

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072304.D
 Acq On : 18 Mar 2022 21:59
 Operator : VA/SY
 Sample : N1962-10
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Mar 19 05:29:47 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)

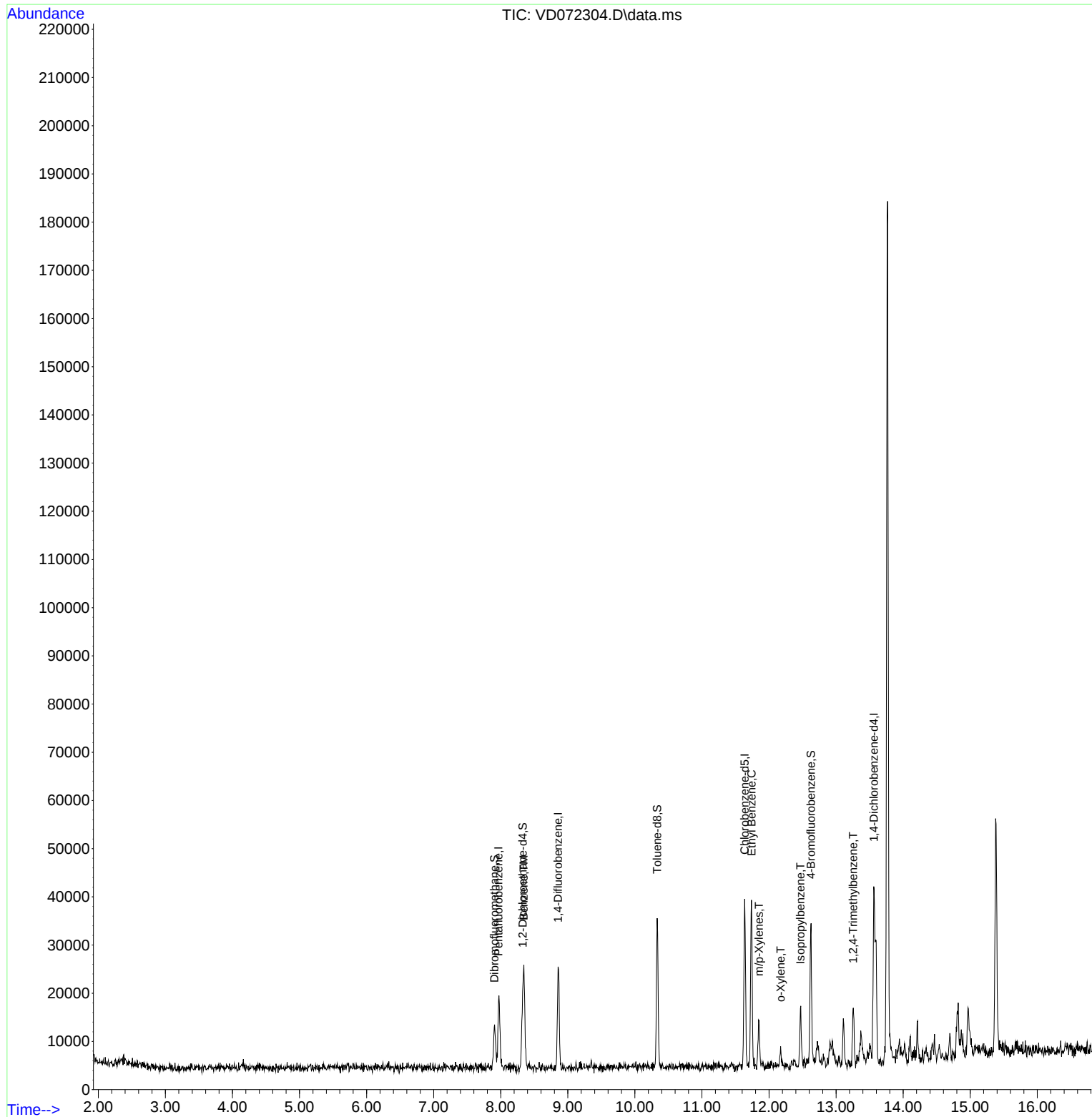
Internal Standards						
1) Pentafluorobenzene	7.967	168	10098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	17504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	19407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	9845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7249	64.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.820%	
35) Dibromofluoromethane	7.903	113	6732	54.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.300%	
50) Toluene-d8	10.332	98	20177	44.798	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.600%	
62) 4-Bromofluorobenzene	12.626	95	9226	52.719	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.440%	
Target Compounds						
					Qvalue	
40) Benzene	8.344	78	17254	34.999	ug/l	91
67) Ethyl Benzene	11.738	91	23287	30.304	ug/l	94
68) m/p-Xylenes	11.849	106	3364	11.529	ug/l #	67
69) o-Xylene	12.173	106	1040	3.726	ug/l	87
73) Isopropylbenzene	12.467	105	7927	10.161	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	6778	10.263	ug/l	93

