

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072272.D
 Acq On : 18 Mar 2022 05:46
 Operator : VA/SY
 Sample : N1966-07
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-1-7-13-14

Quant Time: Mar 18 08:35:26 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)

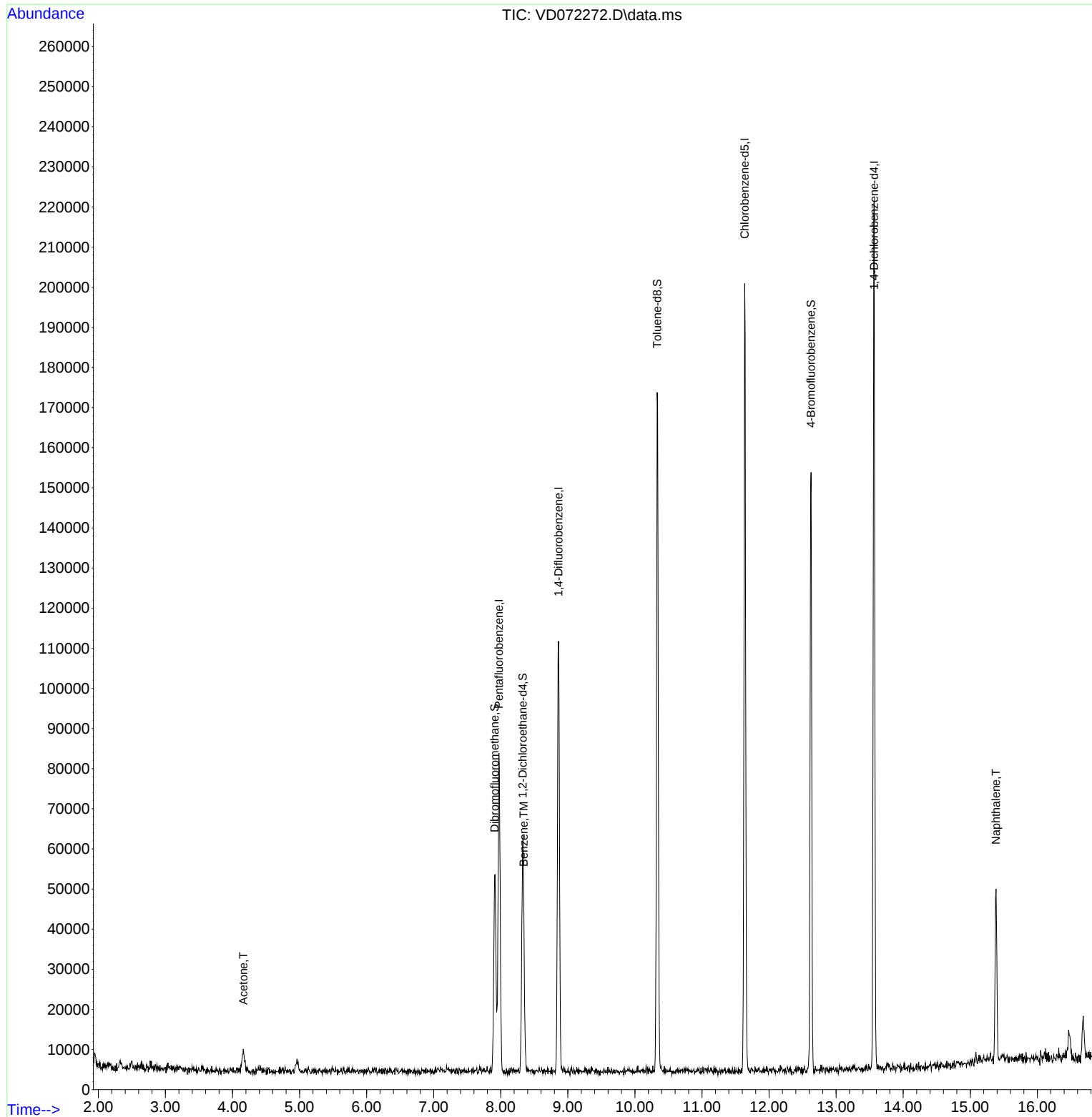
Internal Standards						
1) Pentafluorobenzene	7.973	168	55282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	91768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	112148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	53971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43342	70.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.700%
35) Dibromofluoromethane	7.908	113	36149	55.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.960%
50) Toluene-d8	10.332	98	114831	48.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.626	95	51242	55.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.700%
Target Compounds						
						Qvalue
16) Acetone	4.162	43	9279	69.368	ug/l	94
40) Benzene	8.344	78	9106	3.523	ug/l	91
95) Naphthalene	15.384	128	37143	18.503	ug/l	98

