

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072344.D
 Acq On : 21 Mar 2022 17:04
 Operator : VA/SY
 Sample : N1962-10
 Misc : 6.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-23-25-28

Quant Time: Mar 22 02:12:51 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)

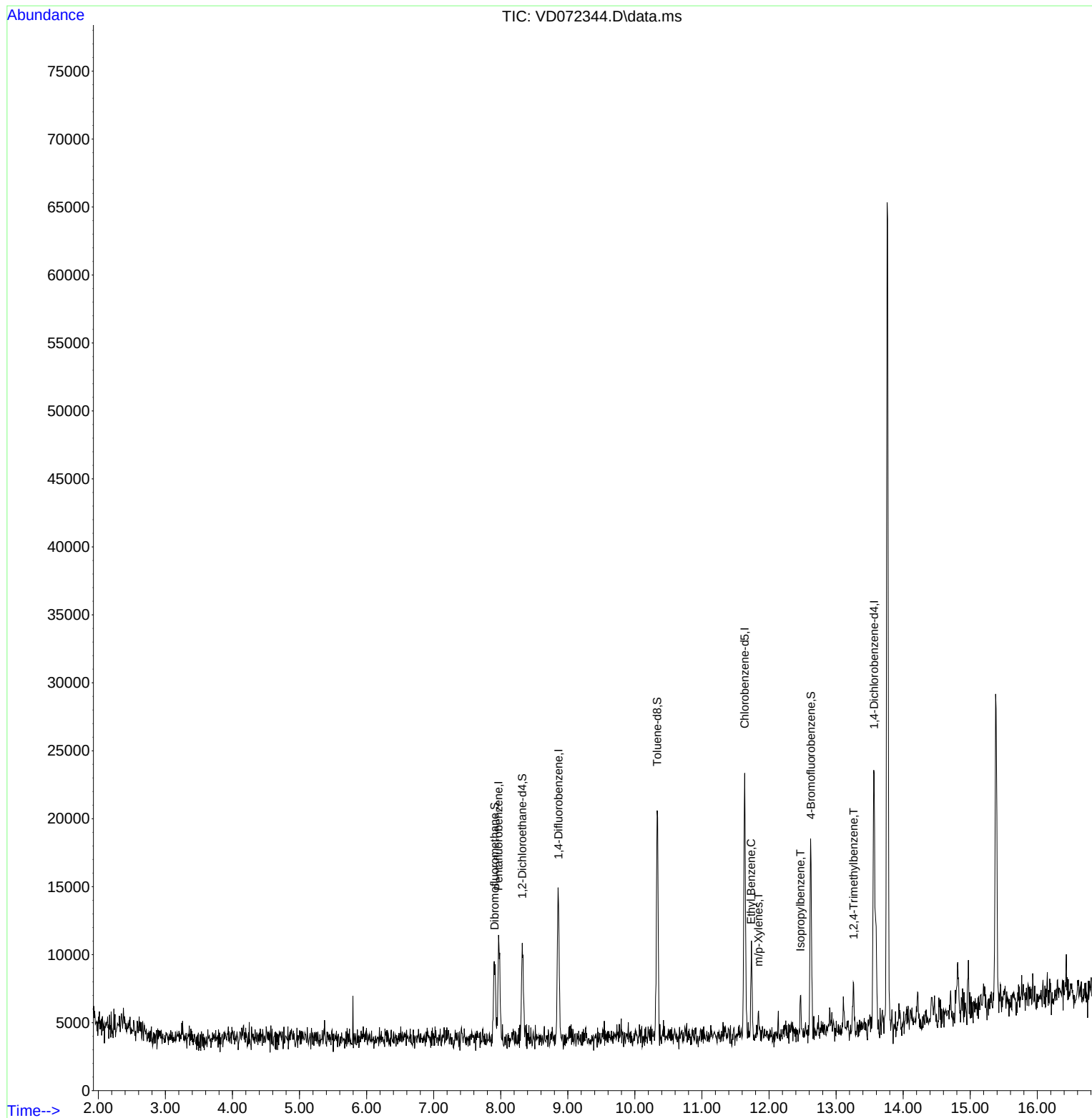
Internal Standards						
1) Pentafluorobenzene	7.967	168	5777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	9580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	11417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	5103	79.262	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.520%	
35) Dibromofluoromethane	7.909	113	4656	69.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.120%	
50) Toluene-d8	10.332	98	11320	45.922	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.840%	
62) 4-Bromofluorobenzene	12.626	95	5145	53.717	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.440%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.732	91	4407	9.749	ug/l	99
68) m/p-Xylenes	11.844	106	624	3.635	ug/l	91
73) Isopropylbenzene	12.467	105	1983	4.551	ug/l	89
84) 1,2,4-Trimethylbenzene	13.261	105	2770	7.511	ug/l	75

