

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072322.D
 Acq On : 19 Mar 2022 07:26
 Operator : VA/SY
 Sample : N1968-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-2-4-5-6

Quant Time: Mar 19 08:11:00 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)

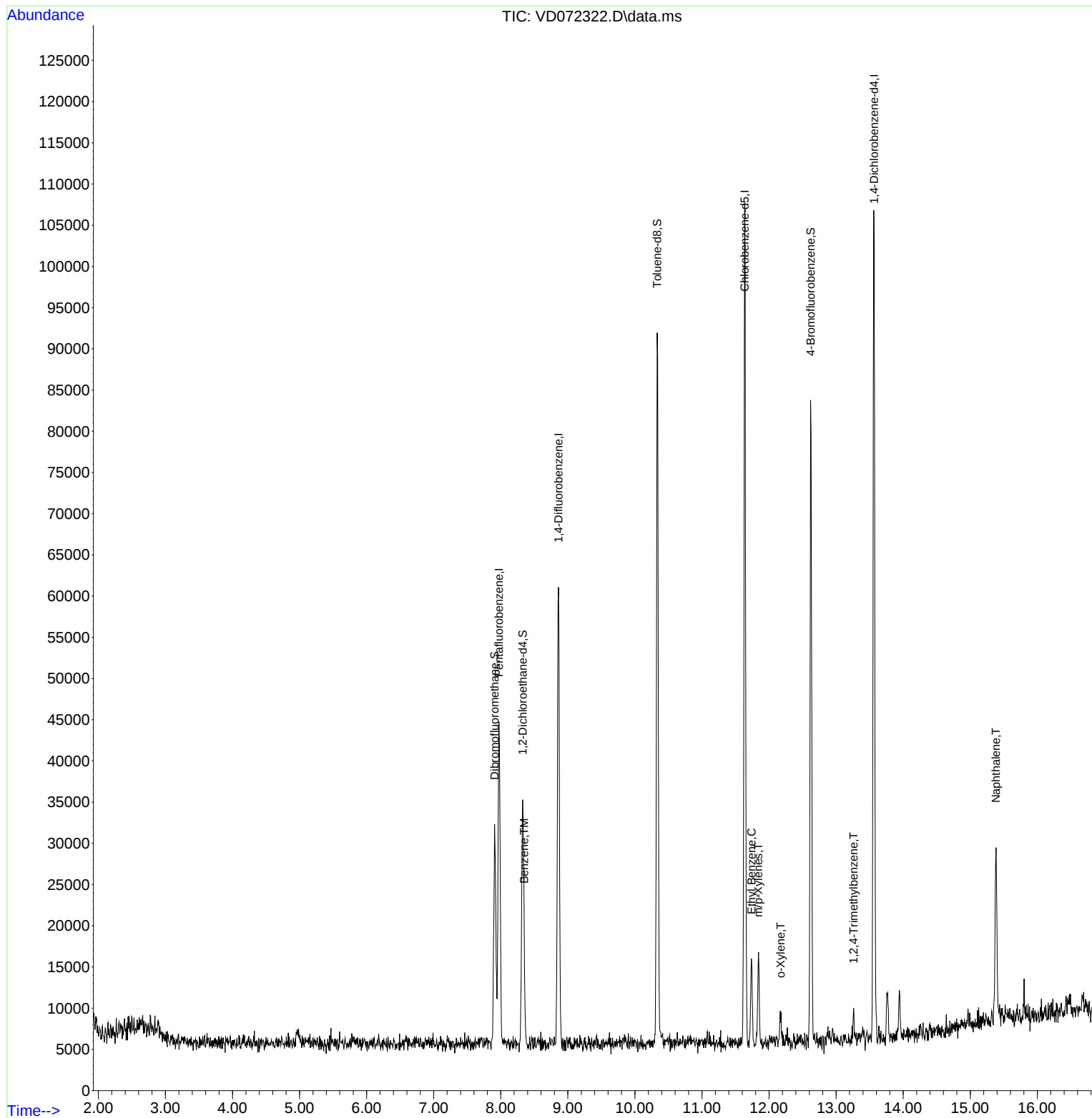
Internal Standards						
1) Pentafluorobenzene	7.973	168	29402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	45660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	57161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	27074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	21501	65.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.240%	
35) Dibromofluoromethane	7.908	113	18210	56.674	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.340%	
50) Toluene-d8	10.332	98	58889	50.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	12.620	95	26025	57.009	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.020%	
Target Compounds						Qvalue
40) Benzene	8.350	78	6335	4.926	ug/l	98
67) Ethyl Benzene	11.738	91	7751	3.425	ug/l #	86
68) m/p-Xylenes	11.838	106	3004	3.495	ug/l	95
69) o-Xylene	12.173	106	1299	1.580	ug/l	87
84) 1,2,4-Trimethylbenzene	13.261	105	2754	1.516	ug/l	81
95) Naphthalene	15.384	128	17975	17.850	ug/l	97