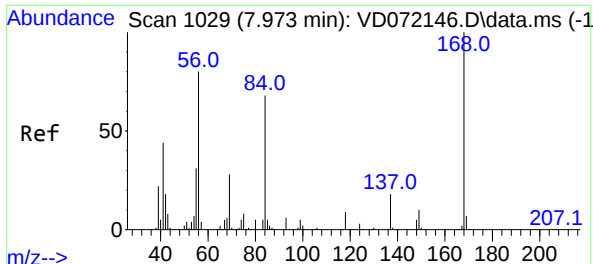
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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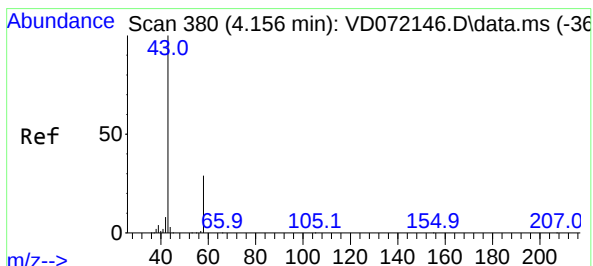
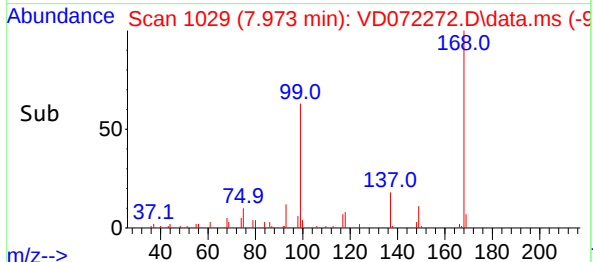
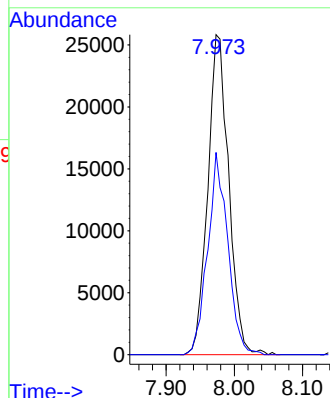
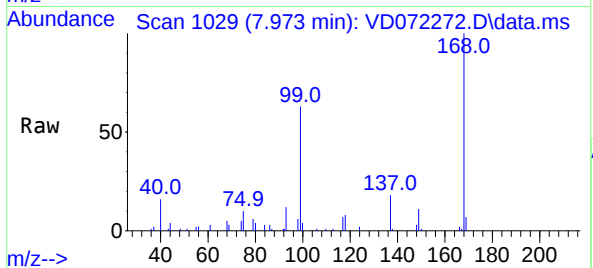




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

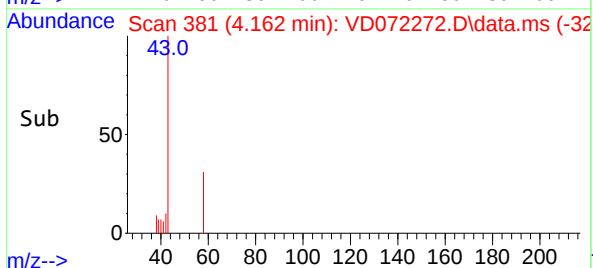
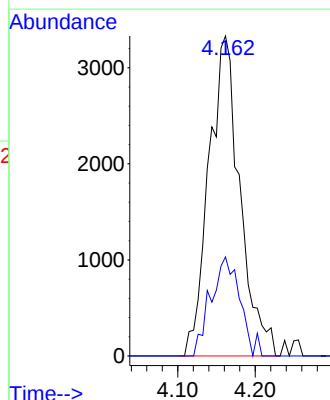
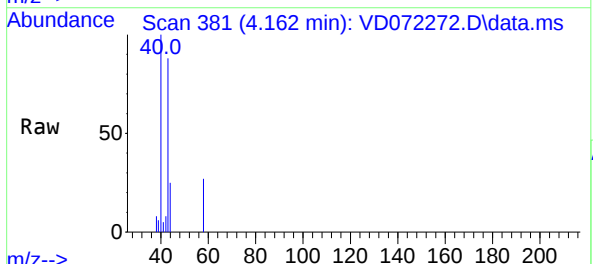
Instrument :
MSVOA_D
ClientSampleId :
G-1-7-13-14

