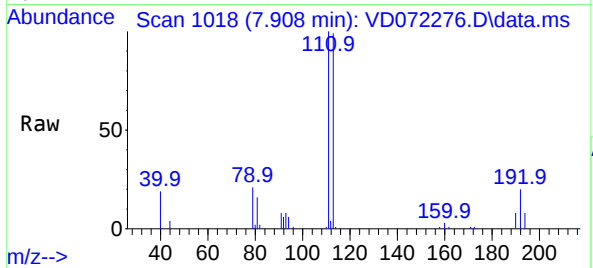




#35
Dibromofluoromethane
Concen: 58.133 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

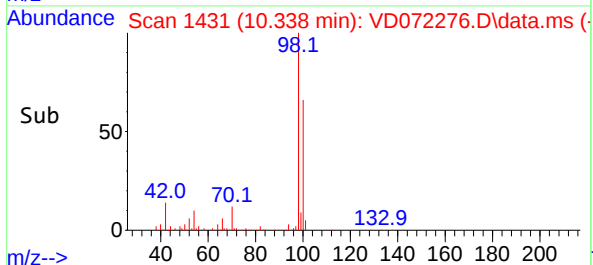
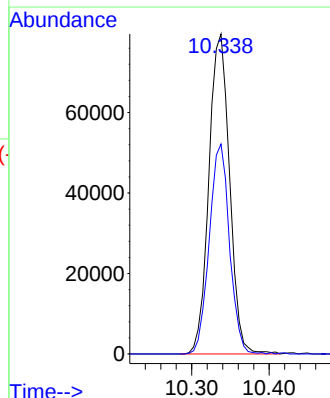
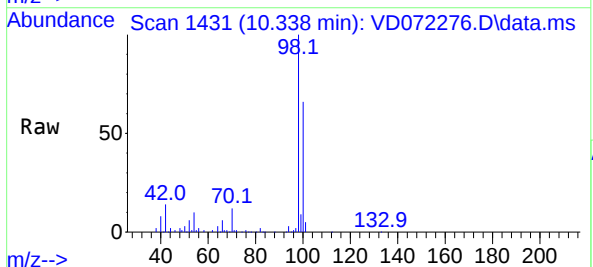
Instrument :
MSVOA_D
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SB-03-4.5-5.0

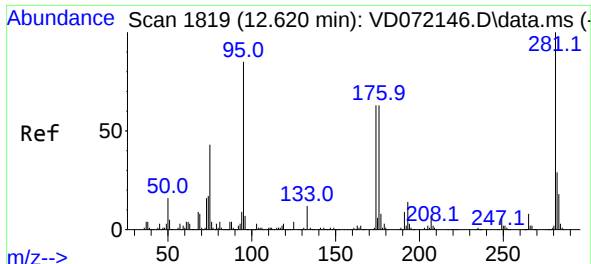
Tgt Ion:113 Resp: 48248
Ion Ratio Lower Upper
113 100
111 99.9 83.8 125.6
192 19.7 14.6 21.8



#50
Toluene-d8
Concen: 48.546 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

Tgt Ion: 98 Resp: 147324
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6

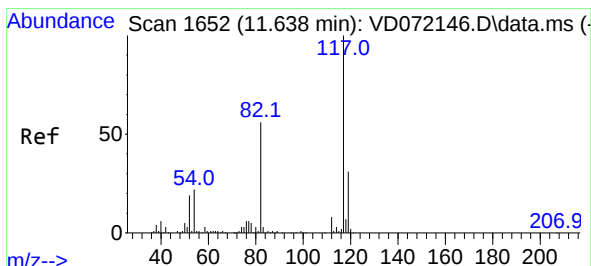
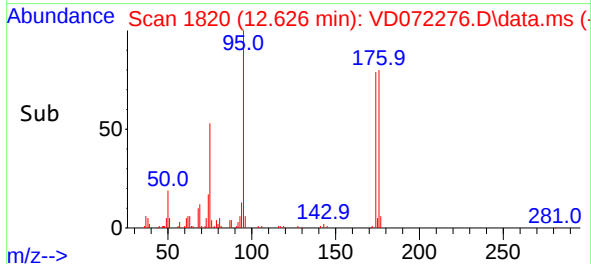
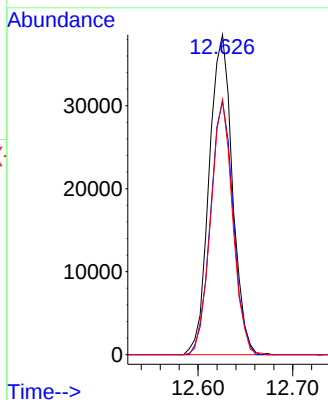
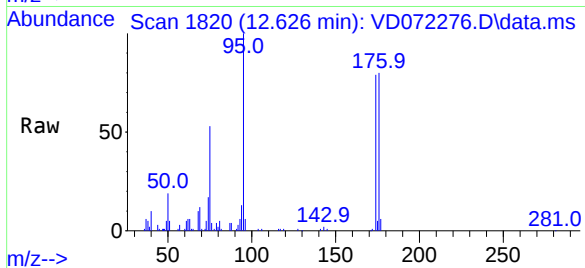