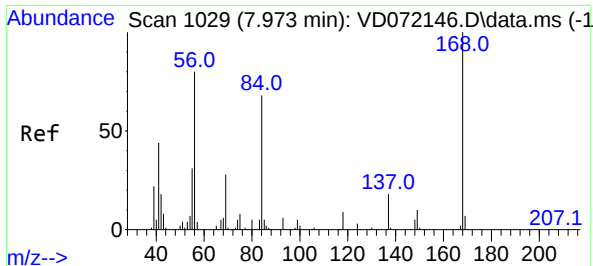
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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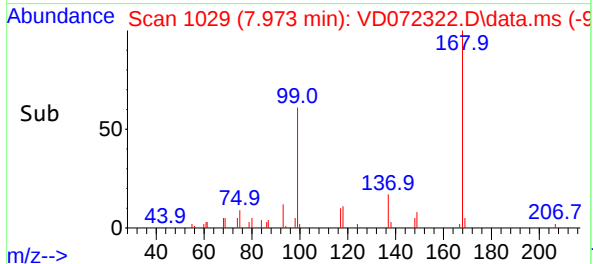
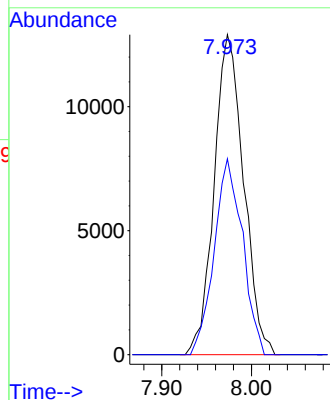
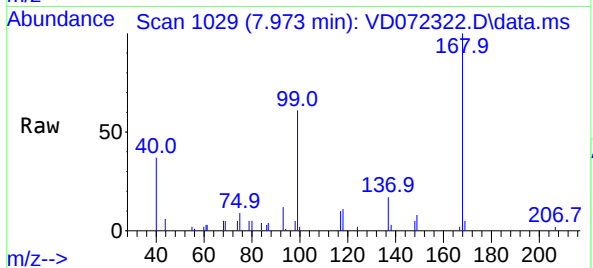




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

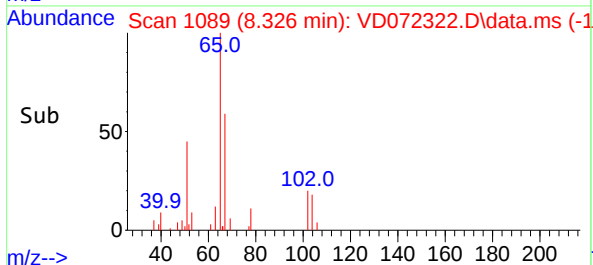
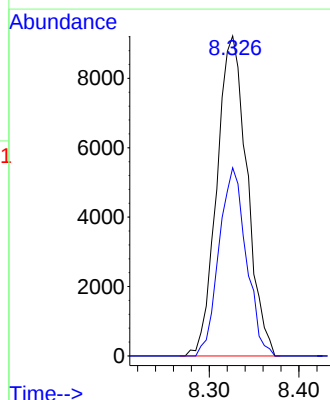
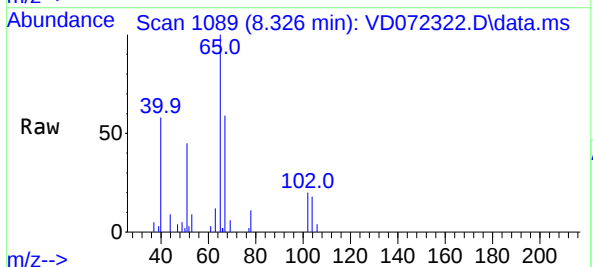
Instrument :
MSVOA_D
ClientSampleId :
G-2-4-5-6