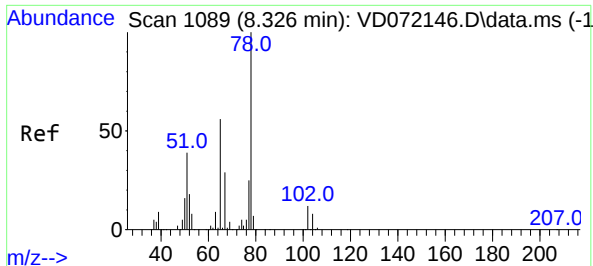
Tgt Ion:168 Resp: 55282
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#16
Acetone
Concen: 69.368 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

Tgt Ion: 43 Resp: 9279
Ion Ratio Lower Upper
43 100
58 31.0 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 70.350 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072272.D

Acq: 18 Mar 2022 05:46

Instrument :

MSVOA_D

ClientSampleId :

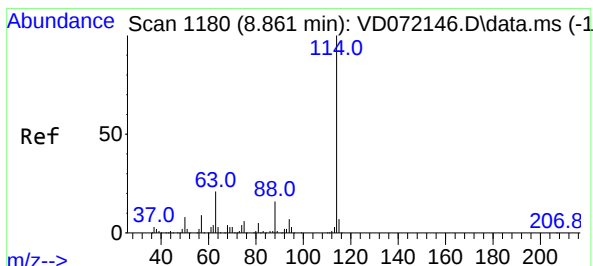
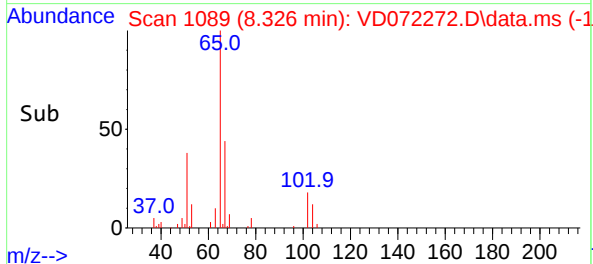
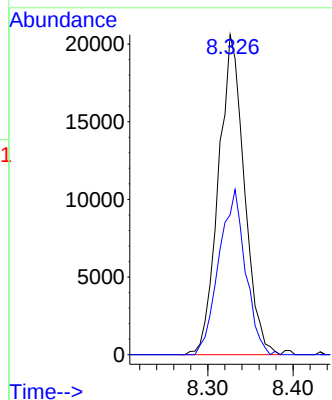
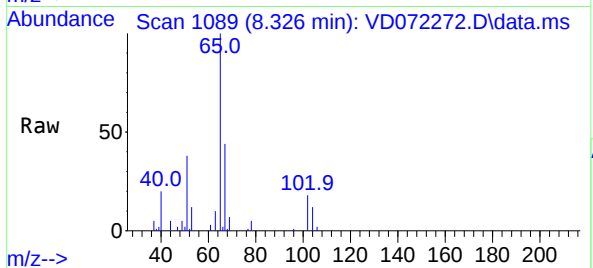
G-1-7-13-14