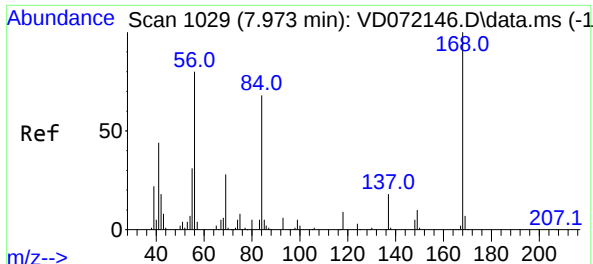
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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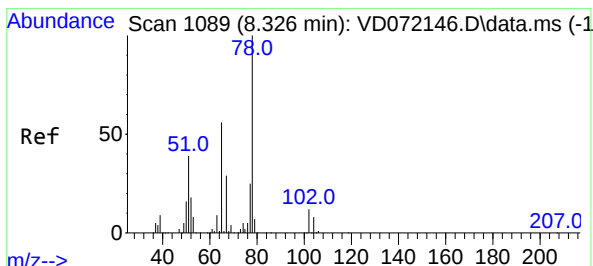
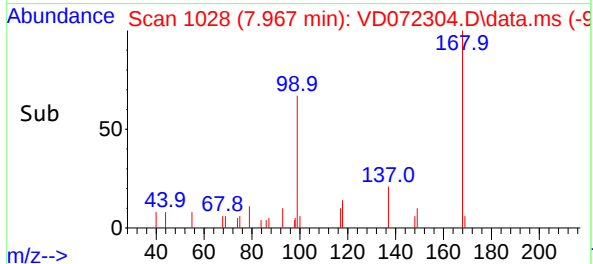
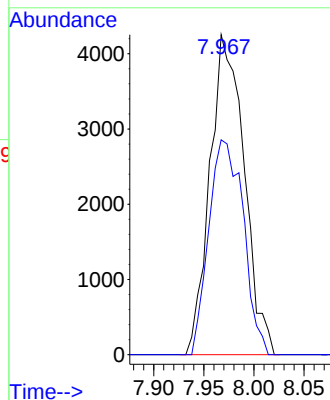
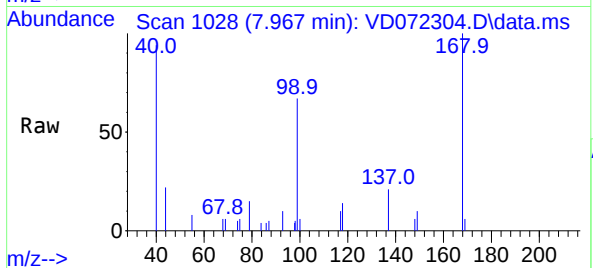




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

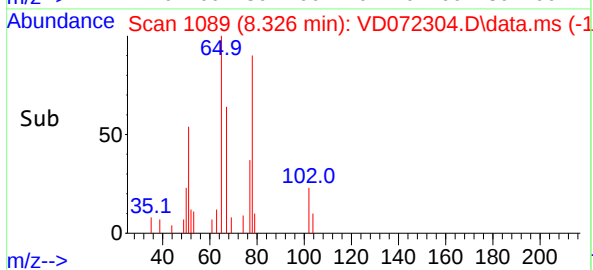
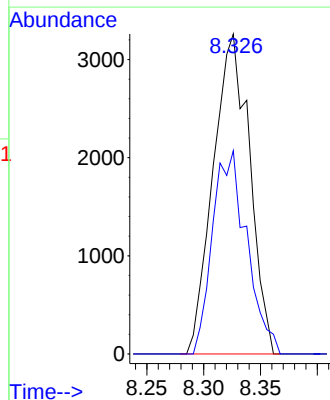
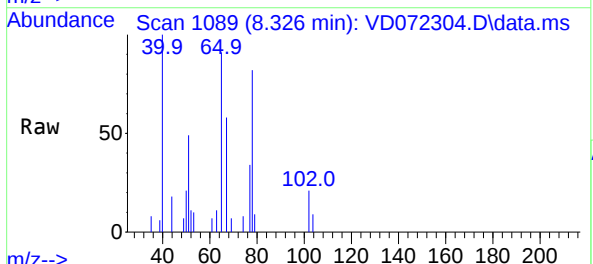
Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

