

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072326.D
 Acq On : 19 Mar 2022 09:20
 Operator : VA/SY
 Sample : N1972-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-5-6-12-13

Quant Time: Mar 21 01:29:25 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)

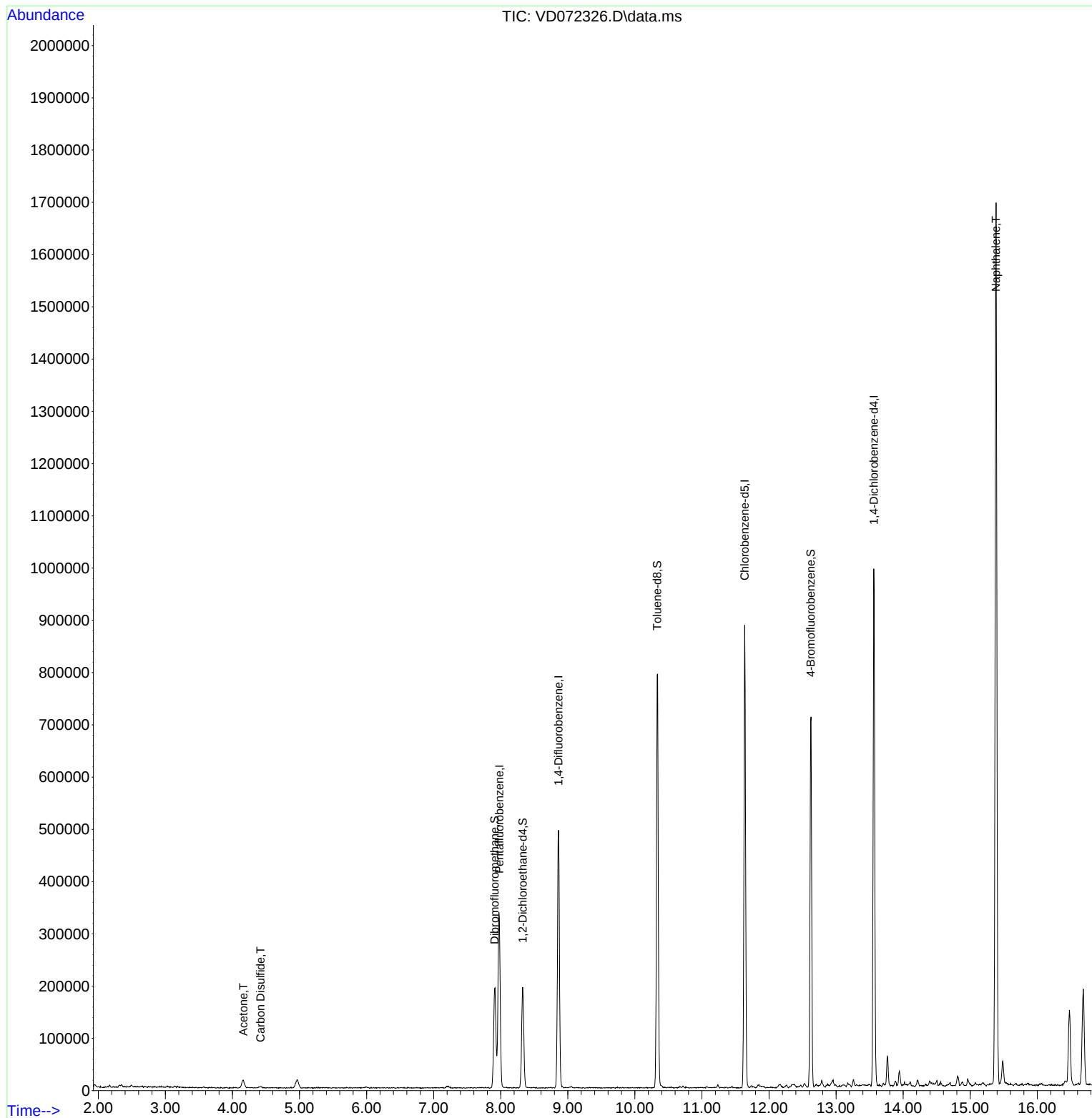
Internal Standards						
1) Pentafluorobenzene	7.979	168	247876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	415265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153707	55.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.909	113	143566	49.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.332	98	536004	50.163	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.620	95	242817	58.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.960%
Target Compounds						
16) Acetone	4.162	43	28680	47.817	ug/l	92
17) Carbon Disulfide	4.421	76	4679	2.355	ug/l #	74
95) Naphthalene	15.385	128	1432452	148.384	ug/l	99