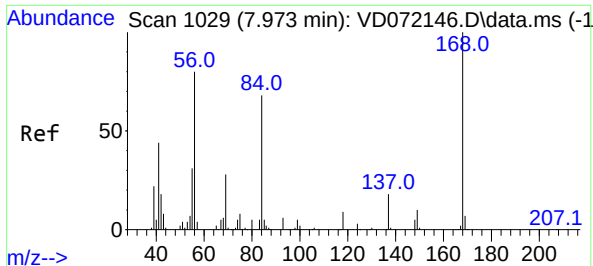
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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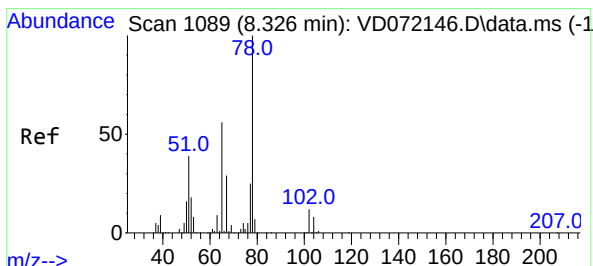
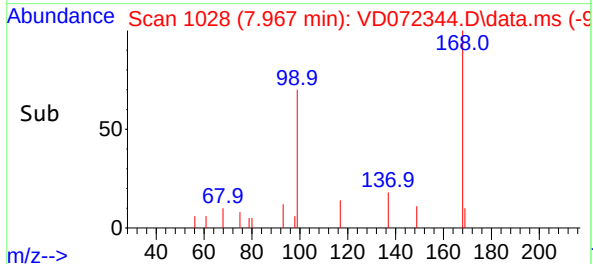
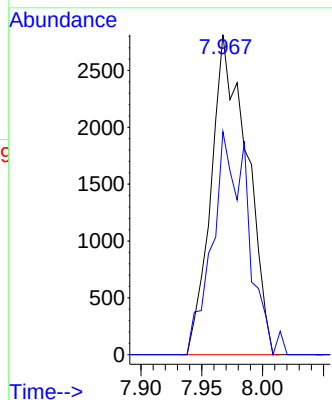
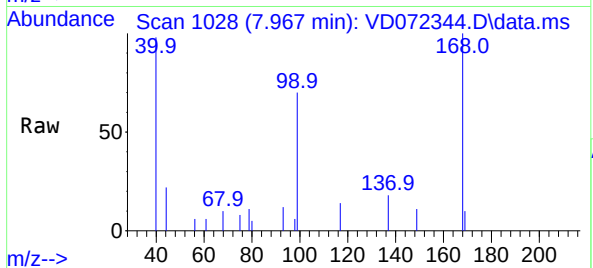




