

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072318.D
 Acq On : 19 Mar 2022 05:33
 Operator : VA/SY
 Sample : N1970-09
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-12-21-22

Quant Time: Mar 19 08:10:07 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)

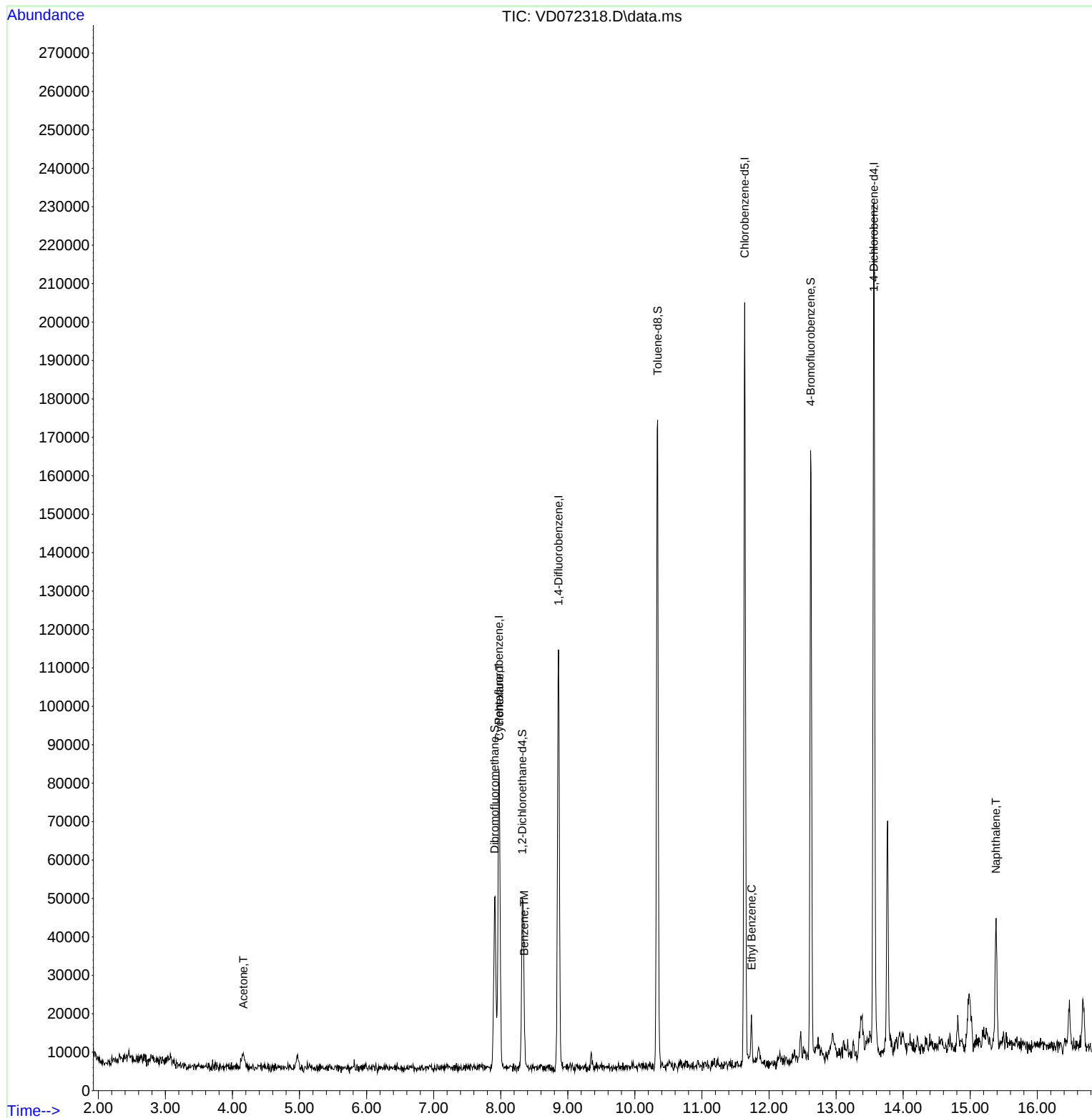
Internal Standards						
1) Pentafluorobenzene	7.973	168	55937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	89217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	109062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	57421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	36424	58.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.860%
35) Dibromofluoromethane	7.909	113	31916	50.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.680%
50) Toluene-d8	10.338	98	113782	49.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.620	95	54438	61.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.060%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	7213	53.292	ug/l #	83
31) Cyclohexane	7.979	56	1670	1.715	ug/l #	43
40) Benzene	8.350	78	3625	1.443	ug/l	97
67) Ethyl Benzene	11.738	91	6714	1.555	ug/l	97
95) Naphthalene	15.385	128	27482	12.868	ug/l	97