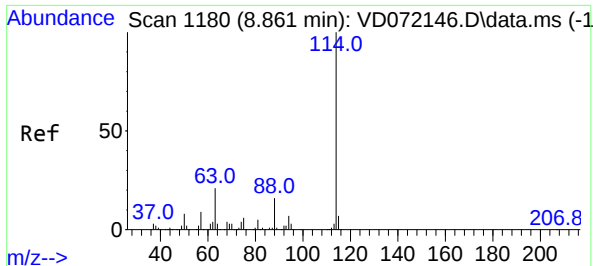
Tgt Ion:168 Resp: 10098
Ion Ratio Lower Upper
168 100
99 67.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 64.415 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

Tgt Ion: 65 Resp: 7249
Ion Ratio Lower Upper
65 100
67 59.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072304.D

Acq: 18 Mar 2022 21:59

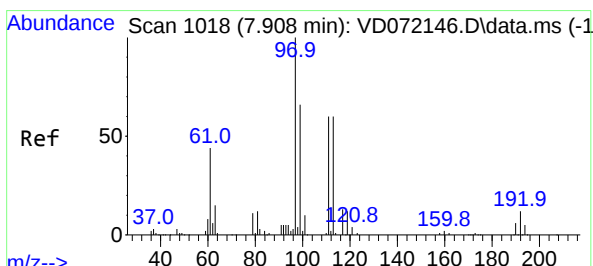
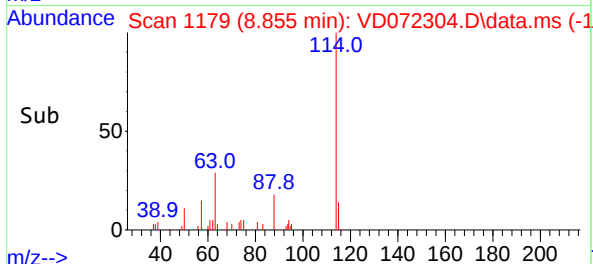
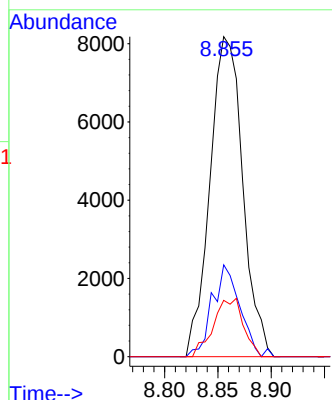
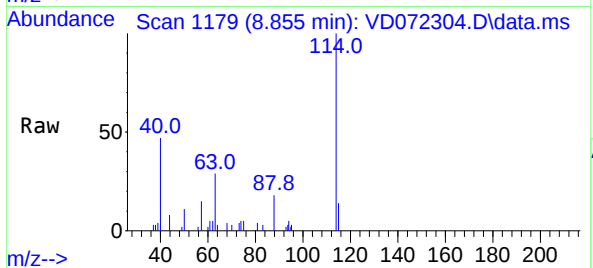
Instrument :

MSVOA_D

ClientSampleId :

C-23-25-28

Tgt Ion:	114	Resp:	17504
Ion	Ratio	Lower	Upper
114	100		
63	28.7	0.0	46.6
88	17.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 54.653 ug/l

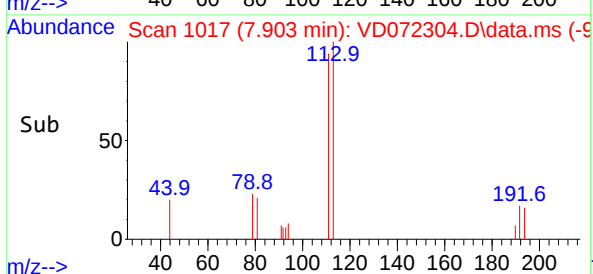
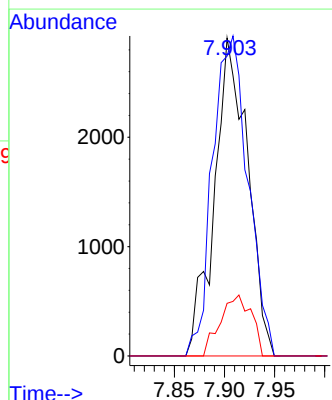
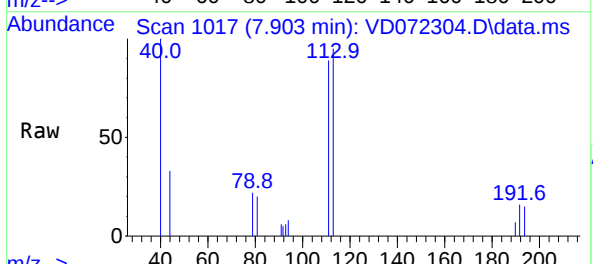
RT: 7.903 min Scan# 1017