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

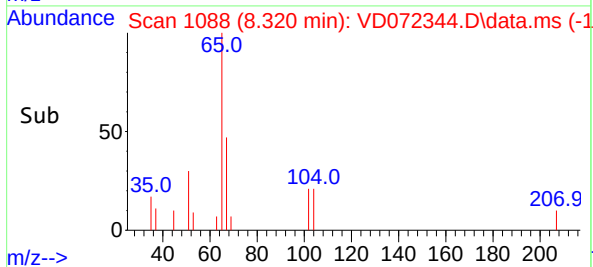
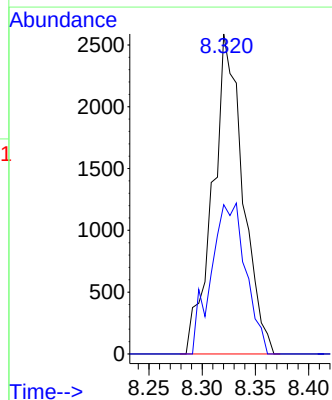
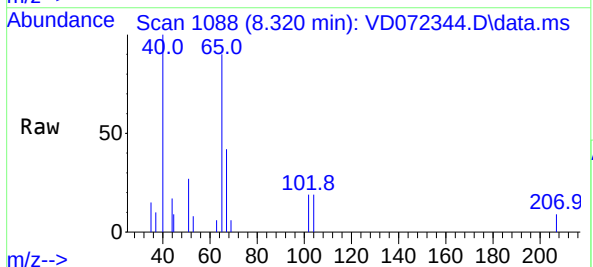
Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

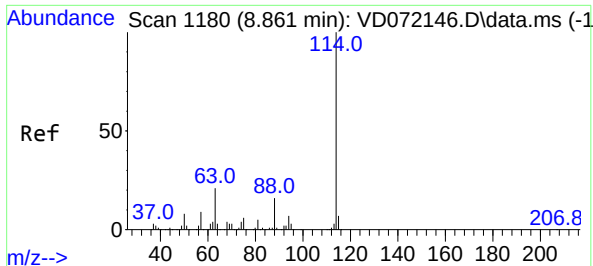
Tgt Ion:168 Resp: 5777
Ion Ratio Lower Upper
168 100
99 69.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 79.262 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Tgt Ion: 65 Resp: 5103
Ion Ratio Lower Upper
65 100
67 54.2 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: VD072344.D

Acq: 21 Mar 2022 17:04

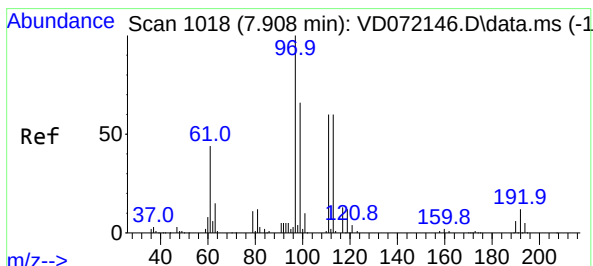
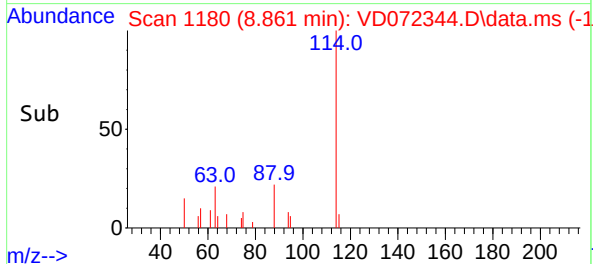
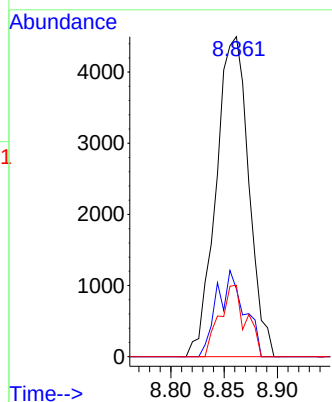
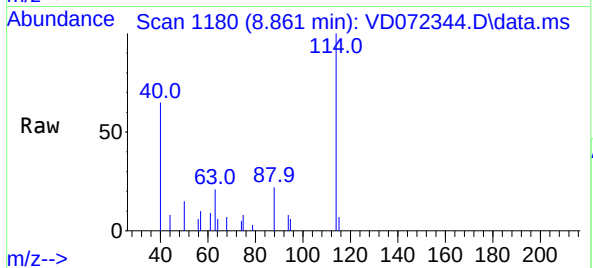
Instrument :