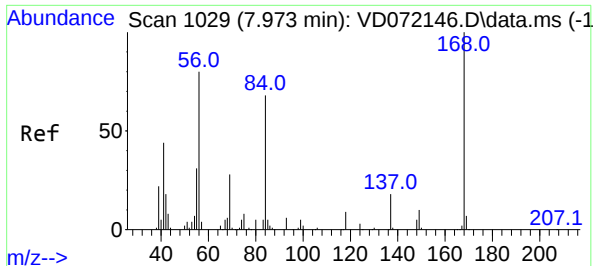
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072318.D
Acq On : 19 Mar 2022 05:33
Operator : VA/SY
Sample : N1970-09
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

Quant Time: Mar 19 08:10:07 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

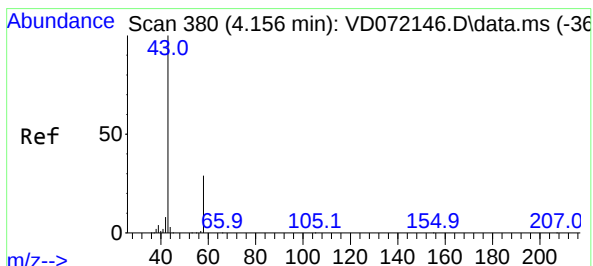
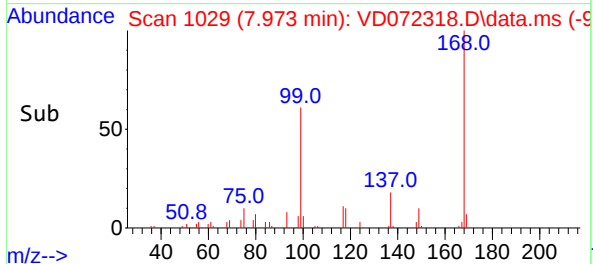
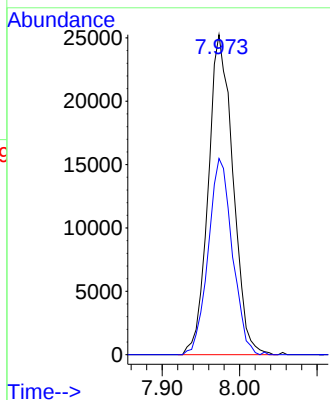
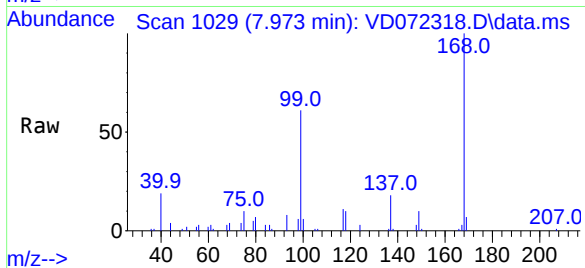