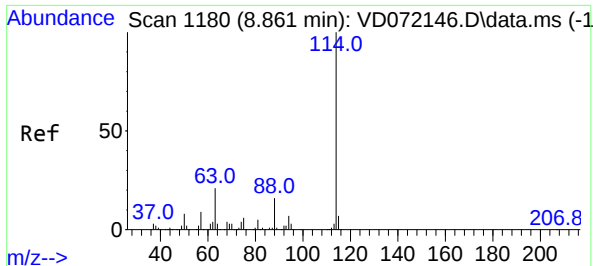
Tgt Ion:168 Resp: 29402
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 65.618 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion: 65 Resp: 21501
Ion Ratio Lower Upper
65 100
67 53.3 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: VD072322.D

Acq: 19 Mar 2022 07:26

Instrument :

MSVOA_D

ClientSampleId :

G-2-4-5-6

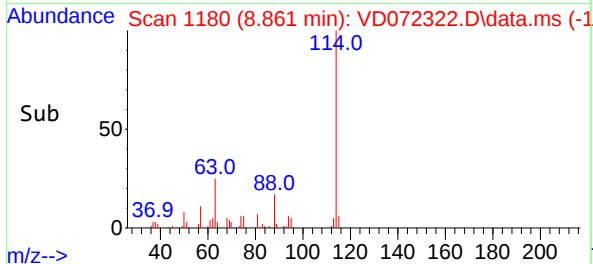
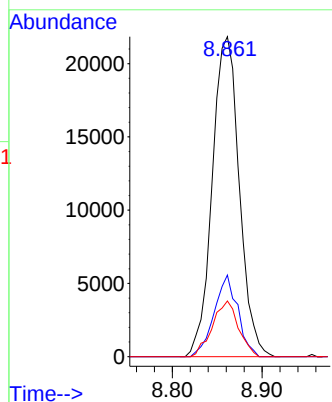
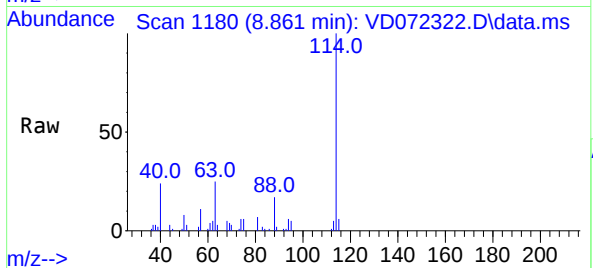
Tgt Ion:114 Resp: 45660

Ion Ratio Lower Upper

114 100

63 25.5 0.0 46.6

88 17.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 56.674 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072322.D

Acq: 19 Mar 2022 07:26

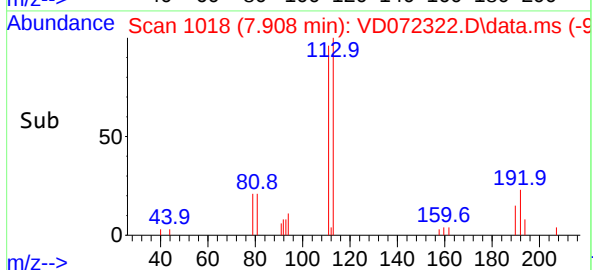
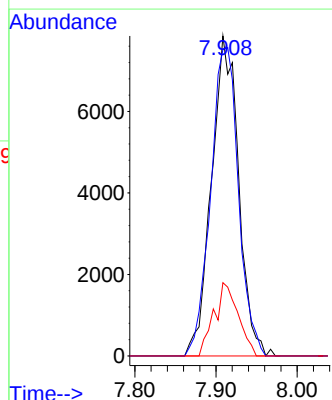
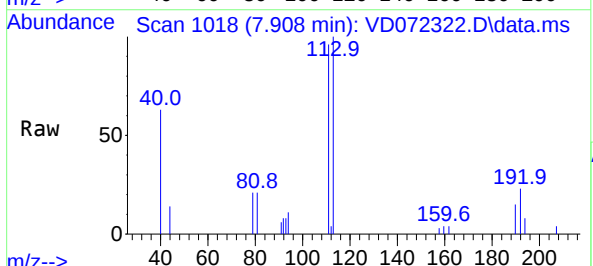
Tgt Ion:113 Resp: 18210

