

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072897.D
 Acq On : 09 May 2022 18:19
 Operator : VA/SY
 Sample : N2680-06
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B3-6-8

Quant Time: May 10 01:36:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

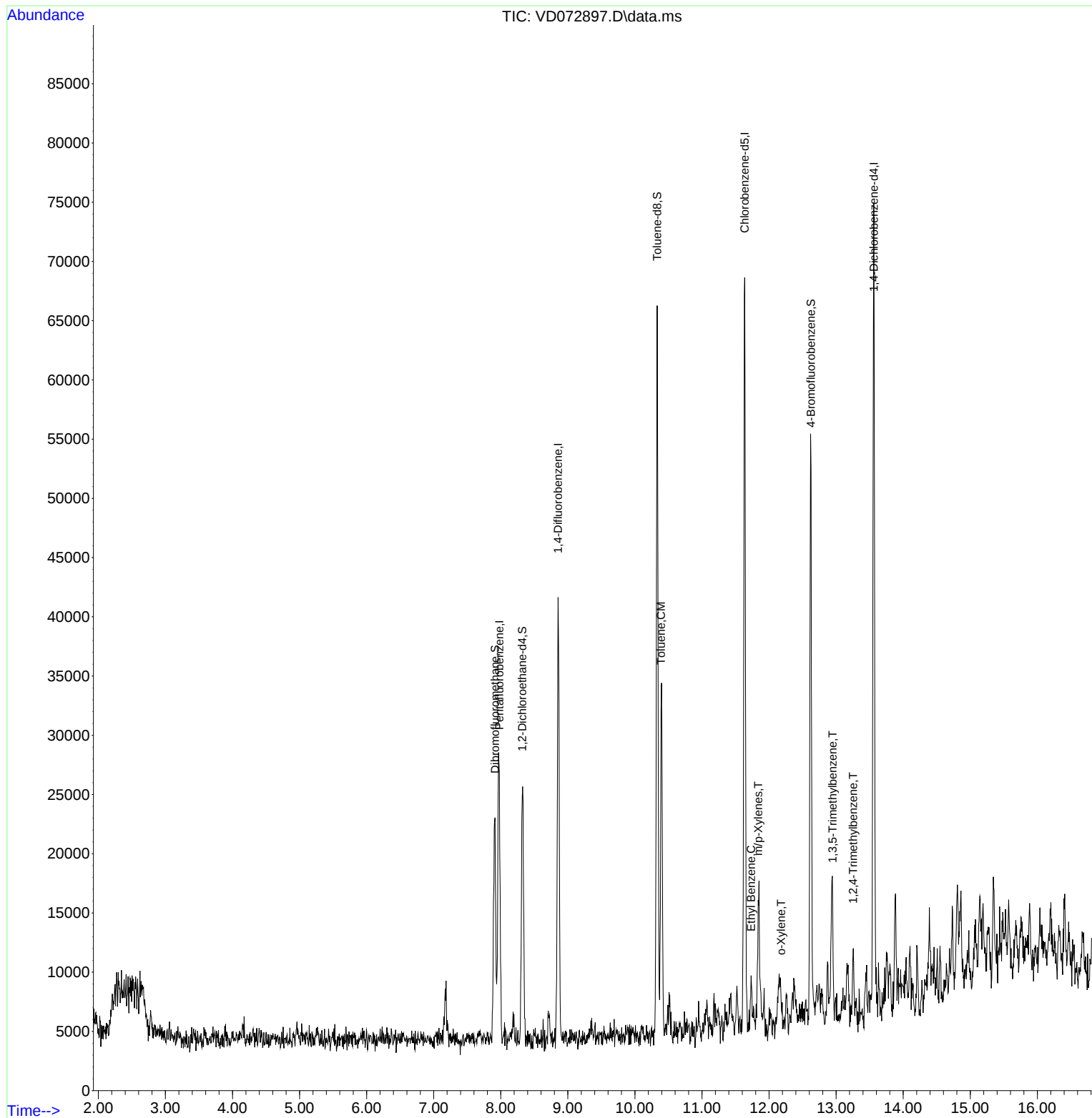
Internal Standards						
1) Pentafluorobenzene	7.979	168	17619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	28977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	35949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	16593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	16478	72.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.100%	
35) Dibromofluoromethane	7.914	113	14504	71.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.540%	
50) Toluene-d8	10.332	98	38017	52.078	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.626	95	16280	59.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.620%	
Target Compounds						
					Qvalue	
52) Toluene	10.391	92	12276	20.593	ug/l	100
67) Ethyl Benzene	11.732	91	2725	1.894	ug/l #	88
68) m/p-Xylenes	11.838	106	1882	3.395	ug/l	85
69) o-Xylene	12.179	106	817	1.578	ug/l	67
80) 1,3,5-Trimethylbenzene	12.949	105	1198	1.094	ug/l	75
84) 1,2,4-Trimethylbenzene	13.255	105	3524	3.221	ug/l	95