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

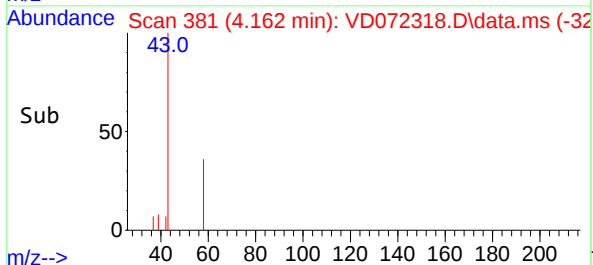
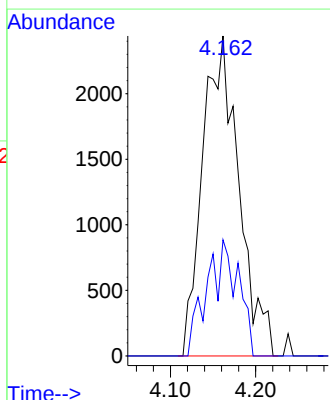
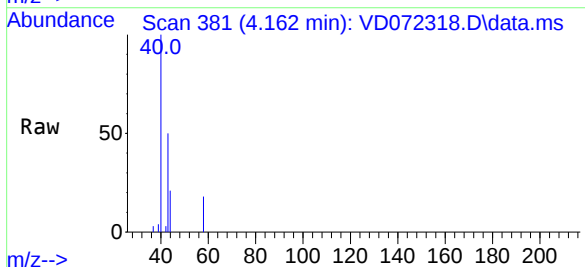
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

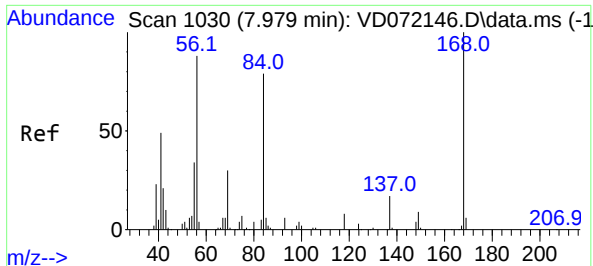
Tgt Ion:168 Resp: 55937
Ion Ratio Lower Upper
168 100
99 61.3 49.8 74.6



#16
Acetone
Concen: 53.292 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

Tgt Ion: 43 Resp: 7213
Ion Ratio Lower Upper
43 100
58 36.3 22.1 33.1#





#31

Cyclohexane

Concen: 1.715 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072318.D

Acq: 19 Mar 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

G-3-12-21-22

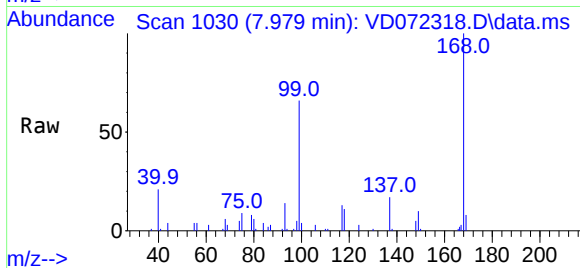
Tgt Ion: 56 Resp: 1670

Ion Ratio Lower Upper

56 100

69 83.7 25.4 38.2#

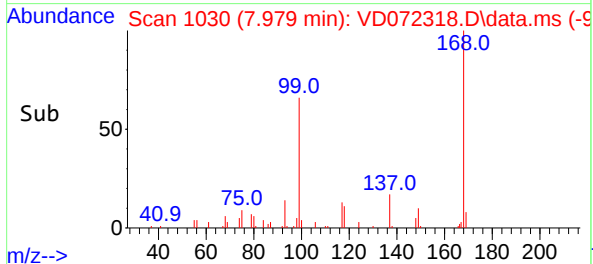
84 115.9 63.0 94.4#



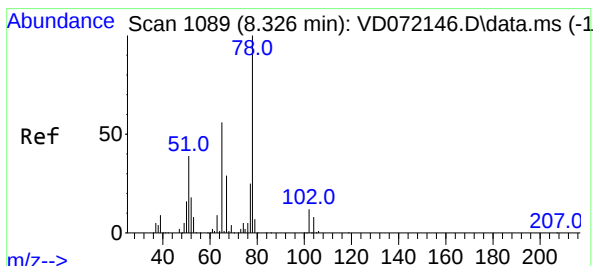
Abundance

7.979

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.429 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072318.D

