

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072342.D
 Acq On : 21 Mar 2022 16:07
 Operator : VA/SY
 Sample : N1970-09RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 22 02:12:27 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)

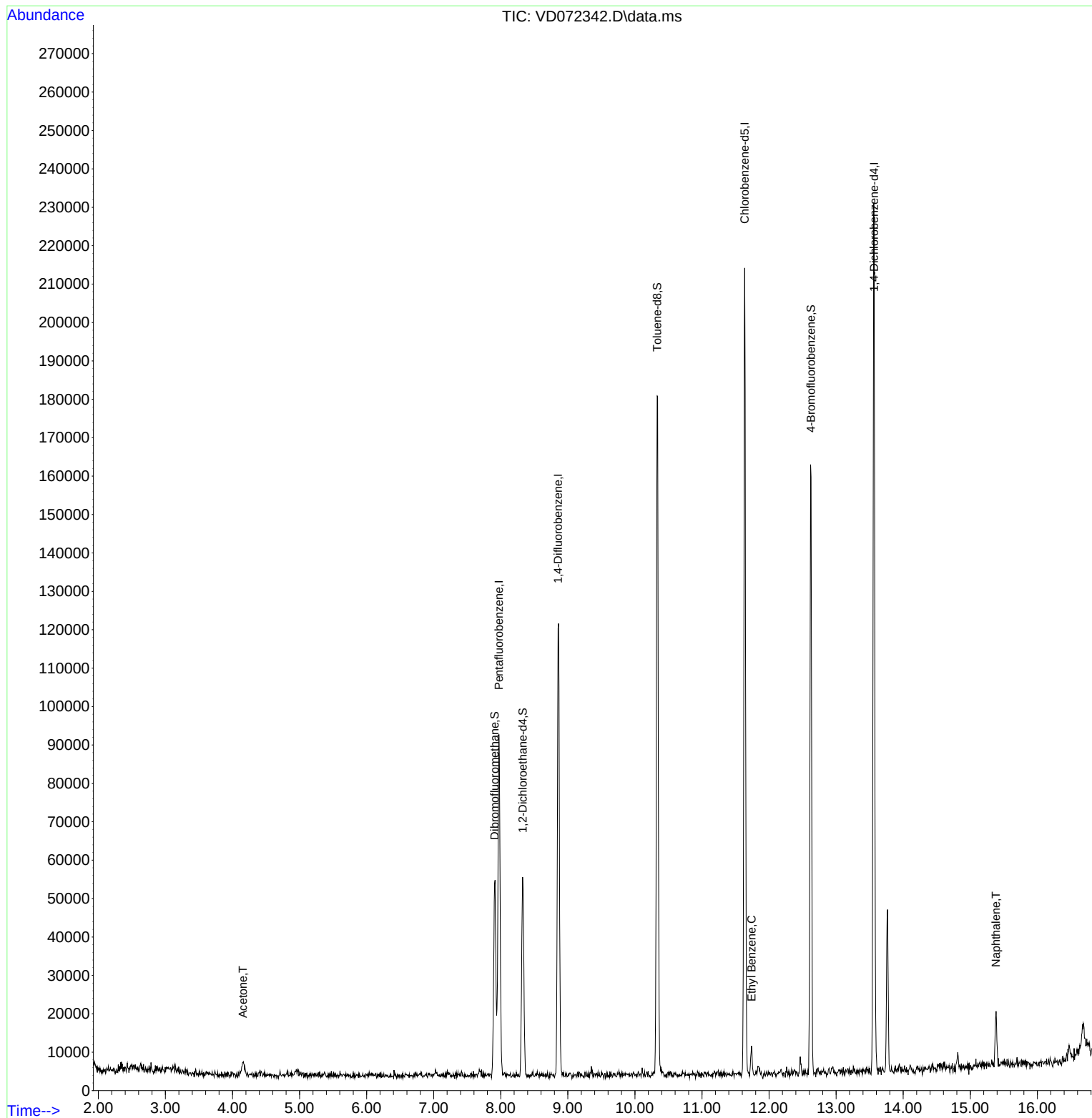
Internal Standards						
1) Pentafluorobenzene	7.973	168	62341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	100364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	116729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	58864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39902	57.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.860%	
35) Dibromofluoromethane	7.908	113	37261	52.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.520%	
50) Toluene-d8	10.332	98	124484	48.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.626	95	54599	54.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	6972	46.220	ug/l	91
67) Ethyl Benzene	11.738	91	5017	1.085	ug/l #	86
95) Naphthalene	15.384	128	11839	5.407	ug/l #	94