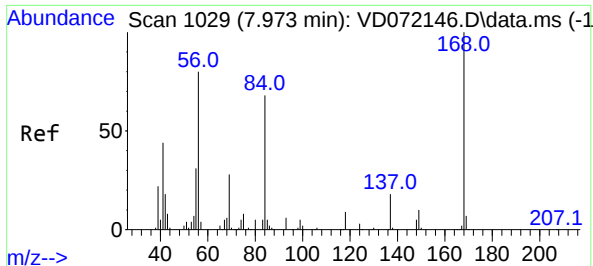
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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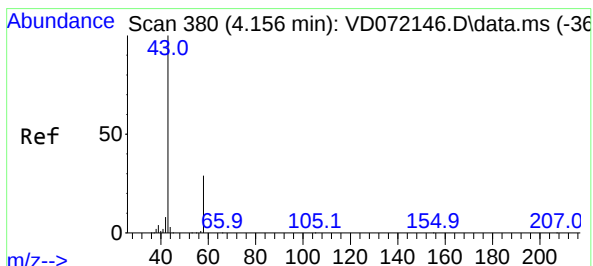
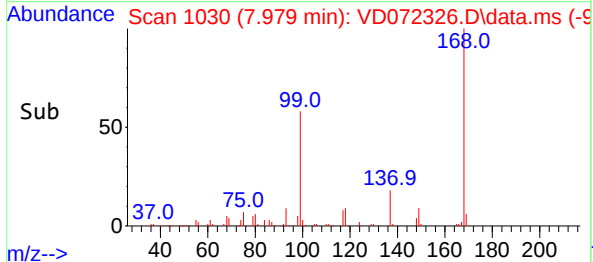
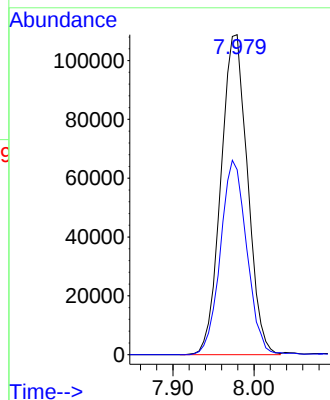
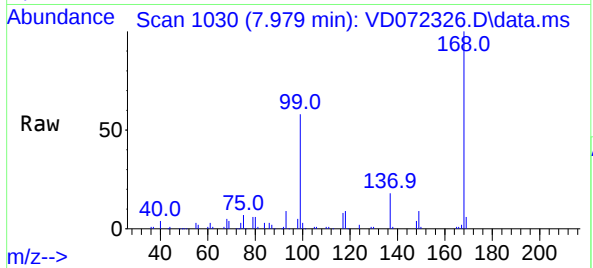




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

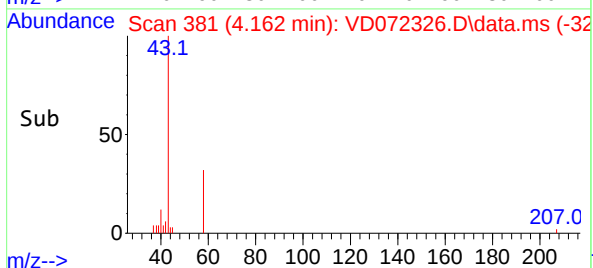
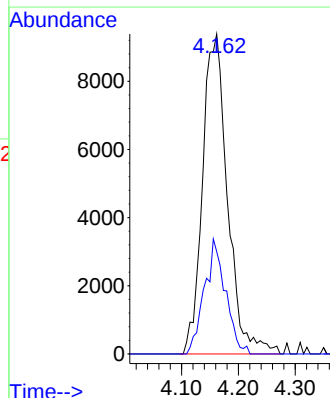
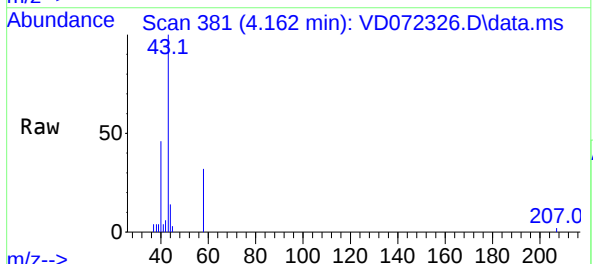
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