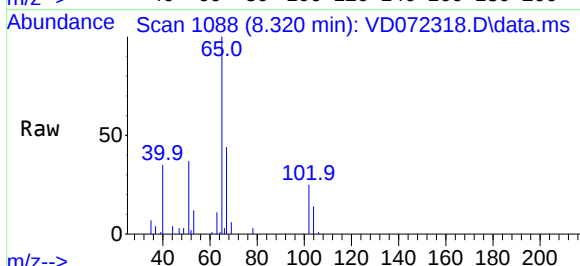
Acq: 19 Mar 2022 05:33

Tgt Ion: 65 Resp: 36424

Ion Ratio Lower Upper

65 100

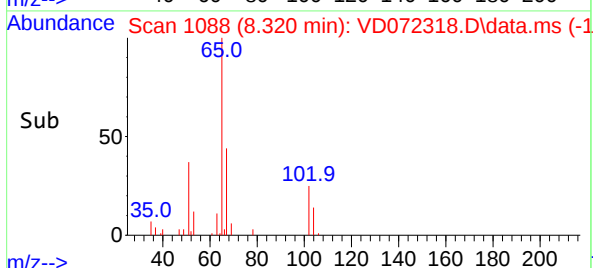
67 52.5 0.0 101.4



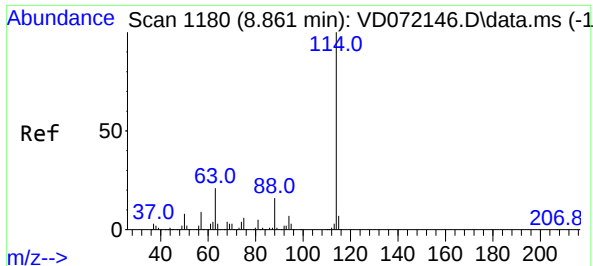
Abundance

8.320

Time-->



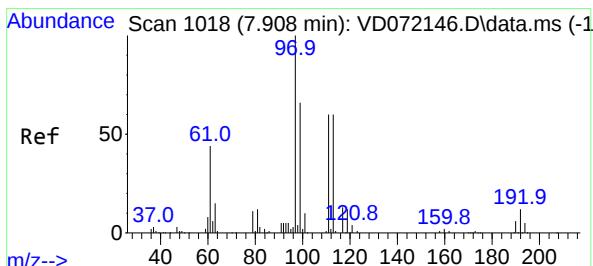
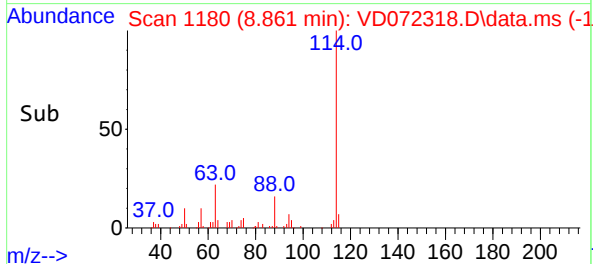
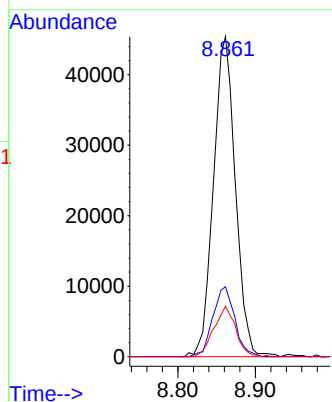
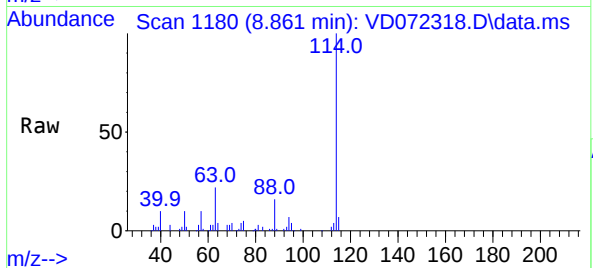
Time-->