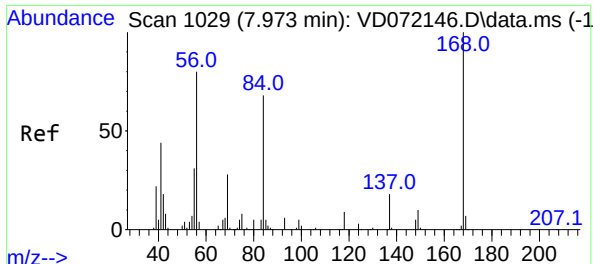
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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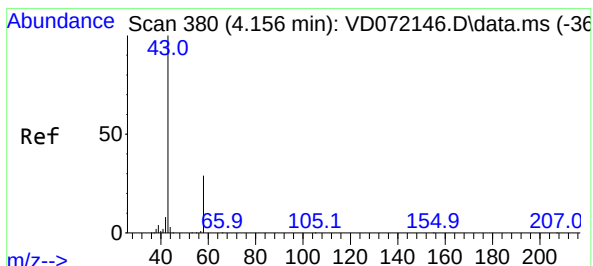
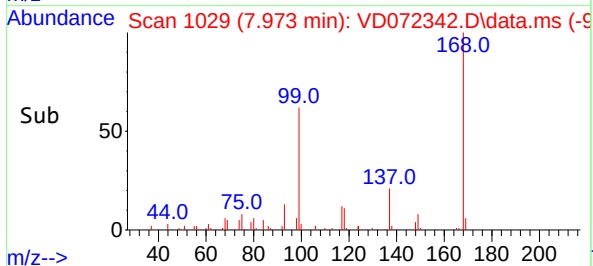
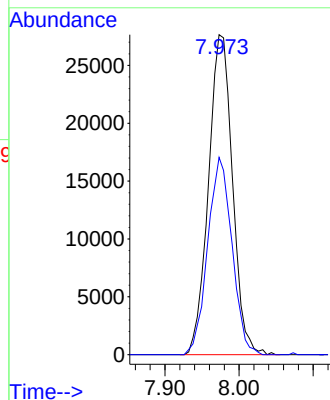
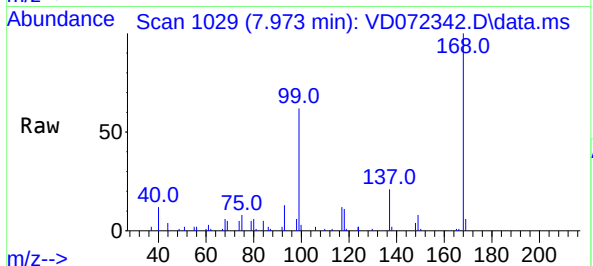




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

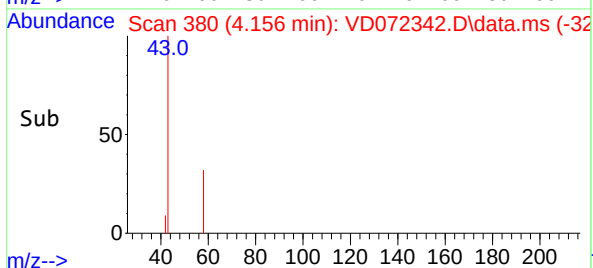
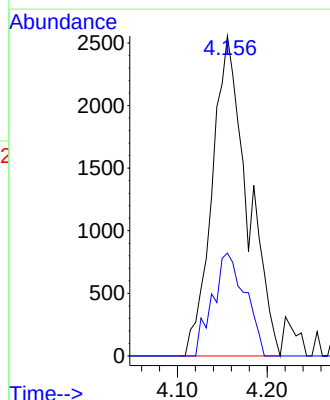
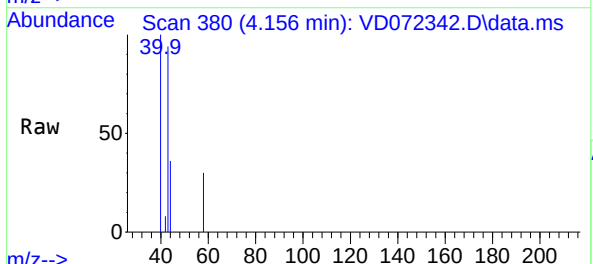
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