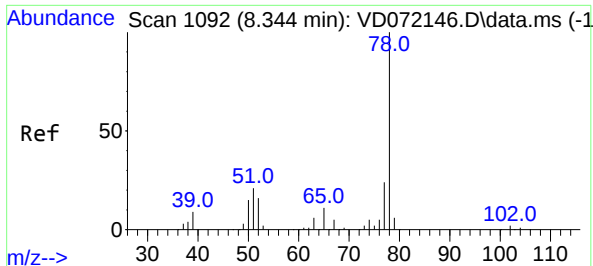
Ion Ratio Lower Upper

113 100

111 99.2 83.8 125.6

192 20.3 14.6 21.8

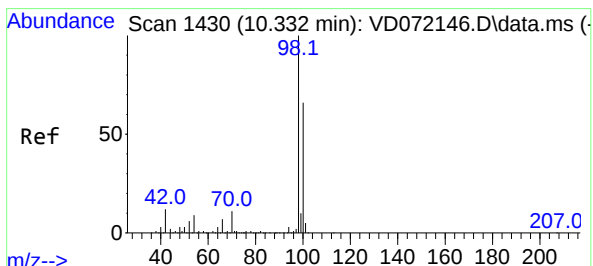
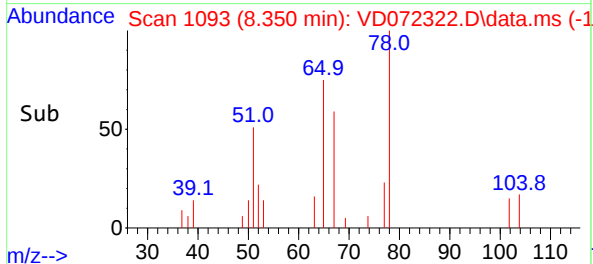
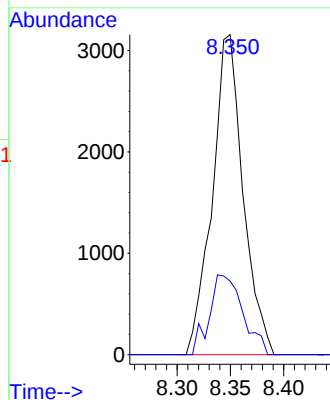
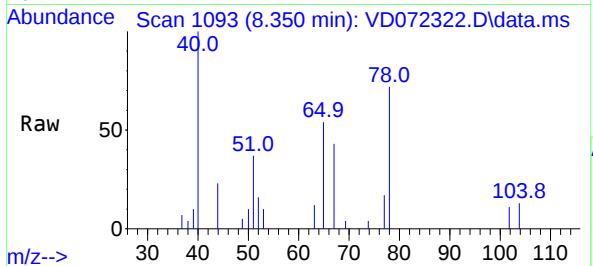




#40
Benzene
Concen: 4.926 ug/l
RT: 8.350 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

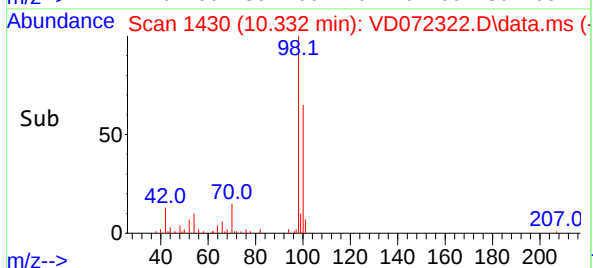
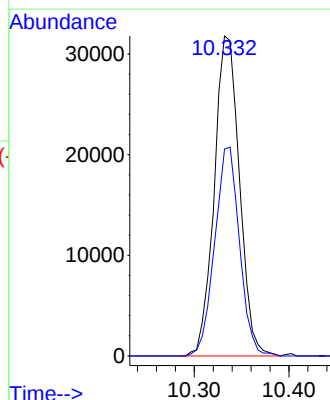
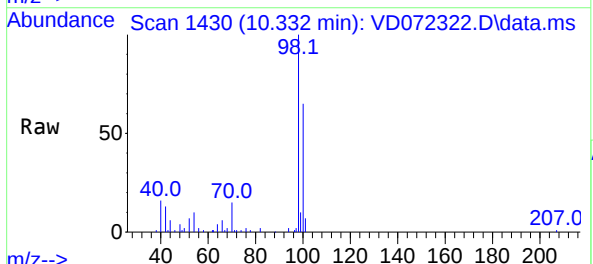
Instrument :
MSVOA_D
ClientSampleId :
G-2-4-5-6