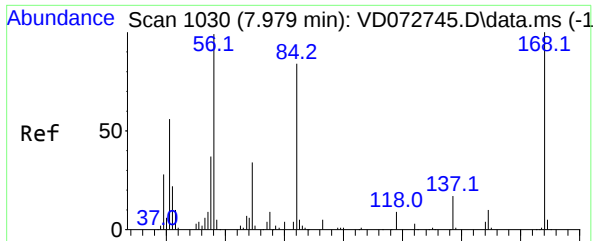
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072897.D

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Instrument :

MSVOA_D

ClientSampleId :

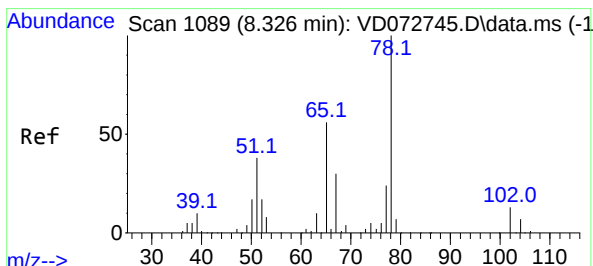
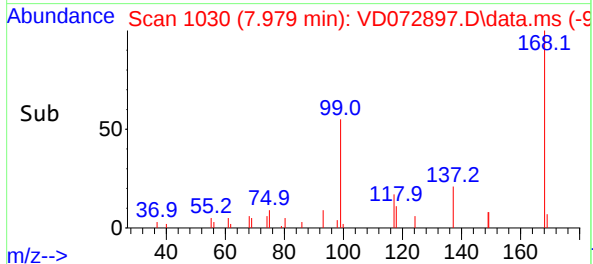
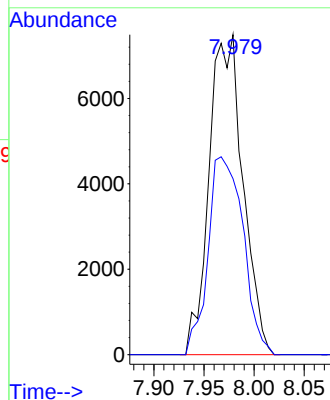
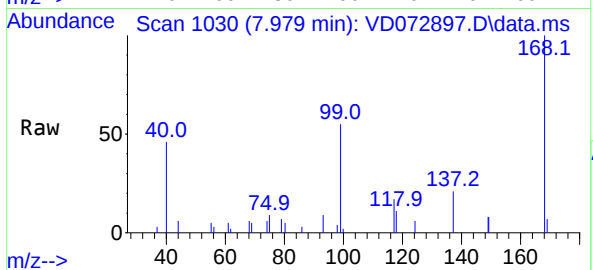
B3-6-8

Tgt Ion:168 Resp: 17619

Ion Ratio Lower Upper

168 100

99 55.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 72.048 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072897.D