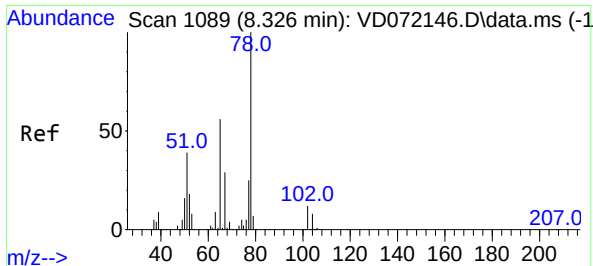
Tgt Ion:168 Resp: 62341
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#16
Acetone
Concen: 46.220 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 43 Resp: 6972
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 57.433 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

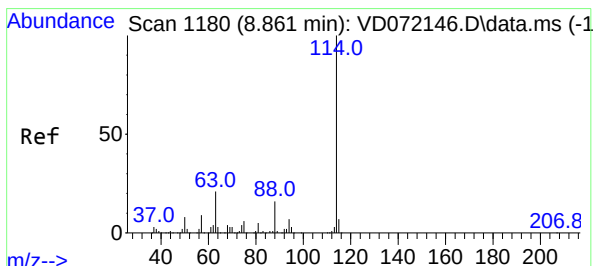
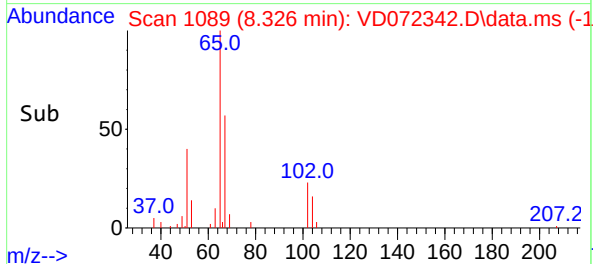
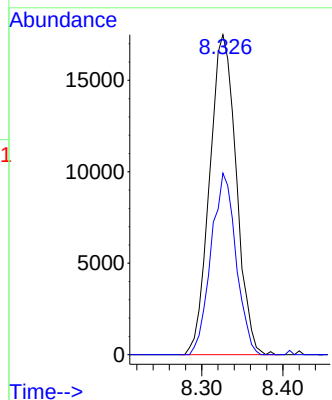
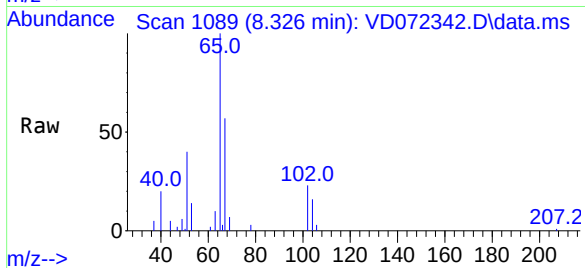
G-3-12-21-22RE