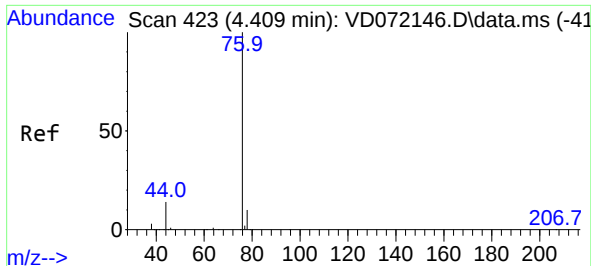
Tgt Ion:168 Resp: 247876
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#16
Acetone
Concen: 47.817 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 43 Resp: 28680
Ion Ratio Lower Upper
43 100
58 32.0 22.1 33.1

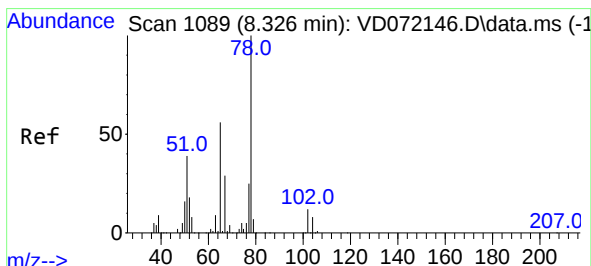
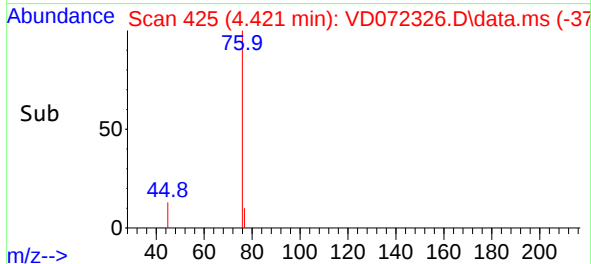
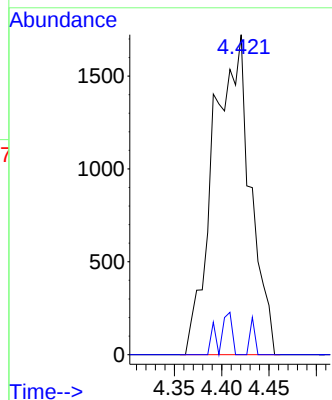
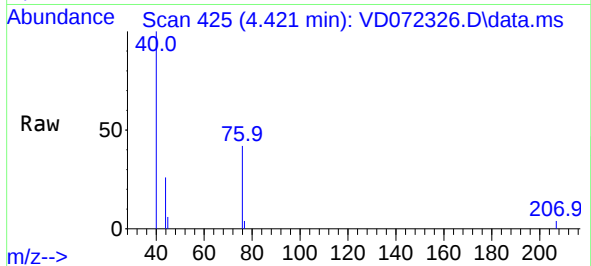




#17
Carbon Disulfide
Concen: 2.355 ug/l
RT: 4.421 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