MSVOA_D

ClientSampleId :

C-23-25-28

Tgt Ion:	114	Resp:	9580
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	46.6
88	22.3	0.0	33.2



#35

Dibromofluoromethane

Concen: 69.065 ug/l

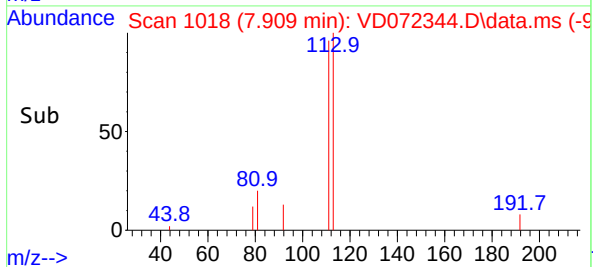
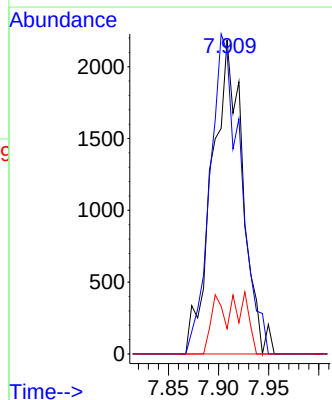
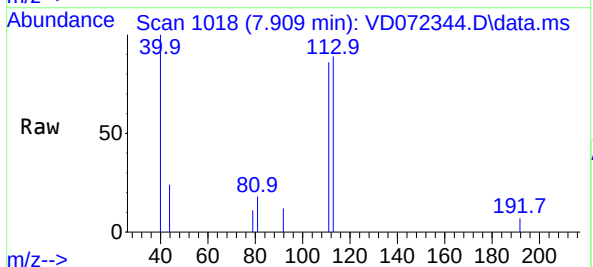
RT: 7.909 min Scan# 1018

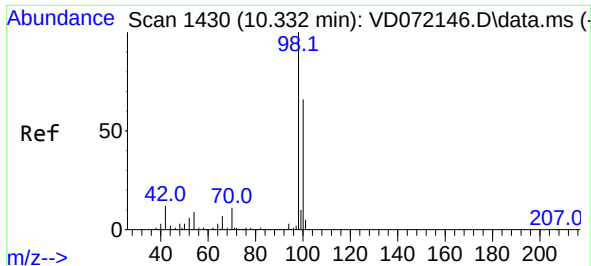
Delta R.T. 0.000 min

Lab File: VD072344.D

Acq: 21 Mar 2022 17:04

Tgt Ion:	113	Resp:	4656
Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.8	125.6
192	8.3	14.6	21.8