Tgt Ion: 65 Resp: 39902

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

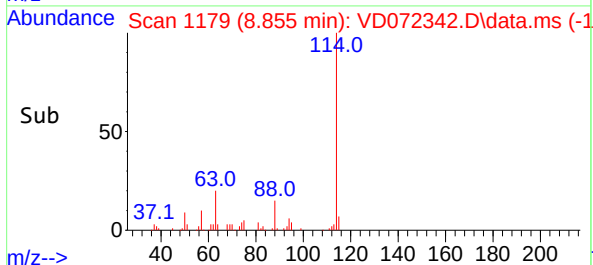
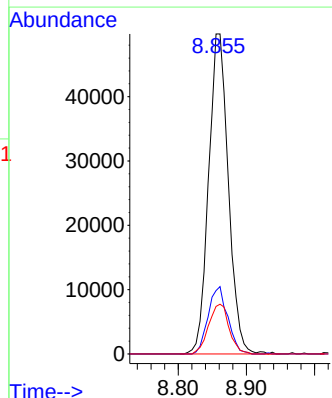
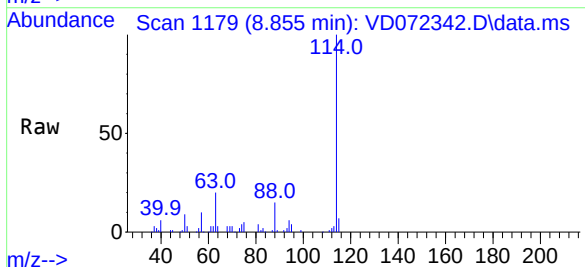
Tgt Ion: 114 Resp: 100364

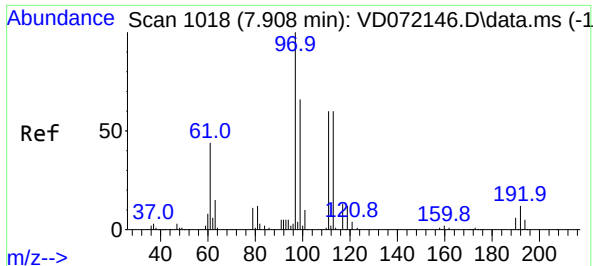
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.8 0.0 33.2

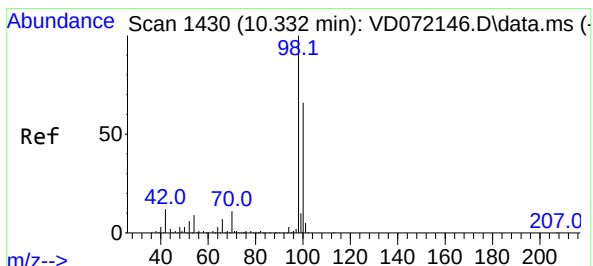
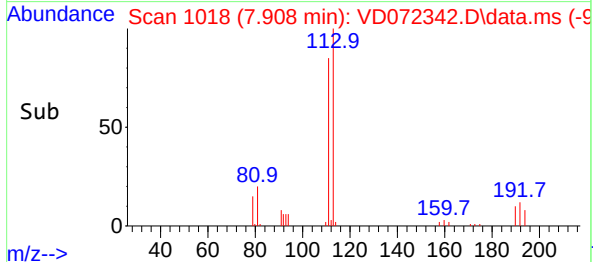
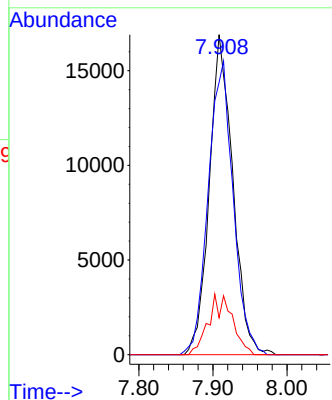
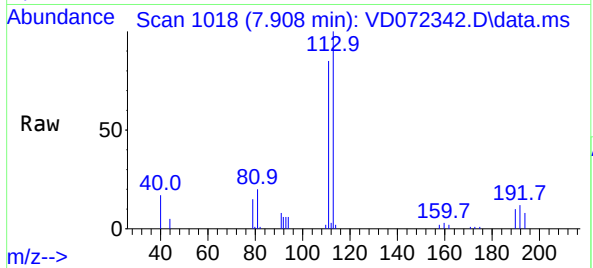




#35
Dibromofluoromethane
Concen: 52.758 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