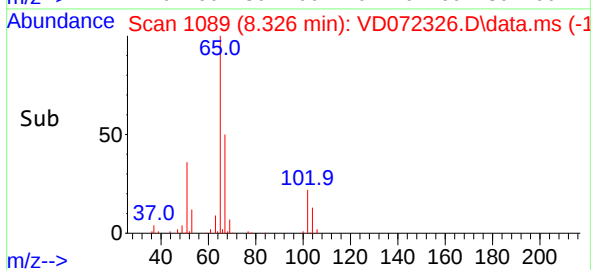
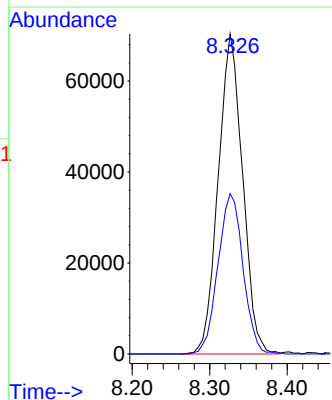
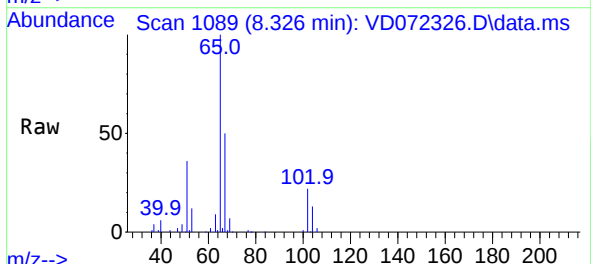
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

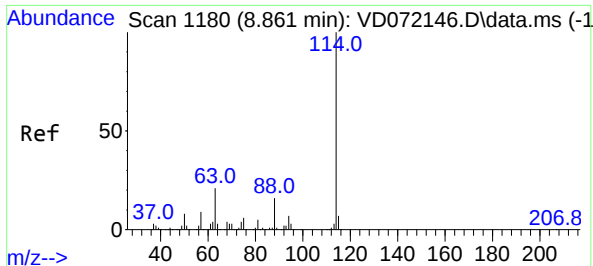
Tgt Ion: 76 Resp: 4679
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 55.642 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 65 Resp: 153707
Ion Ratio Lower Upper
65 100
67 51.5 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: VD072326.D

Acq: 19 Mar 2022 09:20

Instrument :

MSVOA_D

ClientSampleId :

G-5-6-12-13

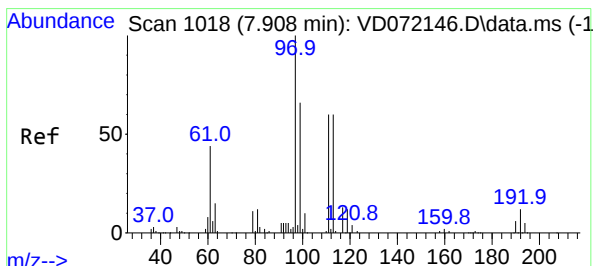
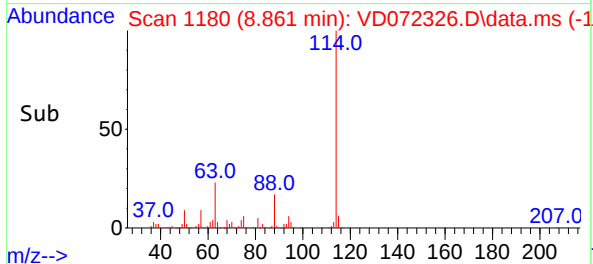
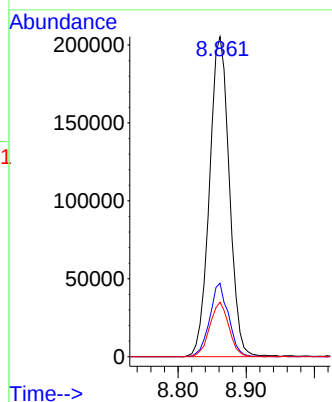
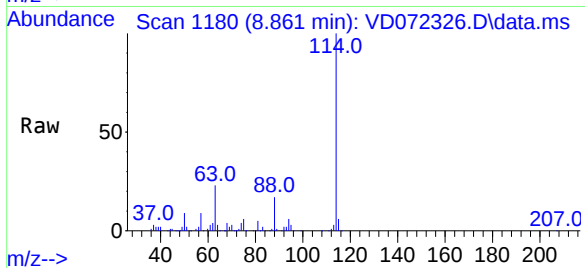
Tgt Ion:114 Resp: 415265

Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 17.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.129 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072326.D

Acq: 19 Mar 2022 09:20

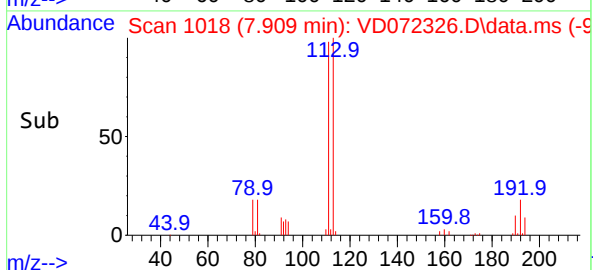
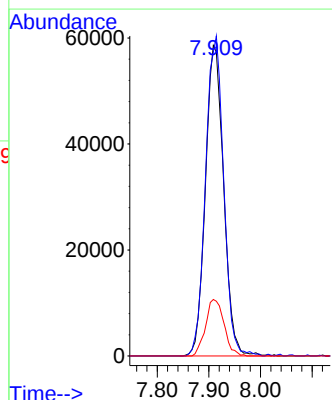
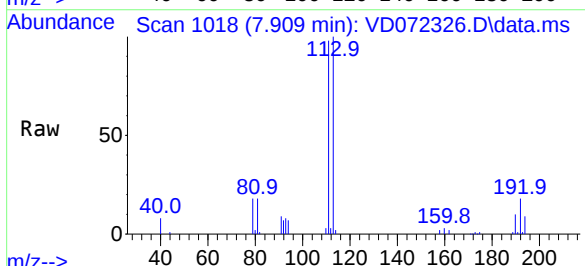
Tgt Ion:113 Resp: 143566

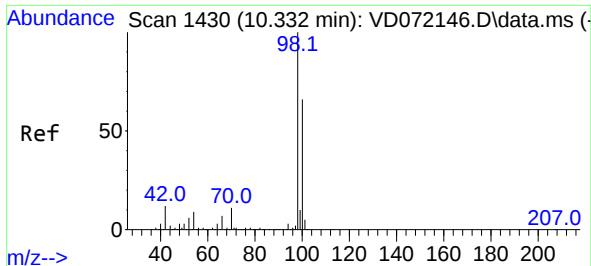
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.5 14.6 21.8

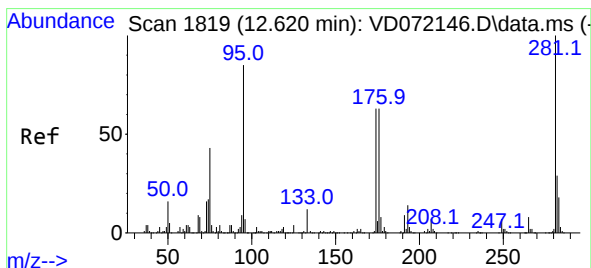
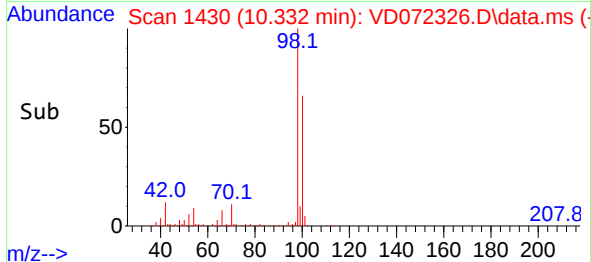
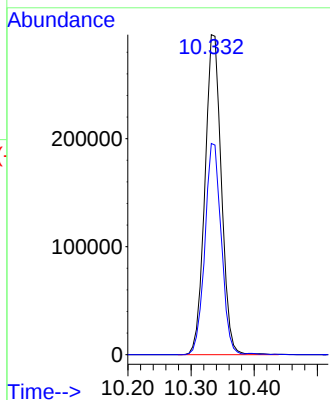
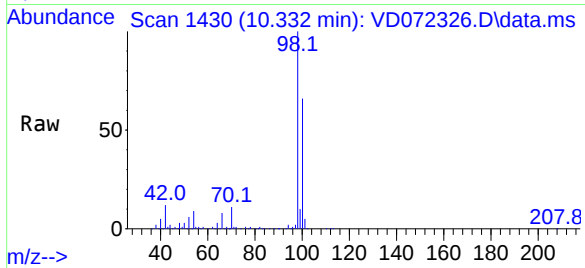