Tgt Ion: 78 Resp: 6335
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7



#50
Toluene-d8
Concen: 50.123 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion: 98 Resp: 58889
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6

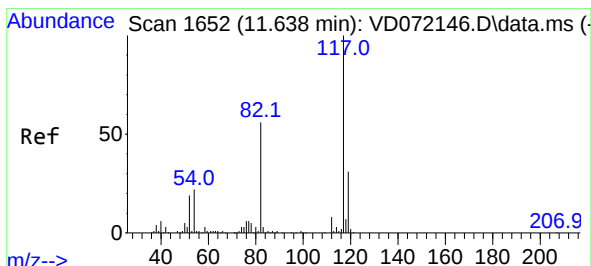
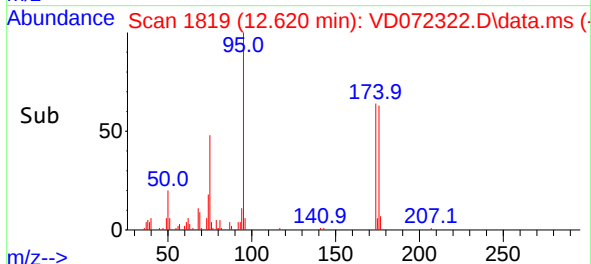
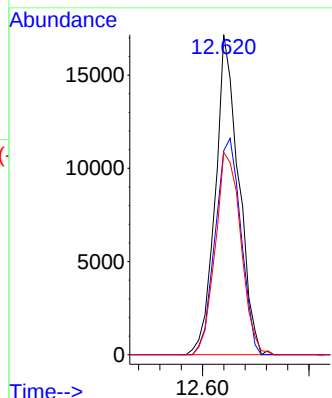
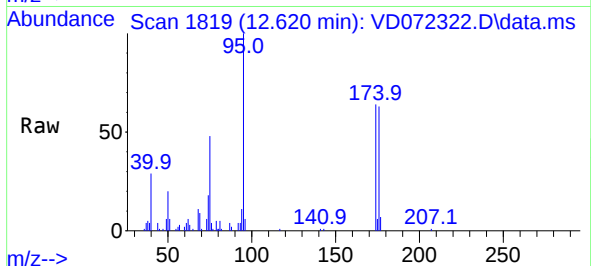




#62
4-Bromofluorobenzene
Concen: 57.009 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

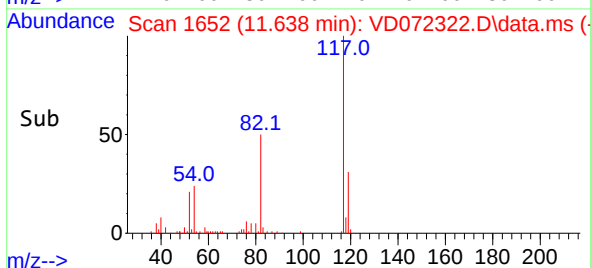
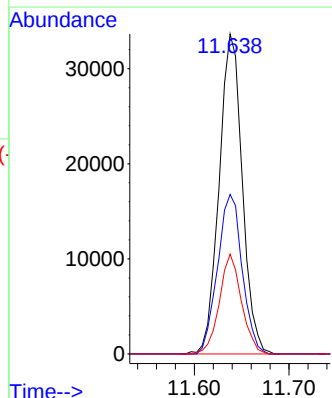
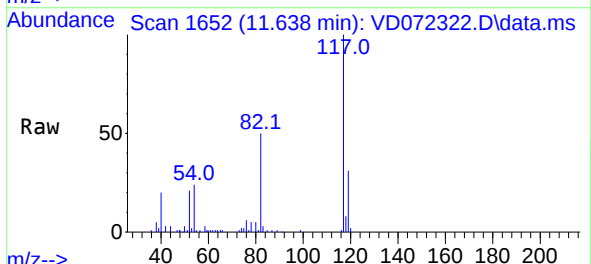
Instrument :
MSVOA_D
ClientSampleId :
G-2-4-5-6