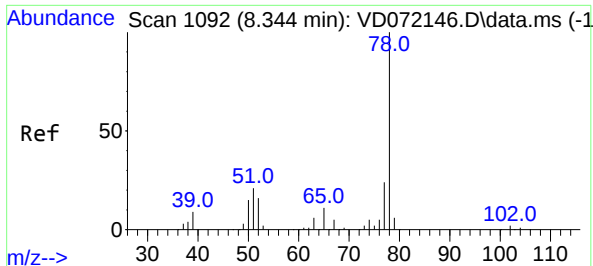
Delta R.T. -0.006 min

Lab File: VD072304.D

Acq: 18 Mar 2022 21:59

Tgt Ion:	113	Resp:	6732
Ion	Ratio	Lower	Upper
113	100		
111	106.7	83.8	125.6
192	17.8	14.6	21.8

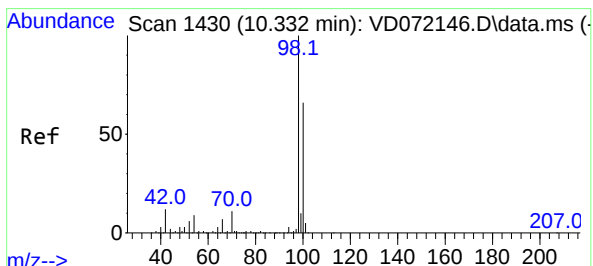
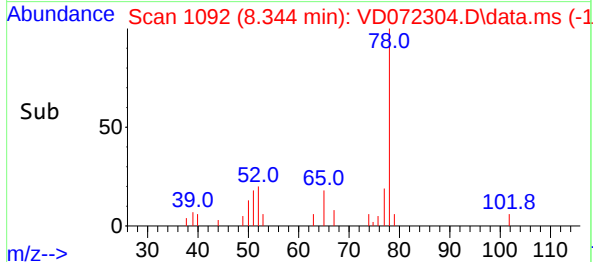
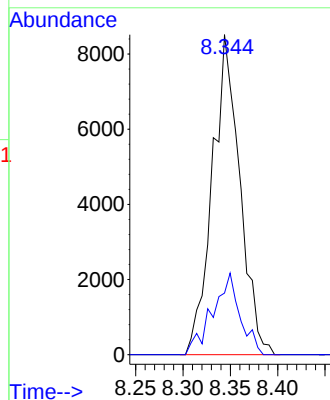
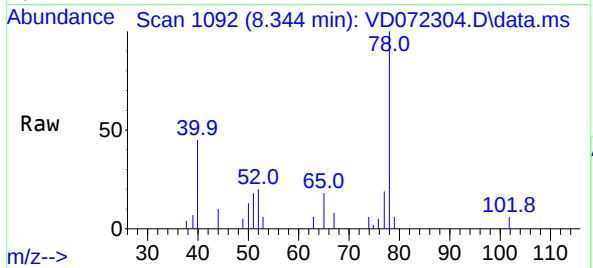




#40
Benzene
Concen: 34.999 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

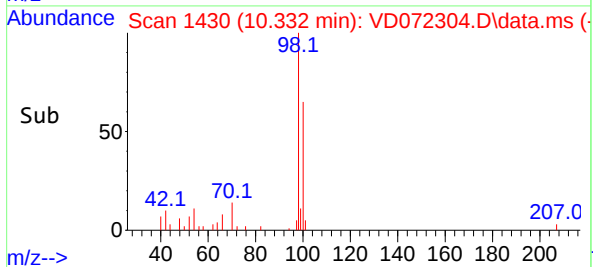
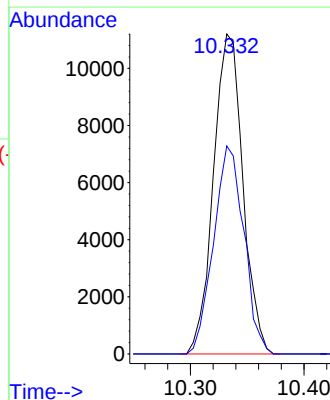
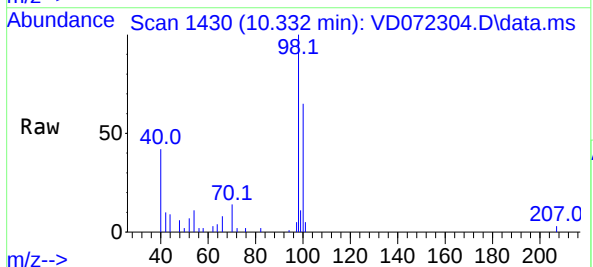
Instrument :
MSVOA_D
ClientSampleId :
C-23-25-28