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

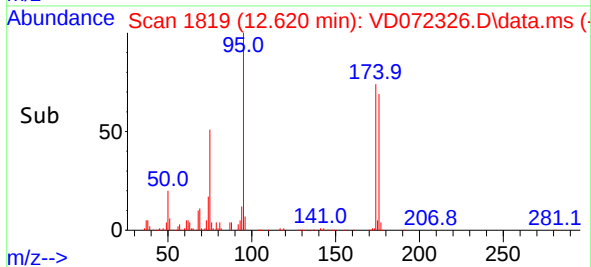
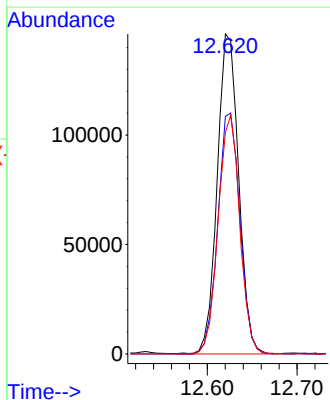
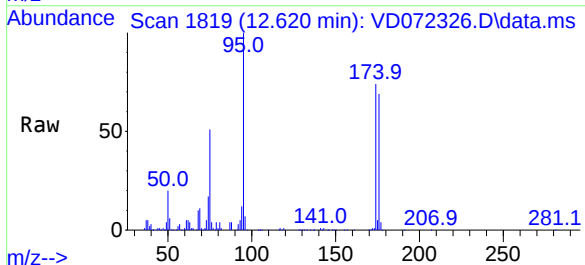
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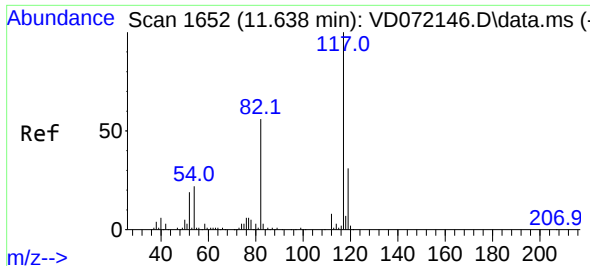
Tgt Ion: 98 Resp: 536004
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.485 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 95 Resp: 242817
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.9 0.0 145.4

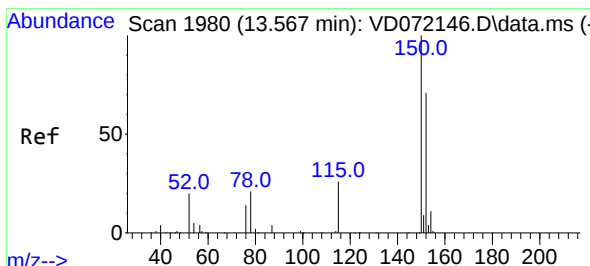
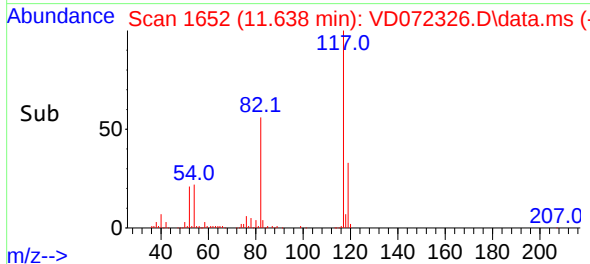
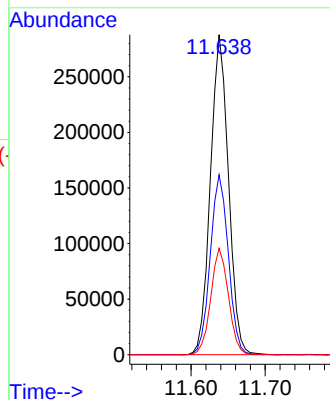
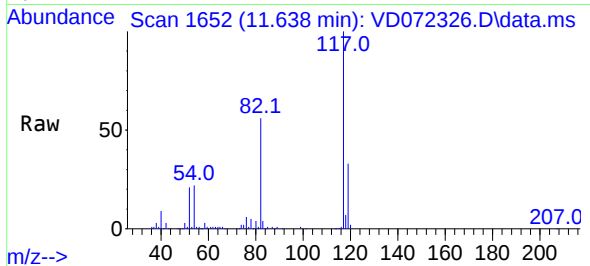