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

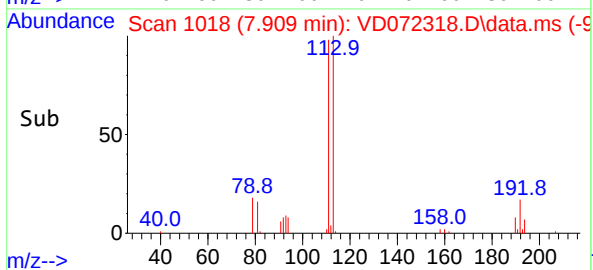
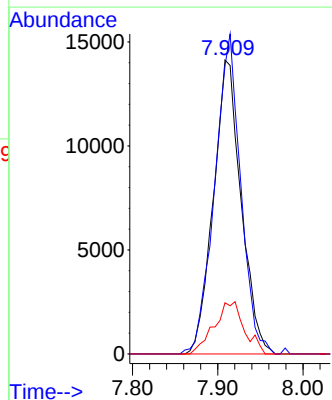
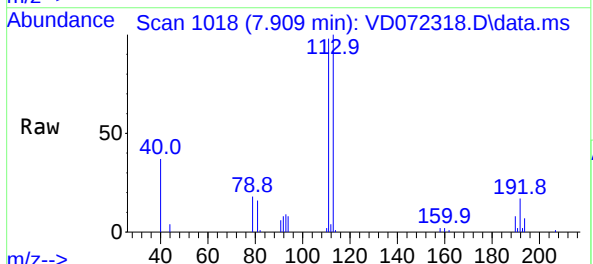
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

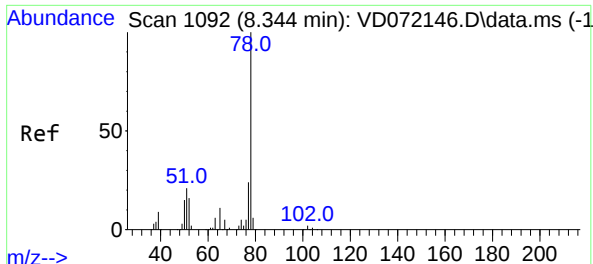
Tgt Ion:	114	Resp:	89217
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	46.6
88	15.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 50.836 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

Tgt Ion:	113	Resp:	31916
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	19.3	14.6	21.8

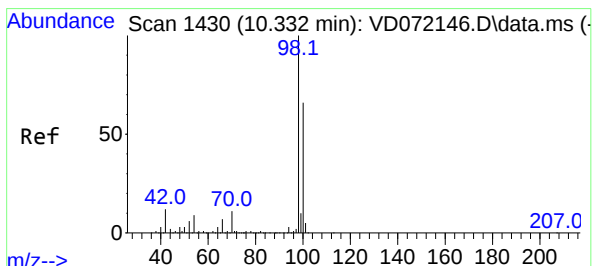
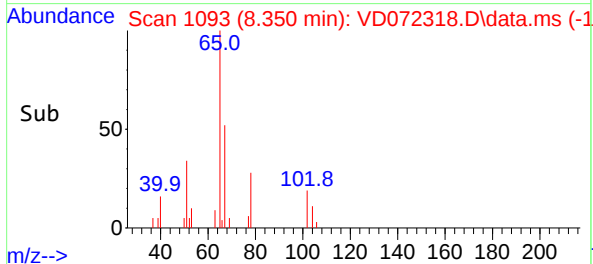
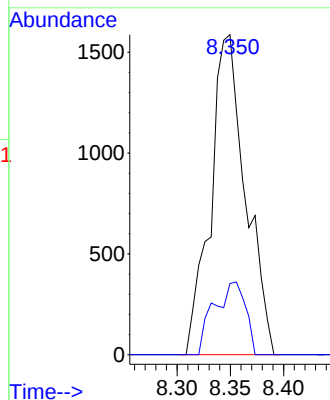
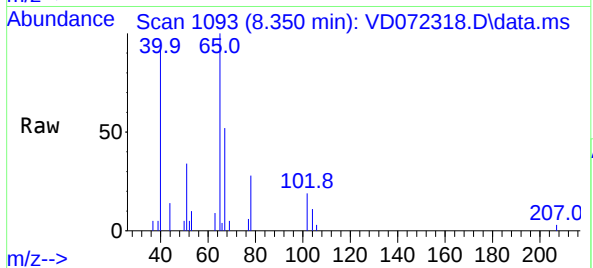