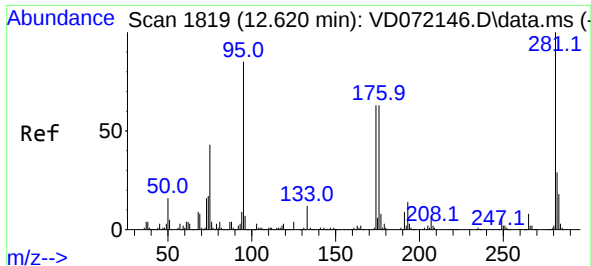
Tgt Ion: 78 Resp: 17254
Ion Ratio Lower Upper
78 100
77 19.2 19.1 28.7



#50
Toluene-d8
Concen: 44.798 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

Tgt Ion: 98 Resp: 20177
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 52.719 ug/l

RT: 12.626 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD072304.D

Acq: 18 Mar 2022 21:59

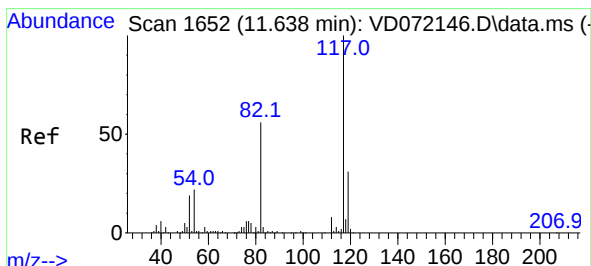
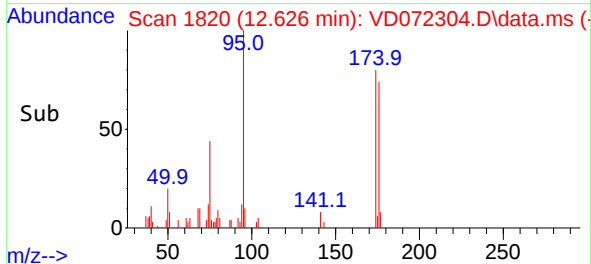
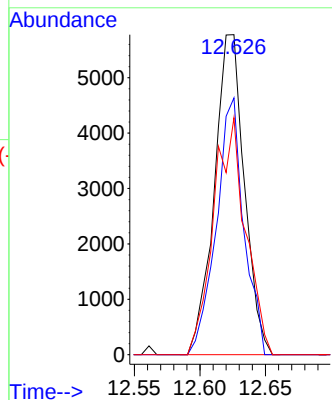
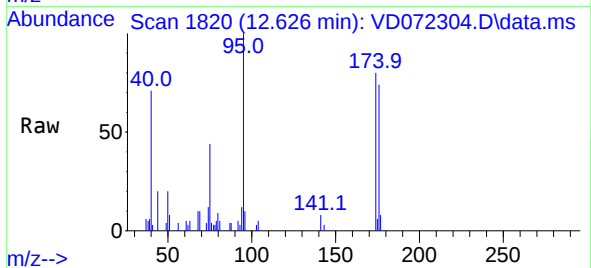
Instrument :

MSVOA_D

ClientSampleId :

C-23-25-28

Tgt Ion:	95	Resp:	9226
Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	152.8
176	78.6	0.0	145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