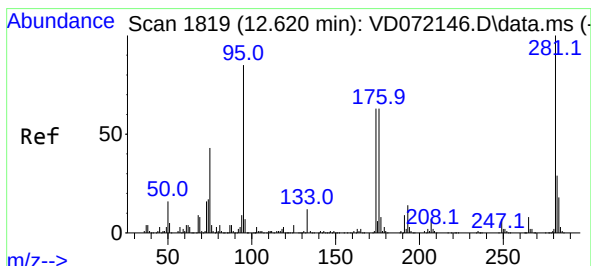
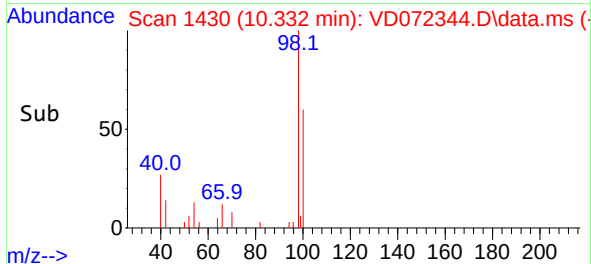
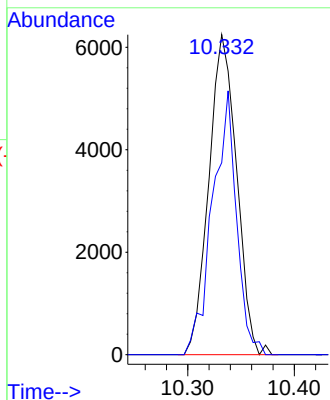
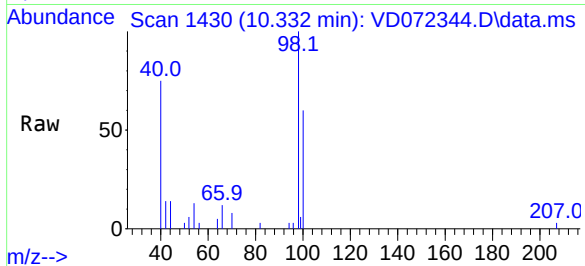




#50
Toluene-d8
Concen: 45.922 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

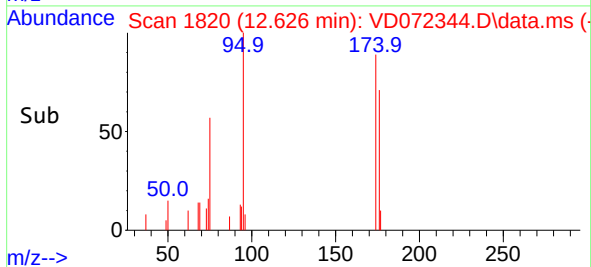
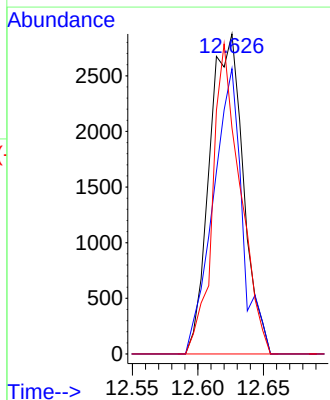
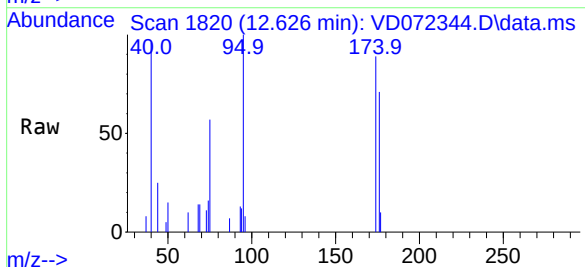
Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

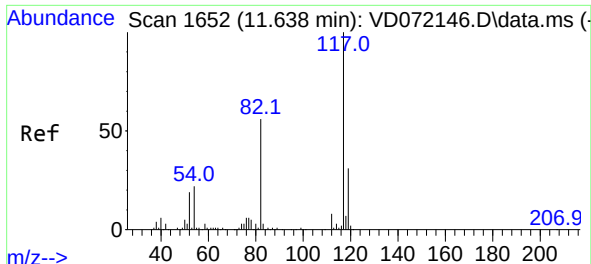
Tgt Ion: 98 Resp: 11320
Ion Ratio Lower Upper
98 100
100 71.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.717 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Tgt Ion: 95 Resp: 5145
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 79.5 0.0 145.4