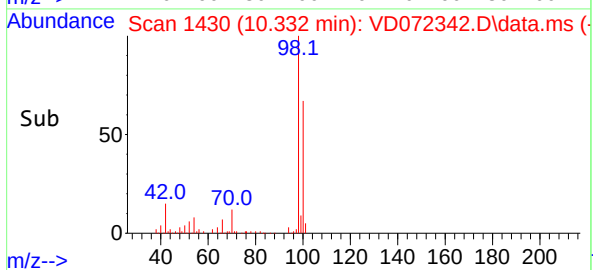
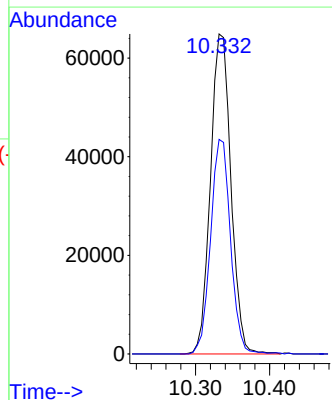
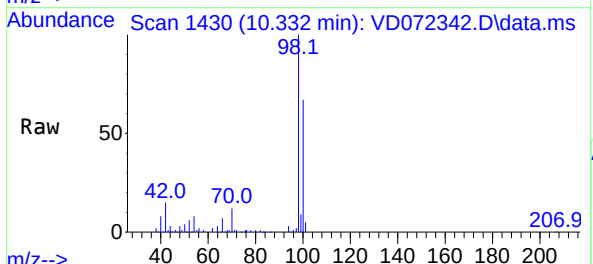
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

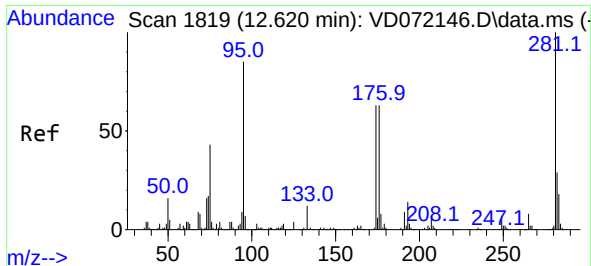
Tgt Ion:113 Resp: 37261
Ion Ratio Lower Upper
113 100
111 97.3 83.8 125.6
192 9.5 14.6 21.8#



#50
Toluene-d8
Concen: 48.203 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 98 Resp: 124484
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

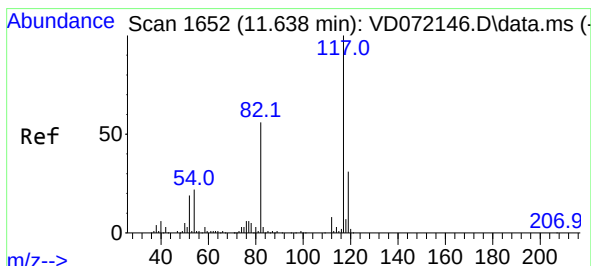
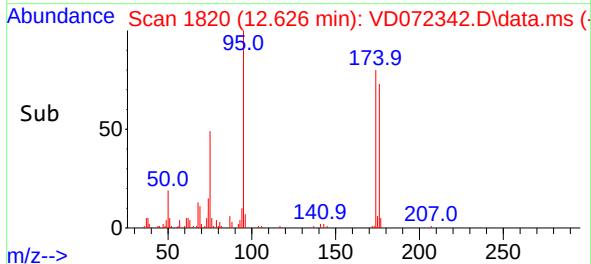
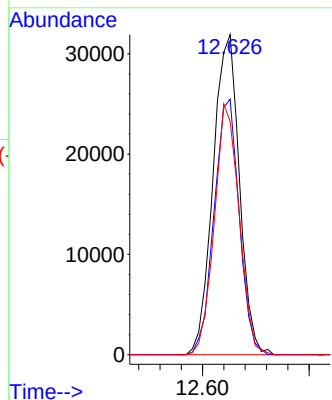
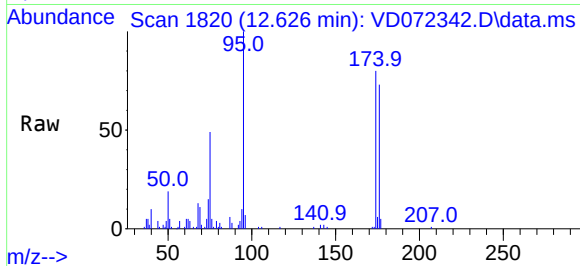