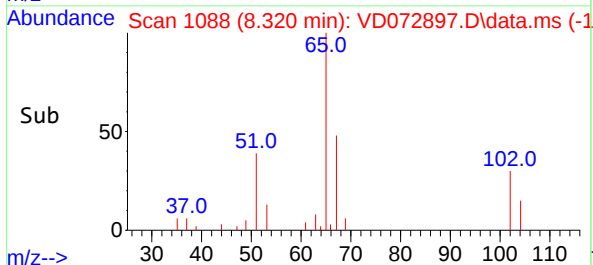
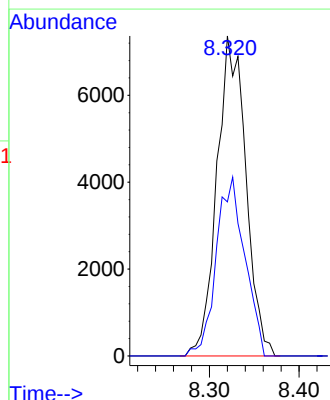
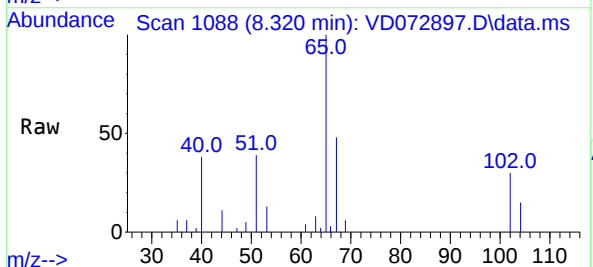
Acq: 09 May 2022 18:19

Tgt Ion: 65 Resp: 16478

Ion Ratio Lower Upper

65 100

67 55.1 0.0 101.4

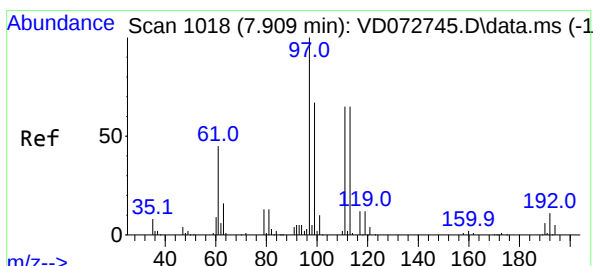
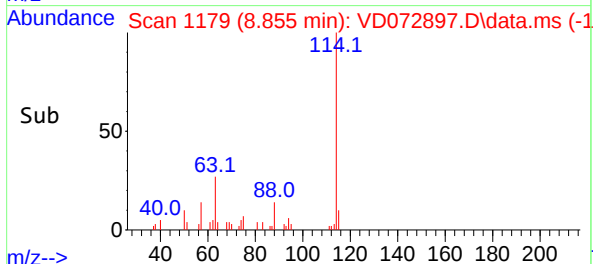
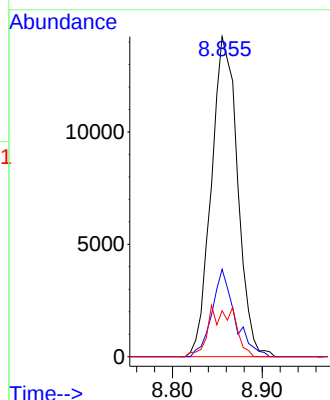
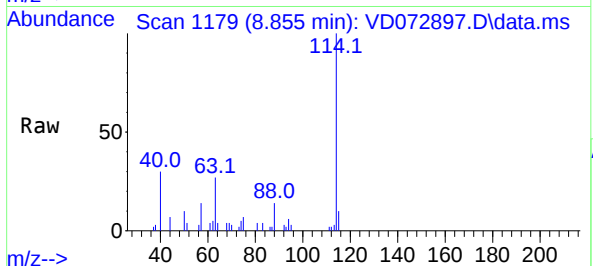