Tgt Ion: 65 Resp: 43342

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072272.D

Acq: 18 Mar 2022 05:46

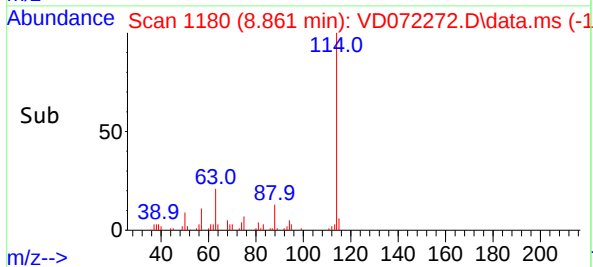
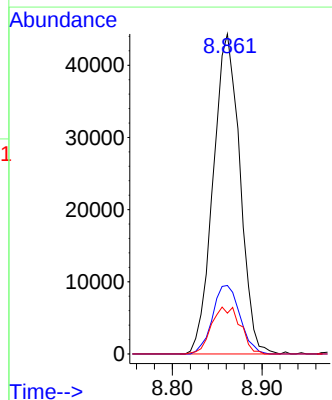
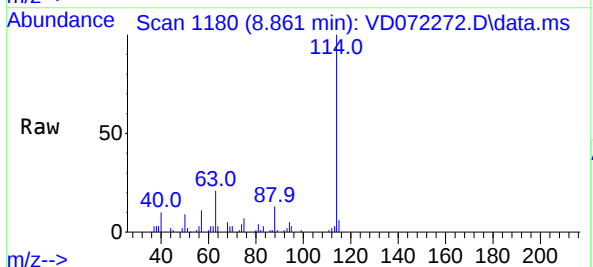
Tgt Ion: 114 Resp: 91768

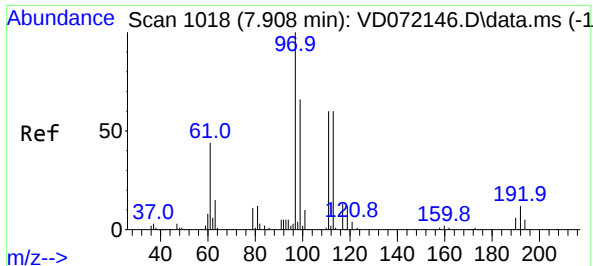
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 12.7 0.0 33.2

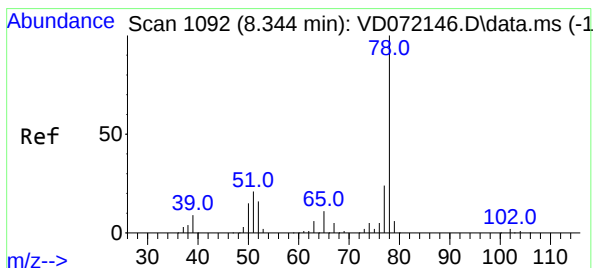
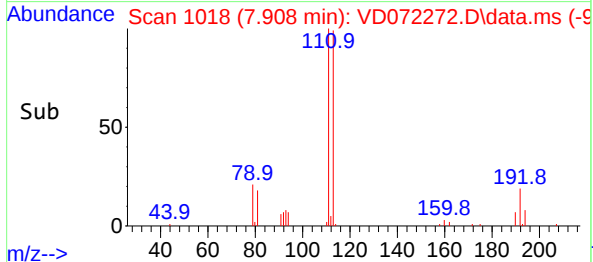
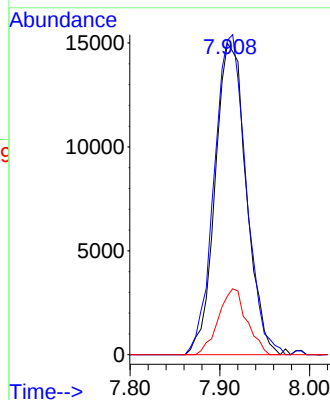
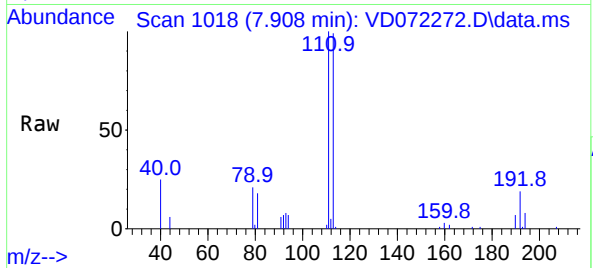