#40
Benzene
Concen: 1.443 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

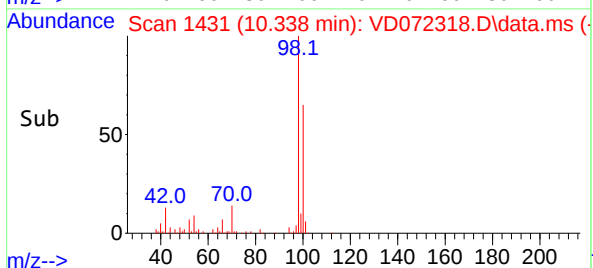
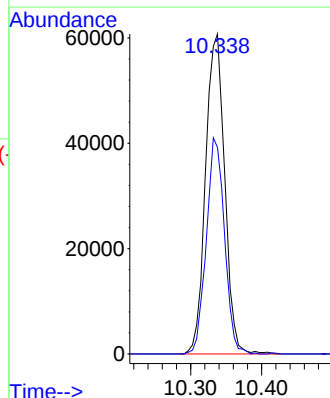
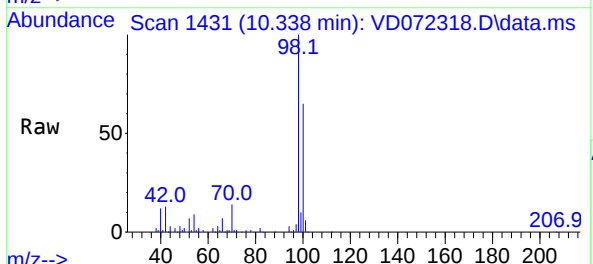
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

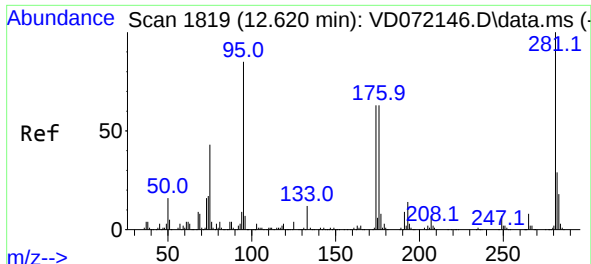
Tgt Ion: 78 Resp: 3625
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7



#50
Toluene-d8
Concen: 49.564 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

Tgt Ion: 98 Resp: 113782
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6

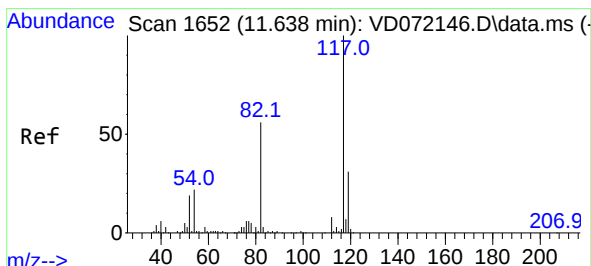
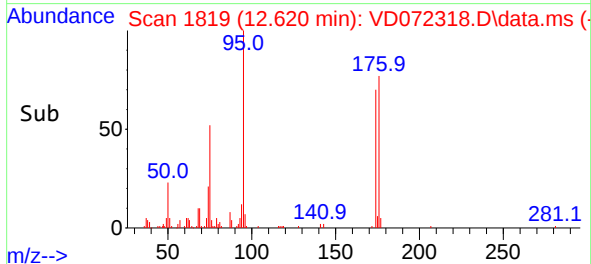
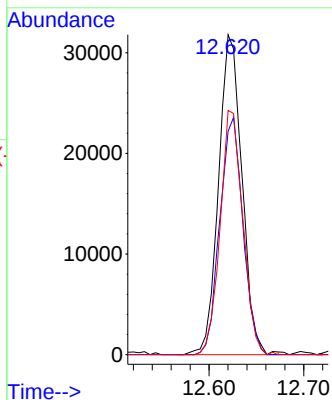
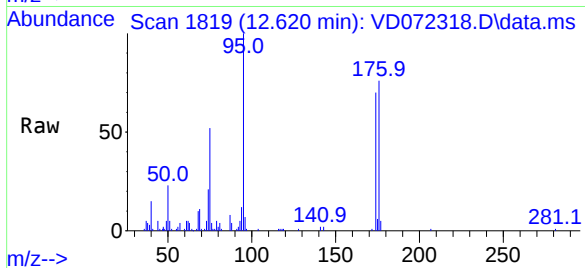