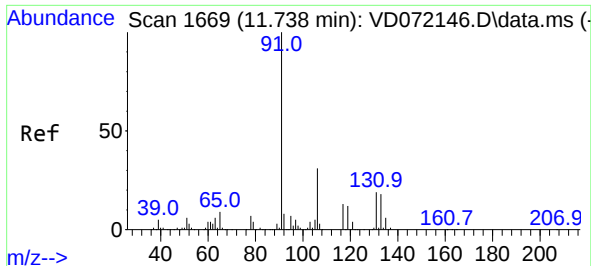
Tgt Ion:	95	Resp:	26025
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	152.8
176	69.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion:	117	Resp:	57161
Ion	Ratio	Lower	Upper
117	100		
82	49.8	45.3	67.9
119	31.2	26.6	40.0

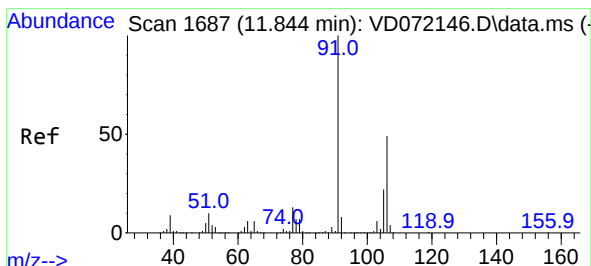
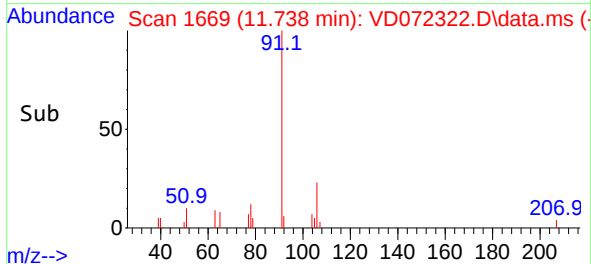
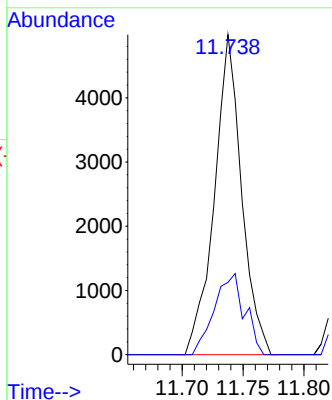
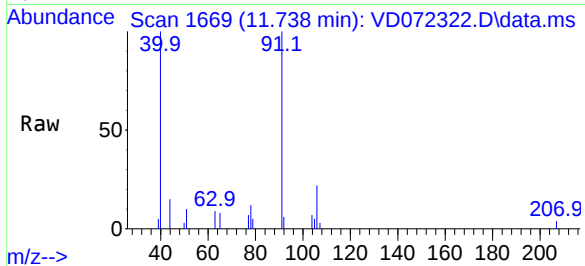




#67
Ethyl Benzene
Concen: 3.425 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

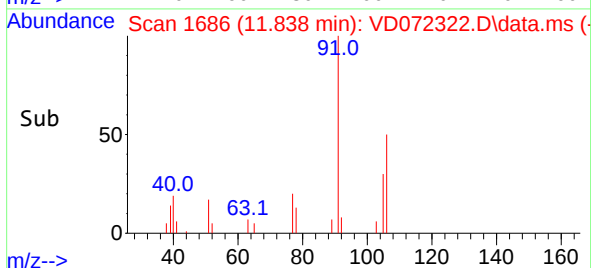
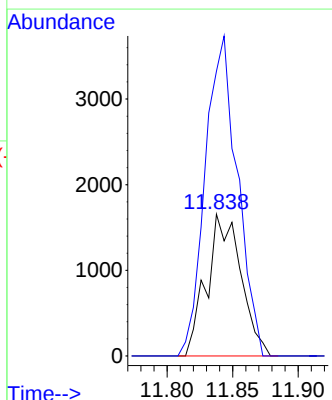
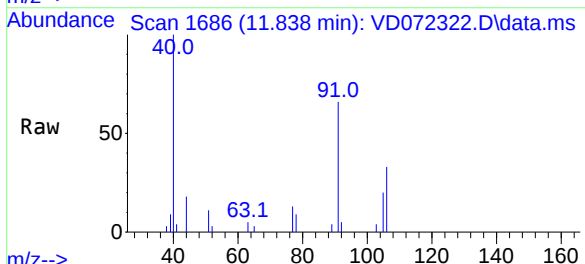
Instrument :
MSVOA_D
ClientSampleId :
G-2-4-5-6