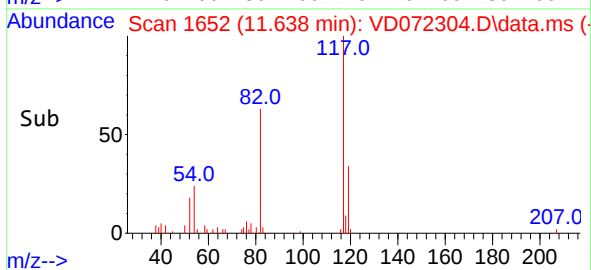
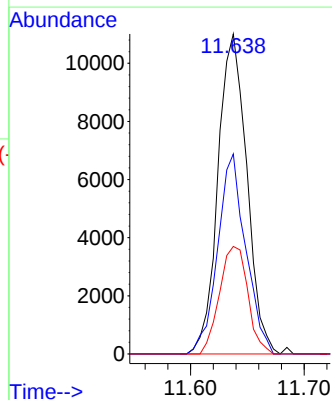
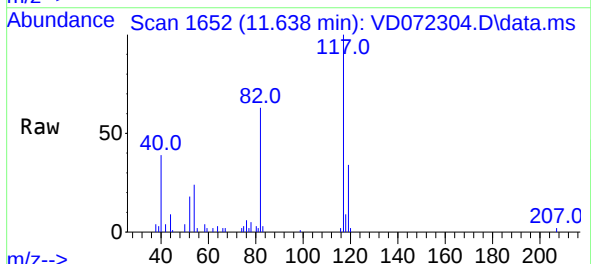
RT: 11.638 min Scan# 1652

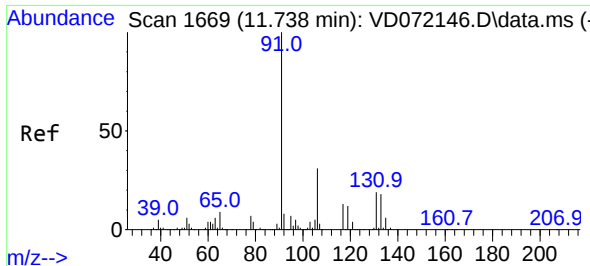
Delta R.T. 0.000 min

Lab File: VD072304.D

Acq: 18 Mar 2022 21:59

Tgt Ion:	117	Resp:	19407
Ion	Ratio	Lower	Upper
117	100		
82	62.5	45.3	67.9
119	33.6	26.6	40.0

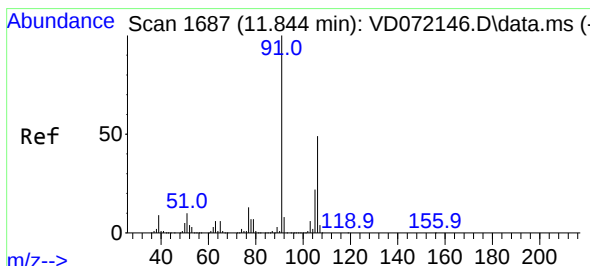
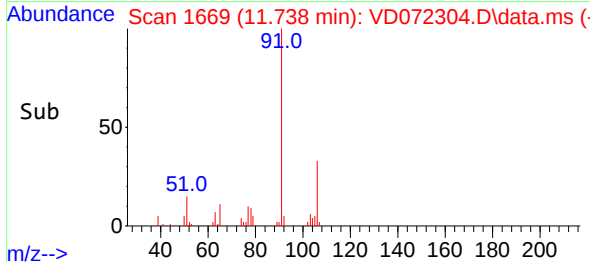
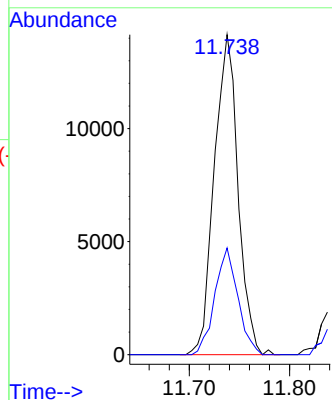
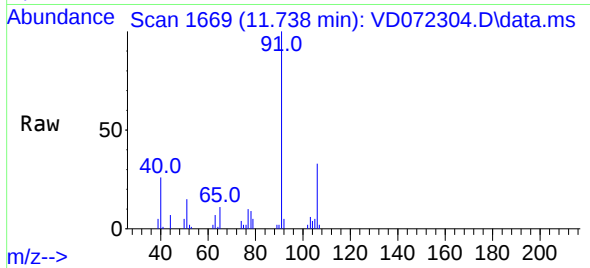




#67
Ethyl Benzene
Concen: 30.304 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