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

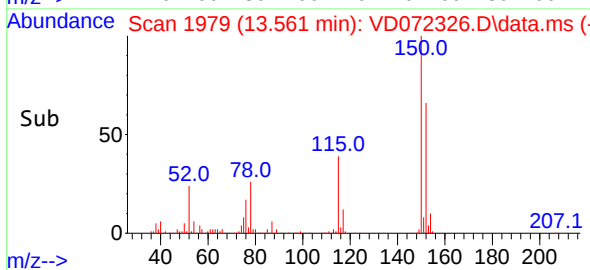
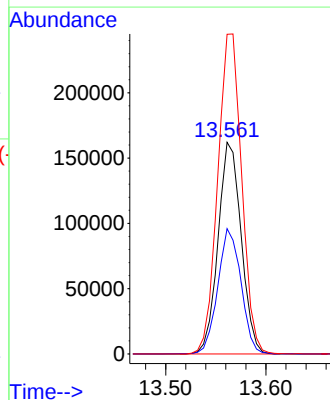
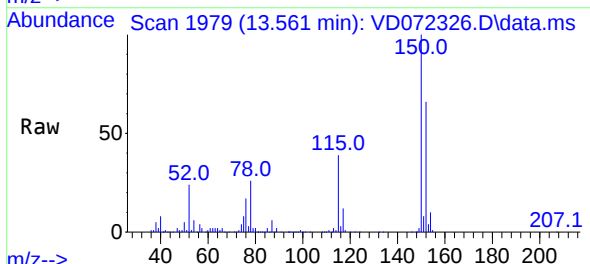
Instrument :
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ClientSampleId :
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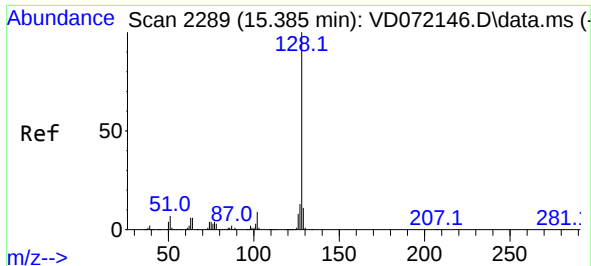
Tgt Ion:	117	Resp:	487268
Ion	Ratio	Lower	Upper
117	100		
82	56.2	45.3	67.9
119	33.3	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

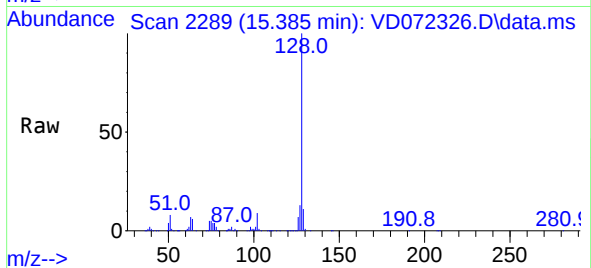
Tgt Ion:	152	Resp:	259546
Ion	Ratio	Lower	Upper
152	100		
115	59.3	31.3	93.8
150	156.6	0.0	348.6





#95
Naphthalene
Concen: 148.384 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:128 Resp: 1432452
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.4 12.6