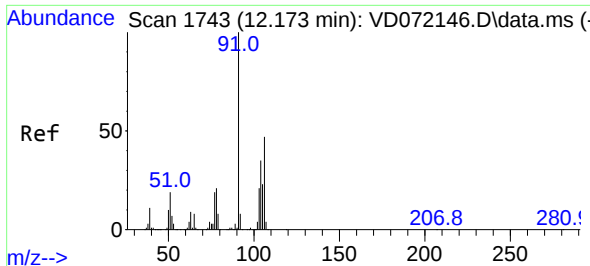
Tgt Ion: 91 Resp: 7751
Ion Ratio Lower Upper
91 100
106 22.6 24.2 36.4#



#68
m/p-Xylenes
Concen: 3.495 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion: 106 Resp: 3004
Ion Ratio Lower Upper
106 100
91 212.5 163.7 245.5

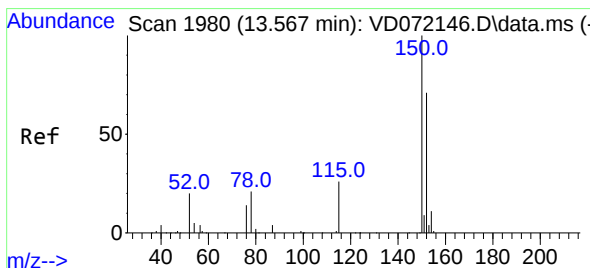
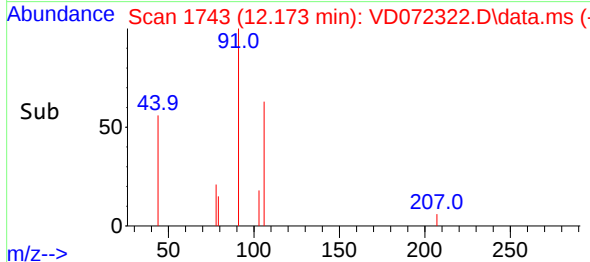
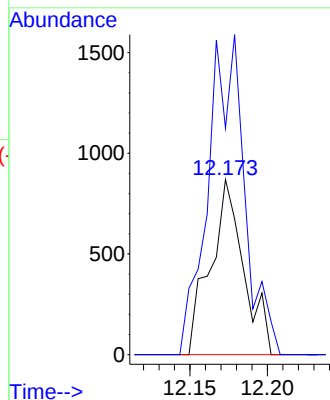
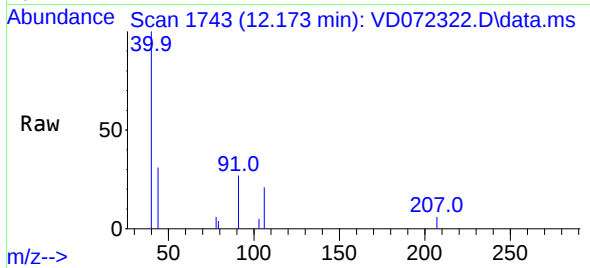