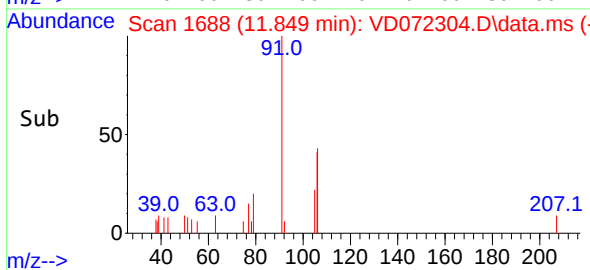
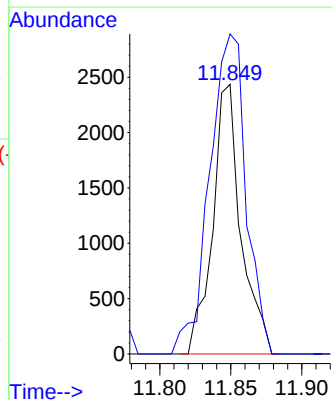
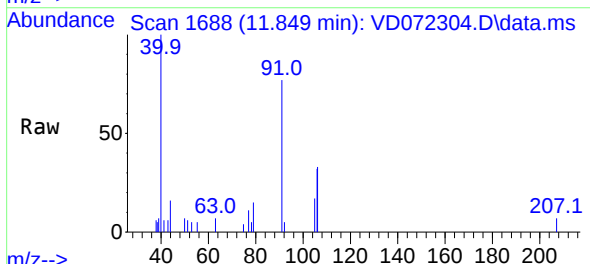
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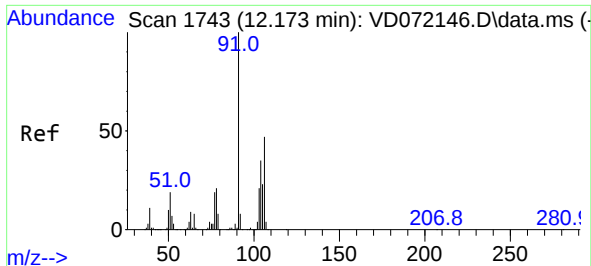
Tgt Ion: 91 Resp: 23287
Ion Ratio Lower Upper
91 100
106 33.3 24.2 36.4



#68
m/p-Xylenes
Concen: 11.529 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

Tgt Ion: 106 Resp: 3364
Ion Ratio Lower Upper
106 100
91 153.3 163.7 245.5#

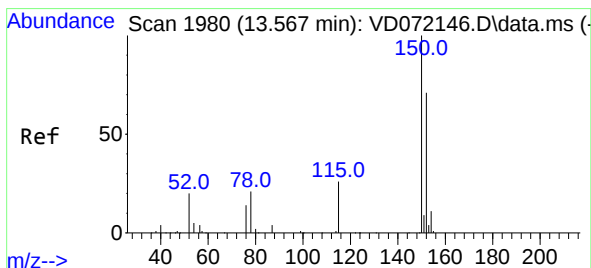
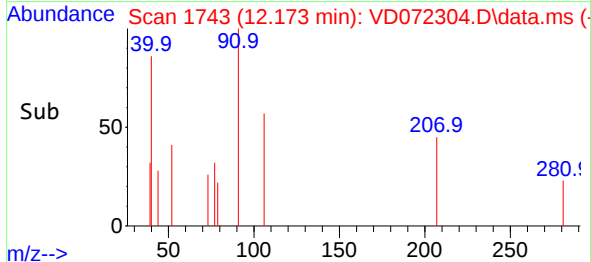
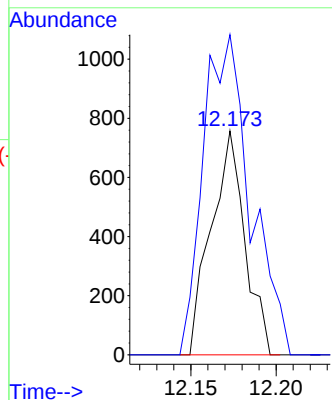
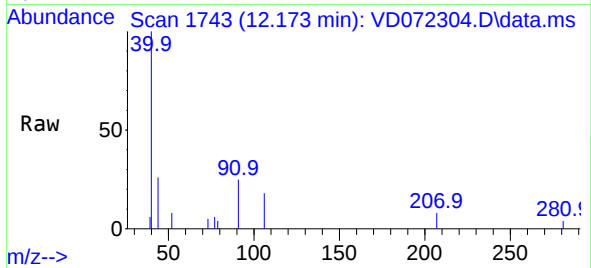