#62
4-Bromofluorobenzene
Concen: 61.030 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

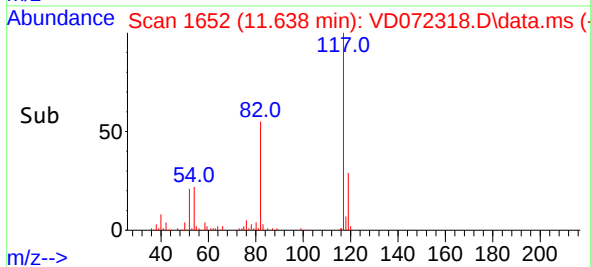
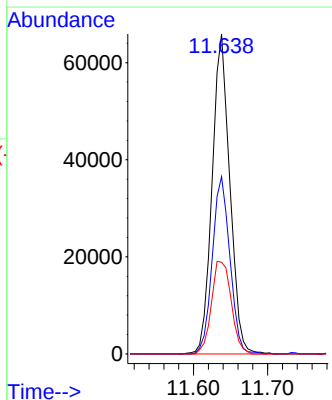
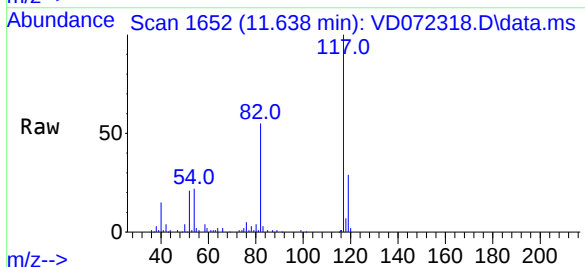
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

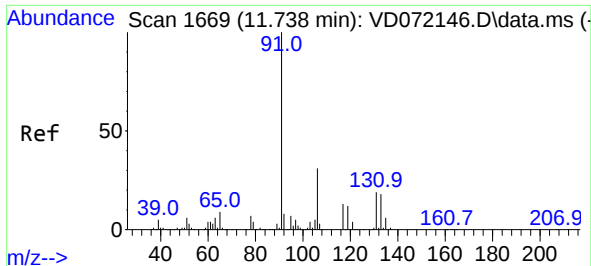
Tgt Ion:	95	Resp:	54438
Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	152.8
176	74.0	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

Tgt Ion:	117	Resp:	109062
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	28.6	26.6	40.0

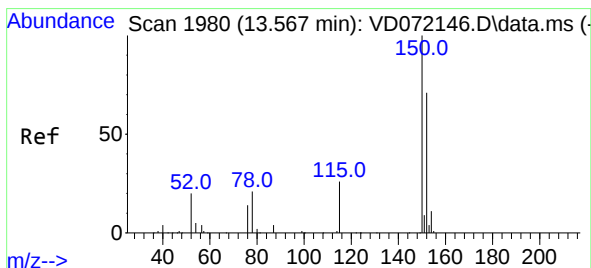
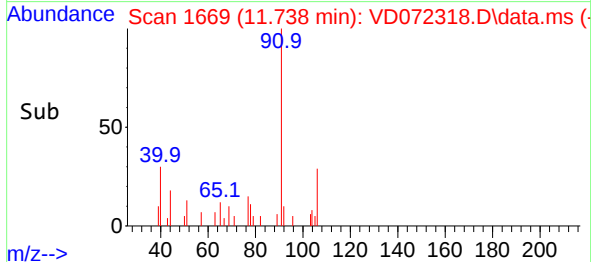
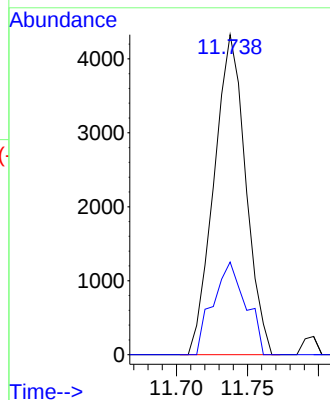
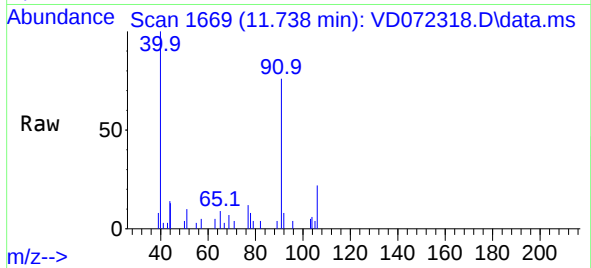