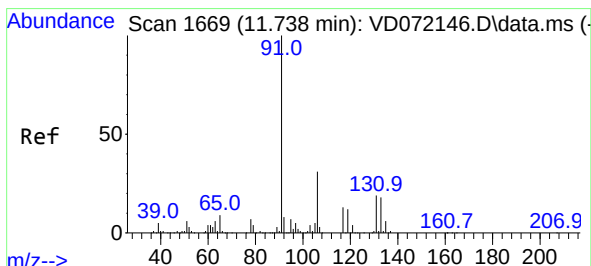
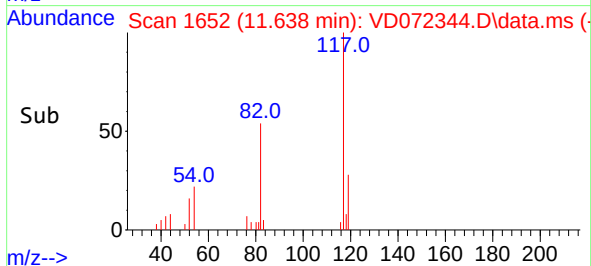
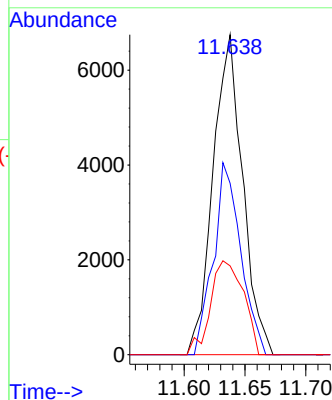
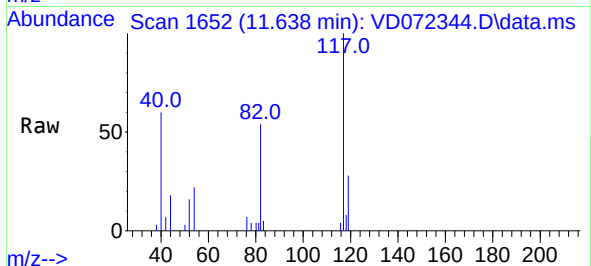




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

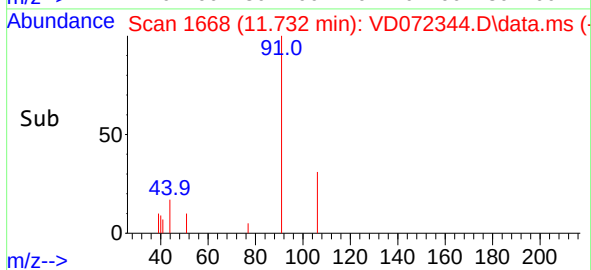
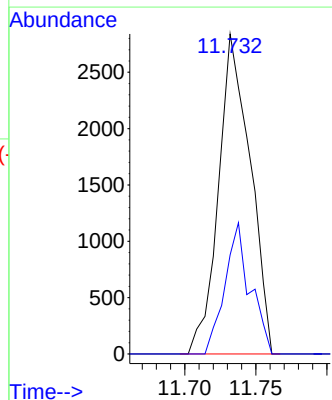
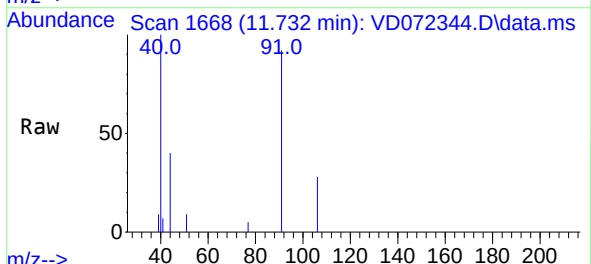
Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