#62
4-Bromofluorobenzene
Concen: 55.503 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

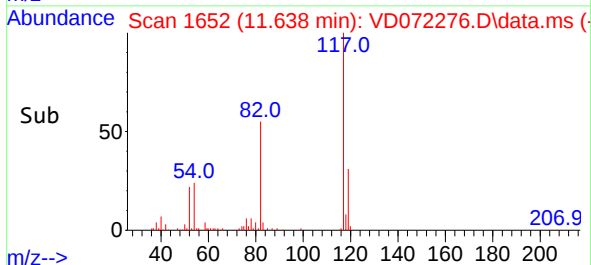
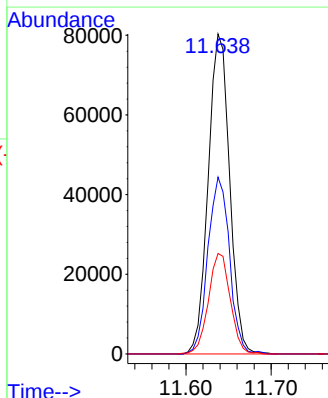
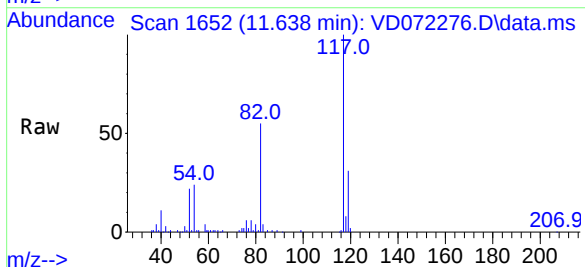
Instrument :
MSVOA_D
ClientSampleId :
SB-03-4.5-5.0

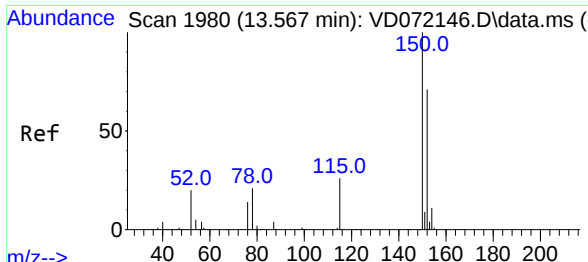
Tgt Ion:	95	Resp:	65447
Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	152.8
176	75.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072276.D
Acq: 18 Mar 2022 07:40

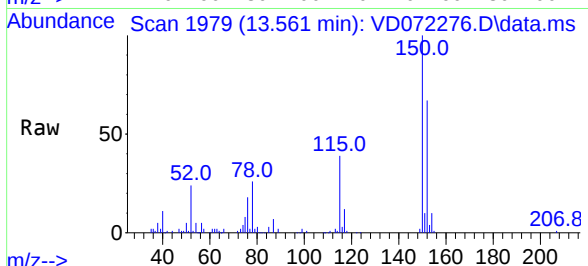
Tgt Ion:	117	Resp:	140362
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	31.4	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072276.D
 Acq: 18 Mar 2022 07:40

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0



Tgt Ion:152 Resp: 69721

Ion	Ratio	Lower	Upper
152	100		
115	61.8	31.3	93.8
150	162.0	0.0	348.6