#69
o-Xylene
Concen: 3.726 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

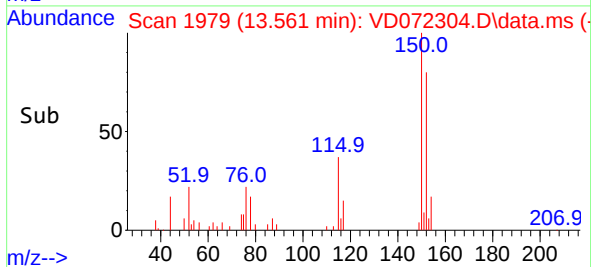
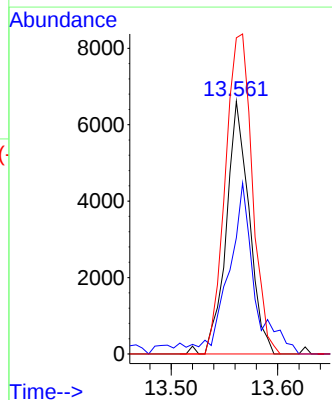
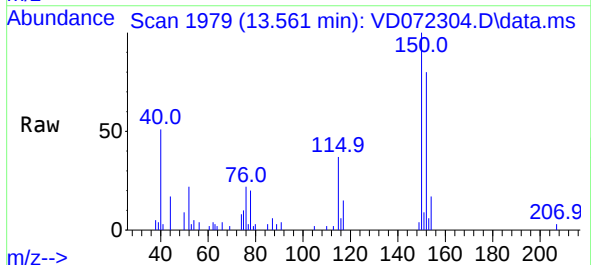
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C-23-25-28

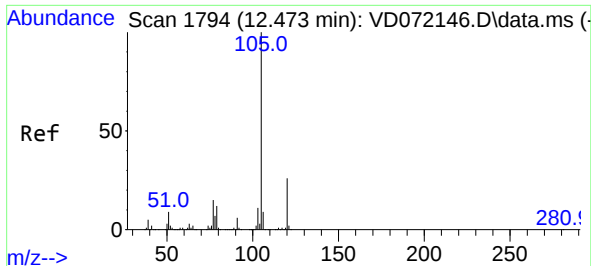
Tgt Ion:106 Resp: 1040
Ion Ratio Lower Upper
106 100
91 200.2 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

Tgt Ion:152 Resp: 9845
Ion Ratio Lower Upper
152 100
115 74.5 31.3 93.8
150 149.3 0.0 348.6

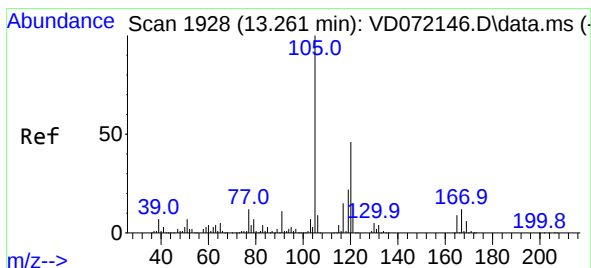
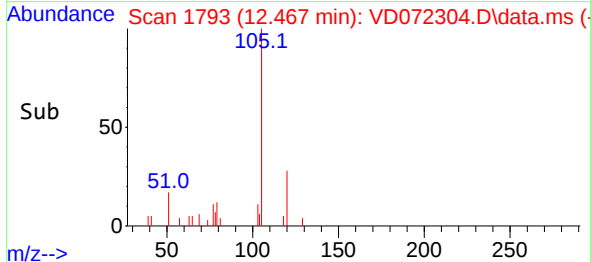
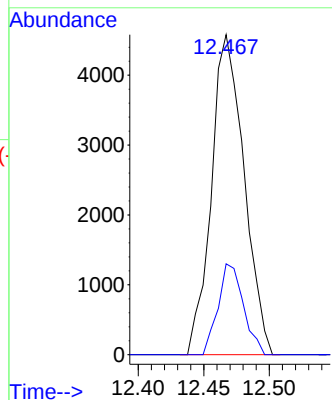
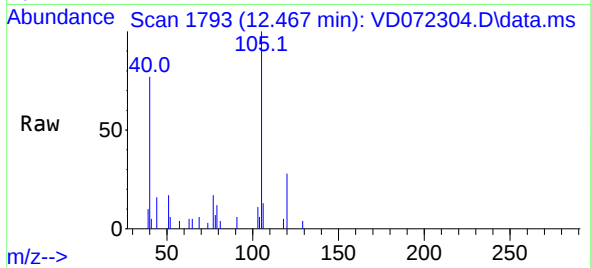




#73
Isopropylbenzene
Concen: 10.161 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

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

Tgt Ion:105 Resp: 7927
Ion Ratio Lower Upper
105 100
120 22.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 10.263 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072304.D
Acq: 18 Mar 2022 21:59

Tgt Ion:105 Resp: 6778
Ion Ratio Lower Upper
105 100
120 49.0 22.3 66.8