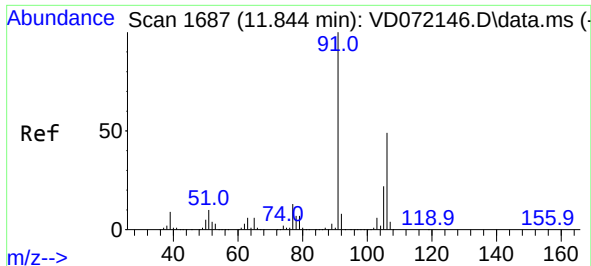
Tgt Ion:117 Resp: 11417
Ion Ratio Lower Upper
117 100
82 53.6 45.3 67.9
119 27.8 26.6 40.0



#67
Ethyl Benzene
Concen: 9.749 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Tgt Ion: 91 Resp: 4407
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

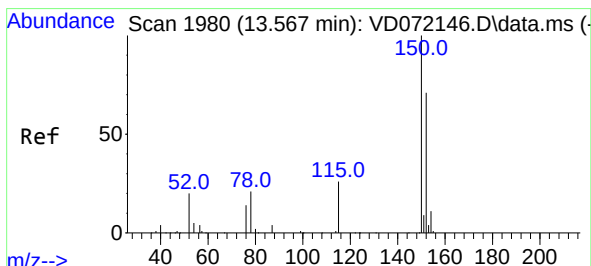
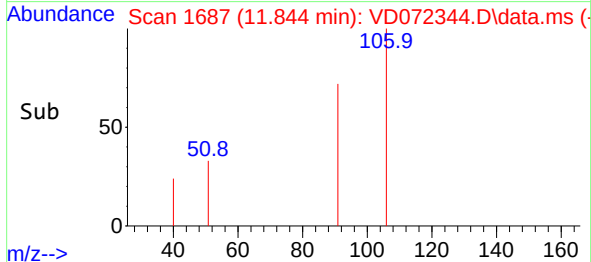
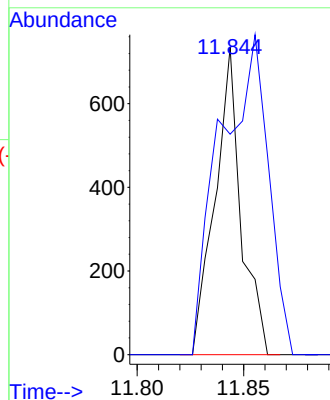
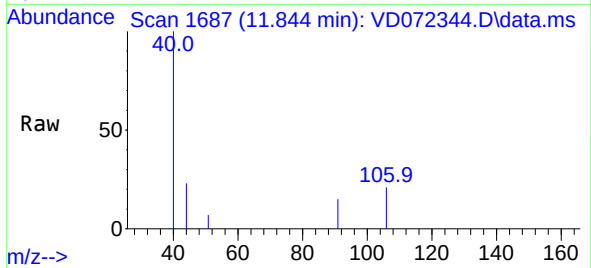




#68
m/p-Xylenes
Concen: 3.635 ug/l
RT: 11.844 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