#69
o-Xylene
Concen: 1.580 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

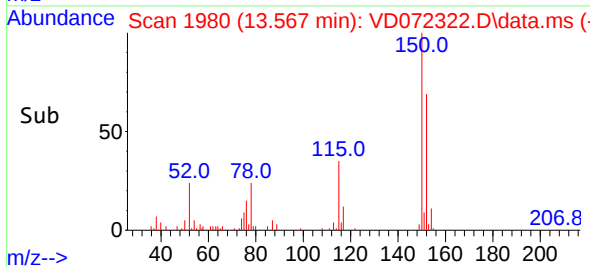
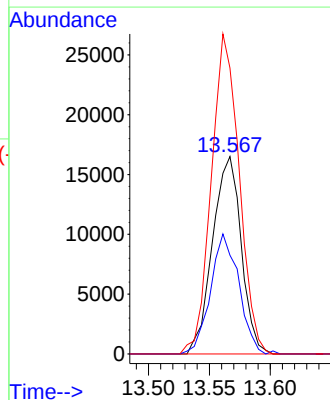
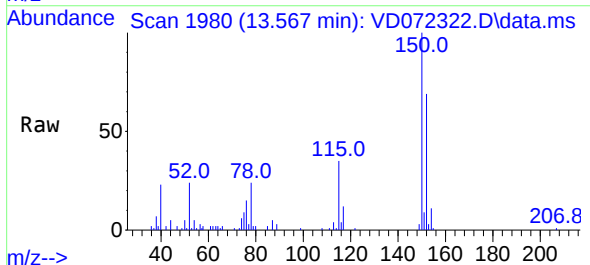
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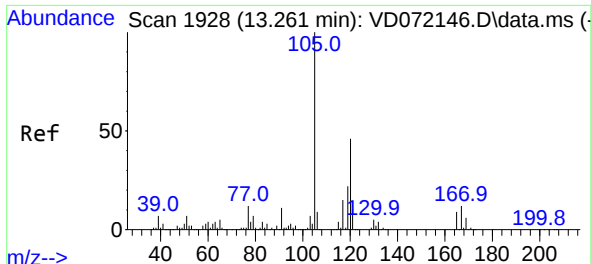
Tgt Ion:106 Resp: 1299
Ion Ratio Lower Upper
106 100
91 200.2 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion:152 Resp: 27074
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.2 0.0 348.6

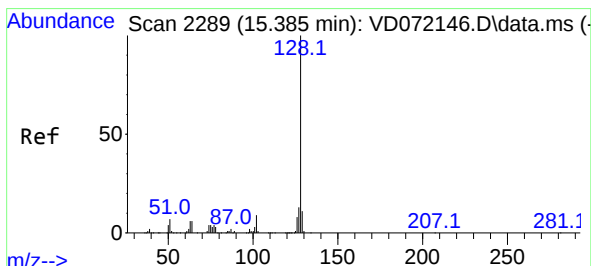
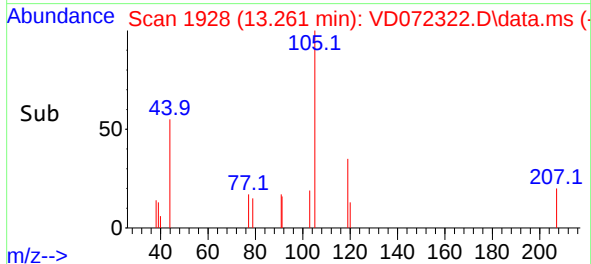
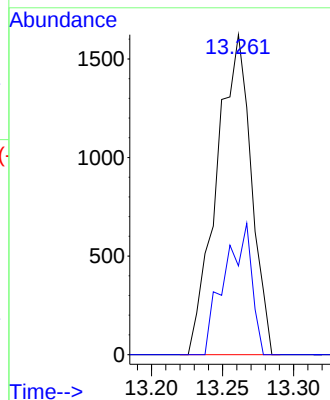
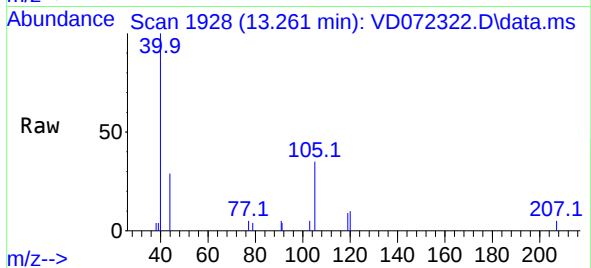




#84
1,2,4-Trimethylbenzene
Concen: 1.516 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Instrument :
MSVOA_D
ClientSampleId :
G-2-4-5-6

Tgt Ion:105 Resp: 2754
Ion Ratio Lower Upper
105 100
120 32.3 22.3 66.8



#95
Naphthalene
Concen: 17.850 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072322.D
Acq: 19 Mar 2022 07:26

Tgt Ion:128 Resp: 17975
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 11.5 8.4 12.6