#35
Dibromofluoromethane
Concen: 55.977 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

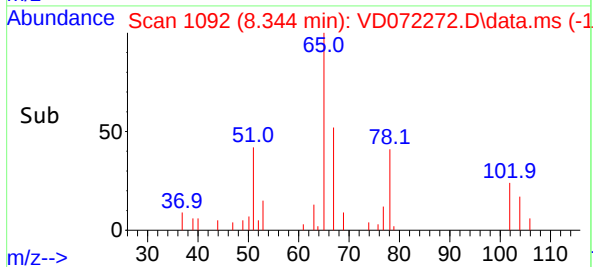
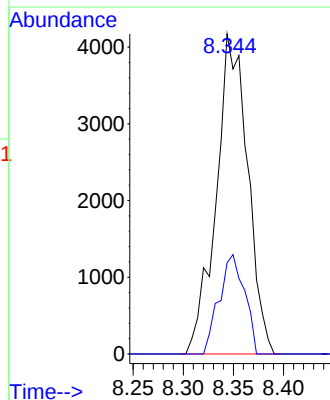
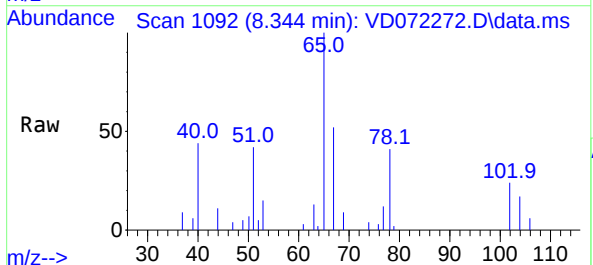
Instrument :
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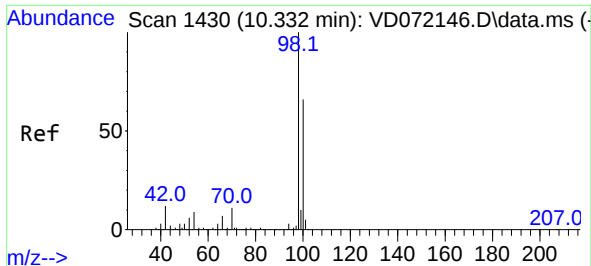
Tgt Ion:113 Resp: 36149
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 19.2 14.6 21.8



#40
Benzene
Concen: 3.523 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

Tgt Ion: 78 Resp: 9106
Ion Ratio Lower Upper
78 100
77 28.5 19.1 28.7

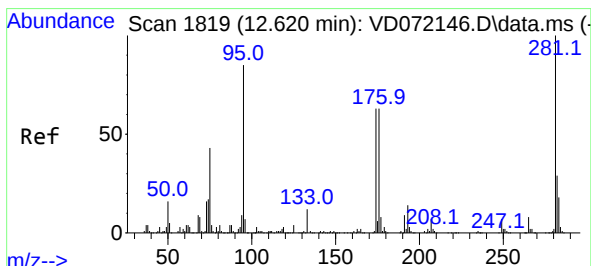
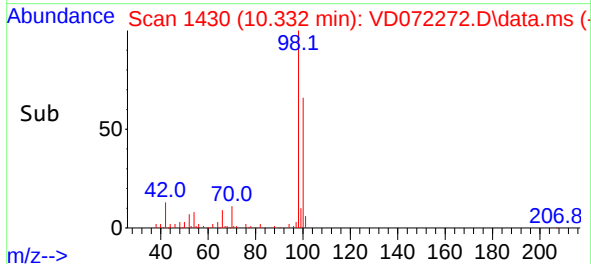
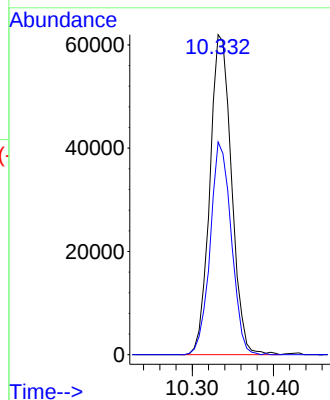
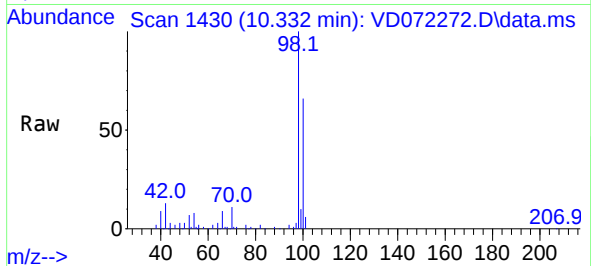