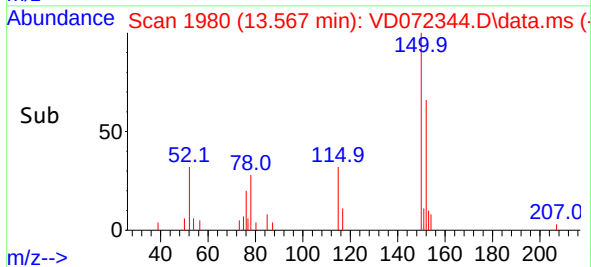
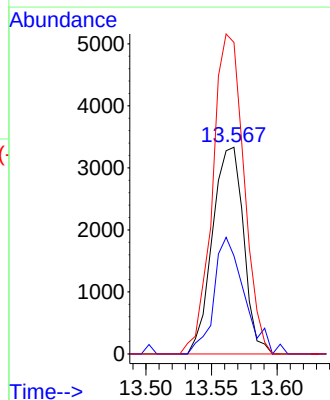
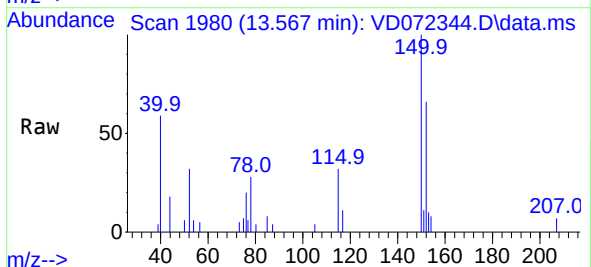
Instrument :
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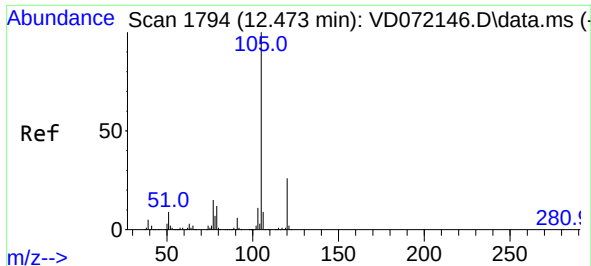
Tgt Ion:106 Resp: 624
Ion Ratio Lower Upper
106 100
91 191.2 163.7 245.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Tgt Ion:152 Resp: 5498
Ion Ratio Lower Upper
152 100
115 55.3 31.3 93.8
150 156.2 0.0 348.6

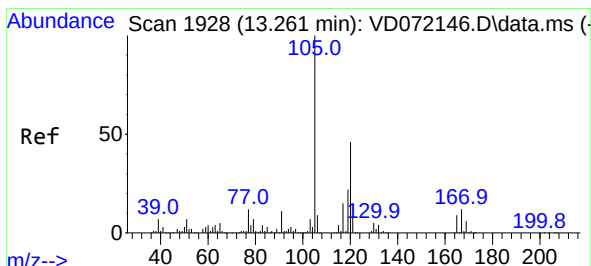
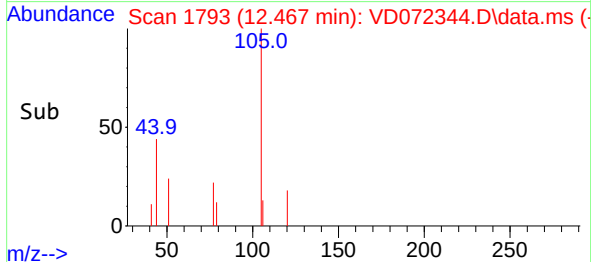
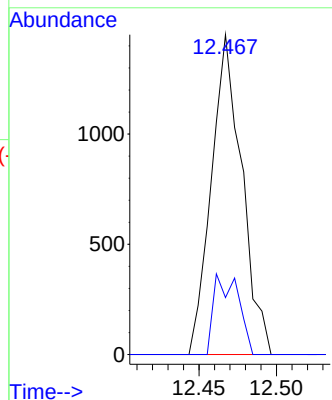
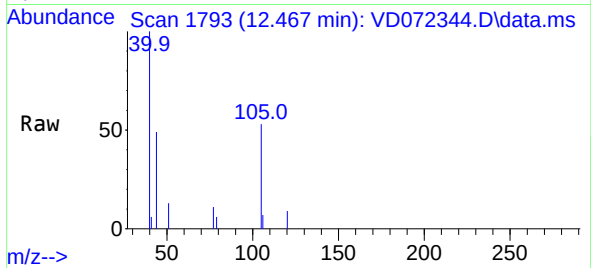




#73
Isopropylbenzene
Concen: 4.551 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

Tgt Ion:105 Resp: 1983
Ion Ratio Lower Upper
105 100
120 20.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 7.511 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD072344.D
Acq: 21 Mar 2022 17:04

Tgt Ion:105 Resp: 2770
Ion Ratio Lower Upper
105 100
120 28.1 22.3 66.8