#62
4-Bromofluorobenzene
Concen: 54.412 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

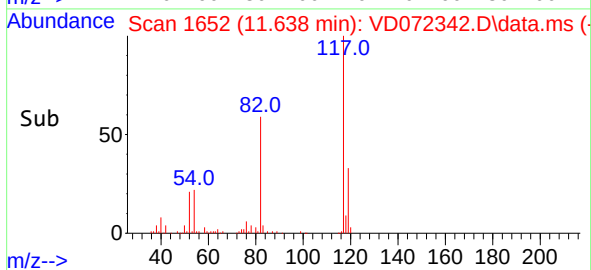
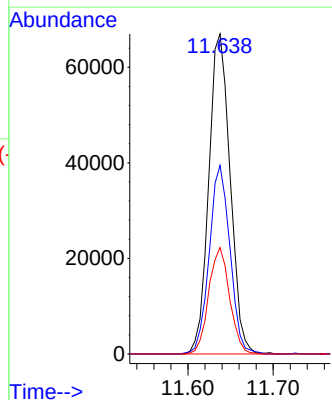
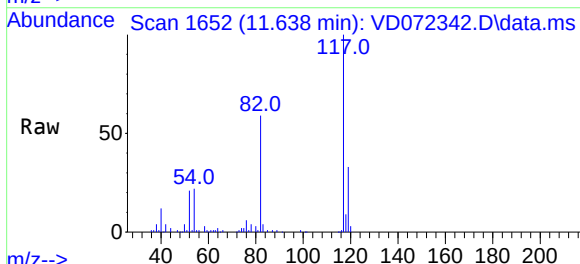
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

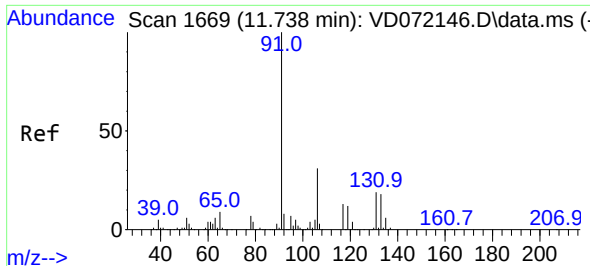
Tgt Ion:	95	Resp:	54599
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.8
176	73.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion:	117	Resp:	116729
Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.3	67.9
119	33.3	26.6	40.0

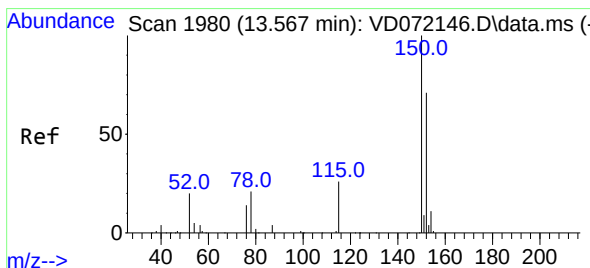
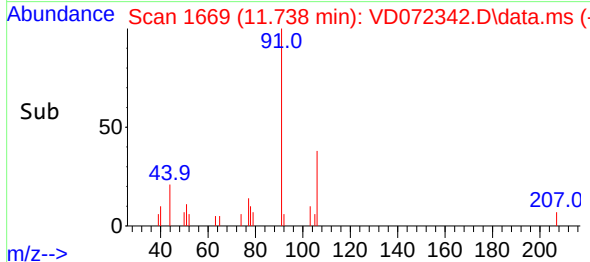
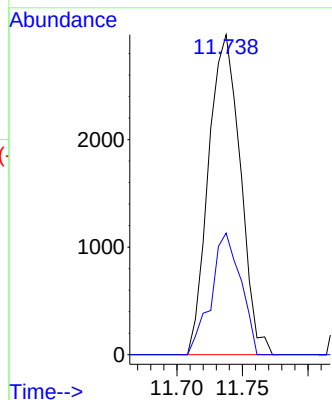
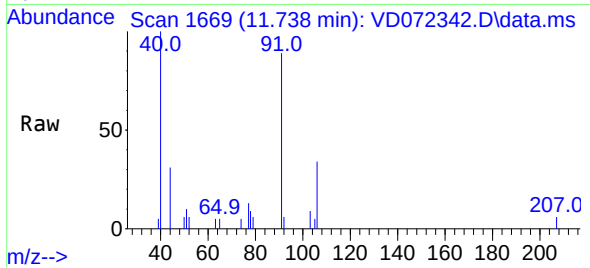