#50
Toluene-d8
Concen: 48.630 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

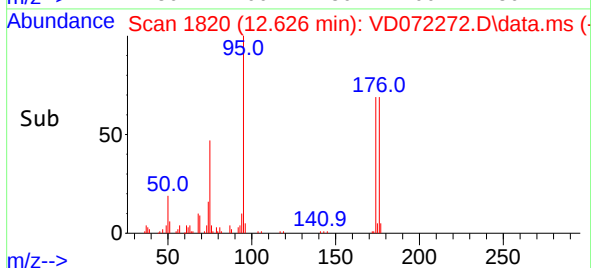
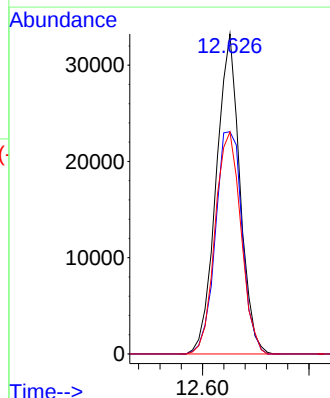
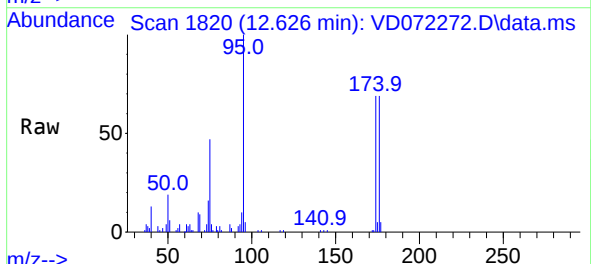
Instrument :
MSVOA_D
ClientSampleId :
G-1-7-13-14

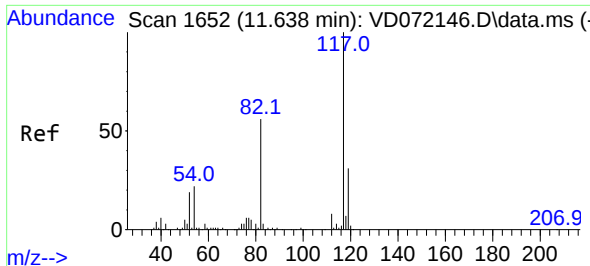
Tgt Ion: 98 Resp: 114831
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

Tgt Ion: 95 Resp: 51242
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.5 0.0 145.4

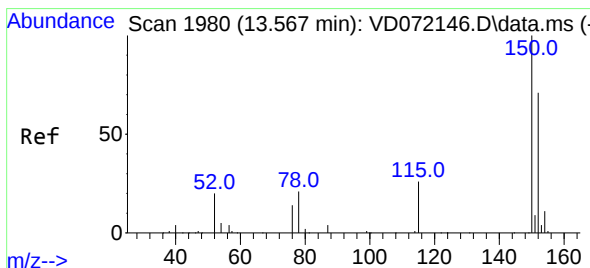
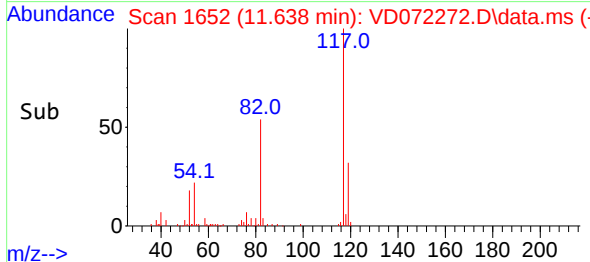
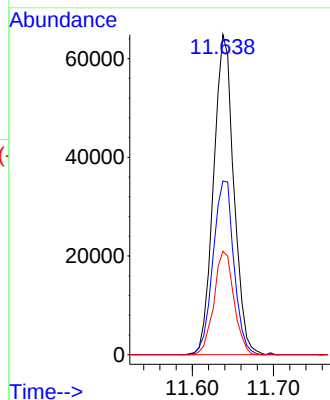
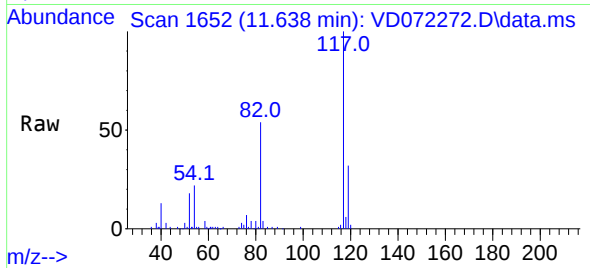