#67
Ethyl Benzene
Concen: 1.555 ug/l
RT: 11.738 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

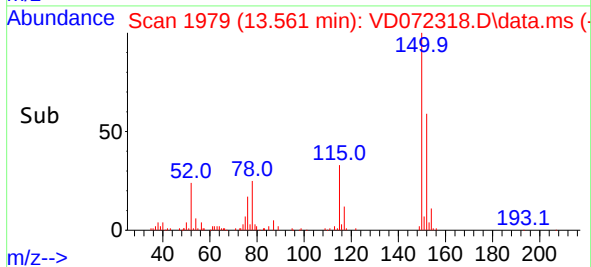
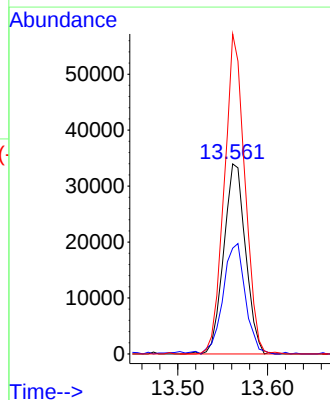
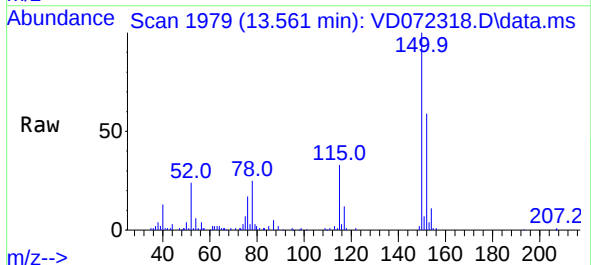
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22

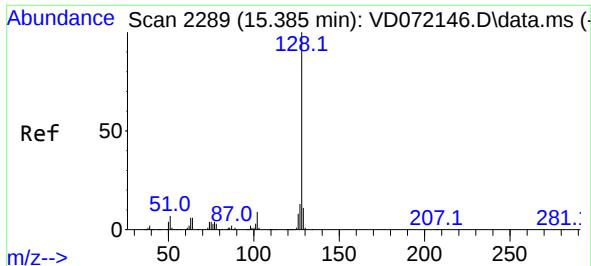
Tgt Ion: 91 Resp: 6714
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072318.D
Acq: 19 Mar 2022 05:33

Tgt Ion:152 Resp: 57421
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 158.6 0.0 348.6





#95

Naphthalene

Concen: 12.868 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072318.D

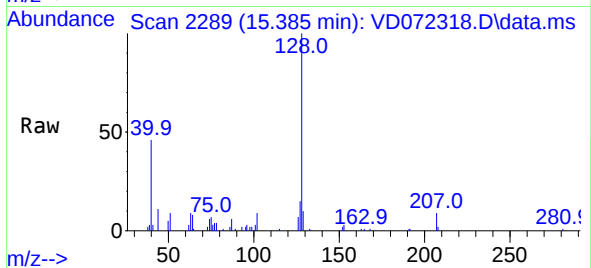
Acq: 19 Mar 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

G-3-12-21-22



Tgt Ion:128 Resp: 27482

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 12.5 8.4 12.6