#67
Ethyl Benzene
Concen: 1.085 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

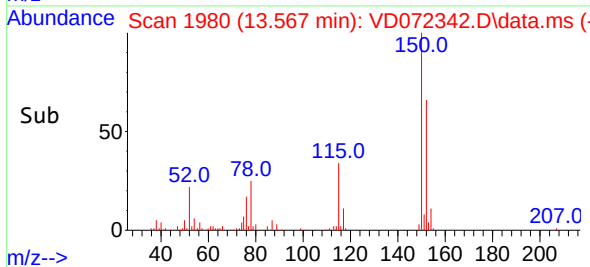
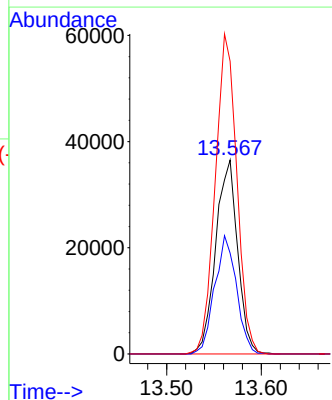
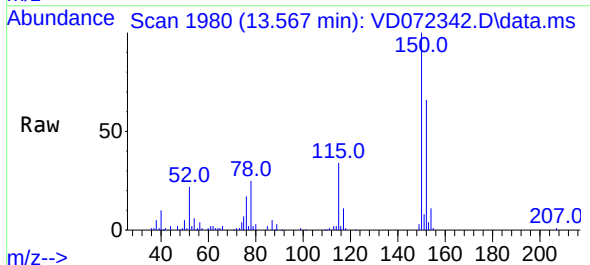
Instrument :
MSVOA_D
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G-3-12-21-22RE

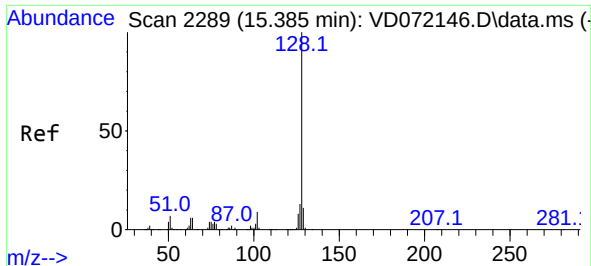
Tgt Ion: 91 Resp: 5017
Ion Ratio Lower Upper
91 100
106 38.0 24.2 36.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion:152 Resp: 58864
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 161.8 0.0 348.6





#95

Naphthalene

Concen: 5.407 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072342.D

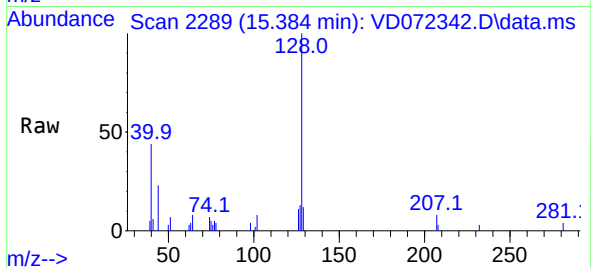
Acq: 21 Mar 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

G-3-12-21-22RE



Tgt Ion:128 Resp: 11839

Ion Ratio Lower Upper

128 100

127 15.3 10.3 15.5

129 12.8 8.4 12.6#