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

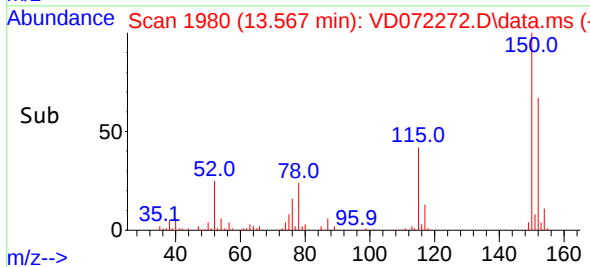
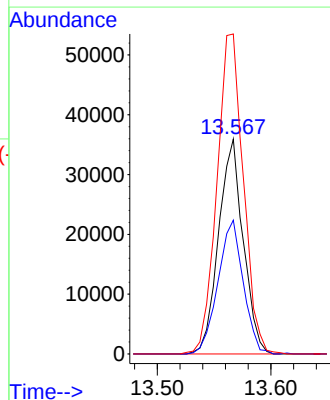
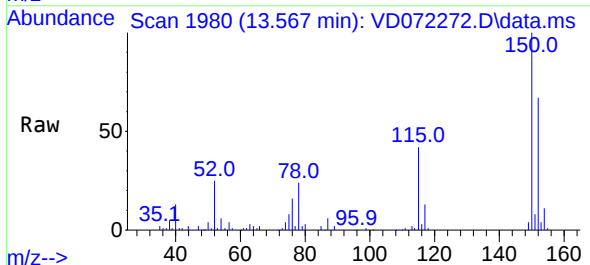
Instrument :
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G-1-7-13-14

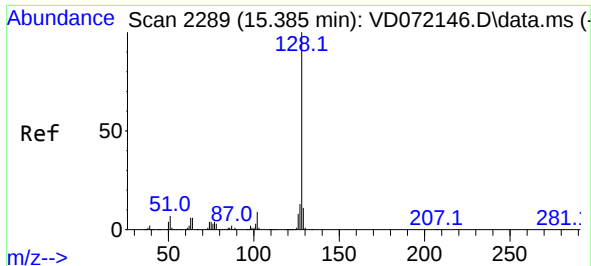
Tgt Ion:117 Resp: 112148
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072272.D
Acq: 18 Mar 2022 05:46

Tgt Ion:152 Resp: 53971
Ion Ratio Lower Upper
152 100
115 64.0 31.3 93.8
150 160.1 0.0 348.6





#95

Naphthalene

Concen: 18.503 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072272.D

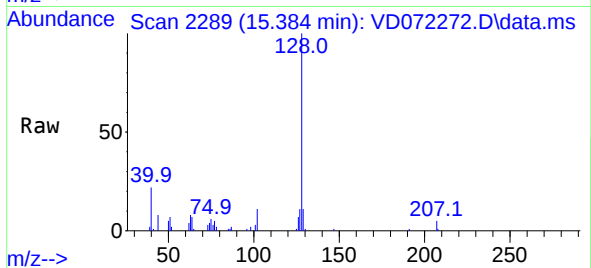
Acq: 18 Mar 2022 05:46

Instrument :

MSVOA_D

ClientSampleId :

G-1-7-13-14



Tgt Ion:128 Resp: 37143

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 12.3 8.4 12.6