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

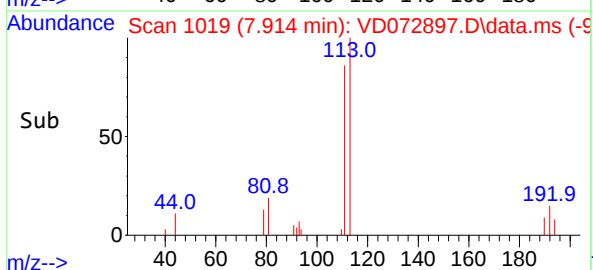
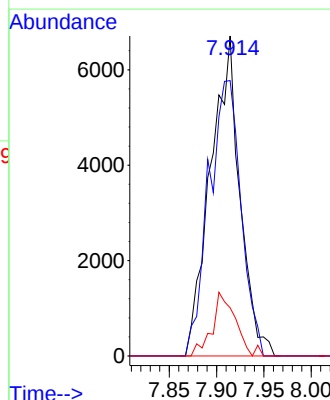
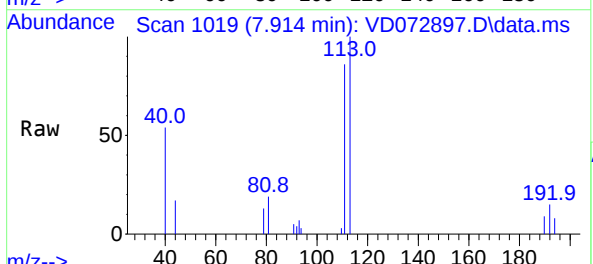
Instrument :
MSVOA_D
ClientSampleId :
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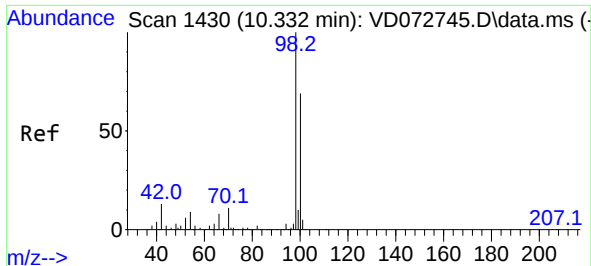
Tgt Ion:	114	Resp:	28977
Ion	Ratio	Lower	Upper
114	100		
63	27.3	0.0	46.6
88	14.3	0.0	33.2



#35
Dibromofluoromethane
Concen: 71.270 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.005 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion:	113	Resp:	14504
Ion	Ratio	Lower	Upper
113	100		
111	94.5	83.8	125.6
192	15.3	14.6	21.8

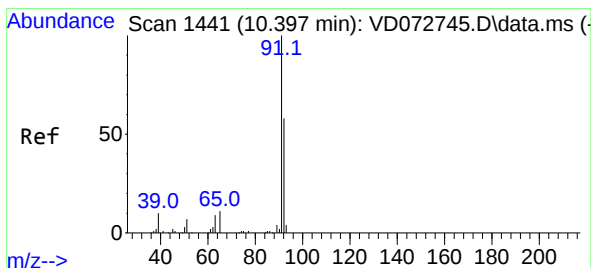
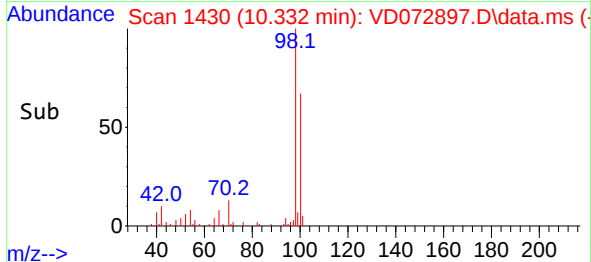
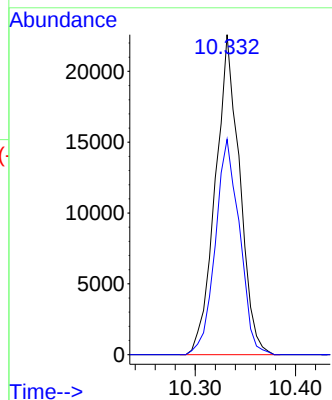
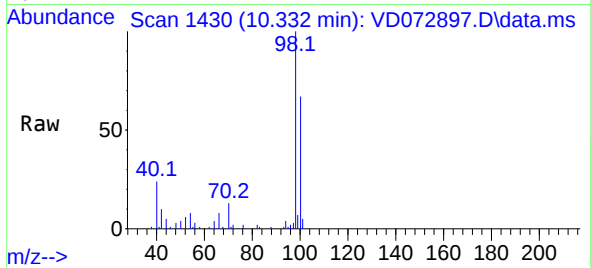




#50
Toluene-d8
Concen: 52.078 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

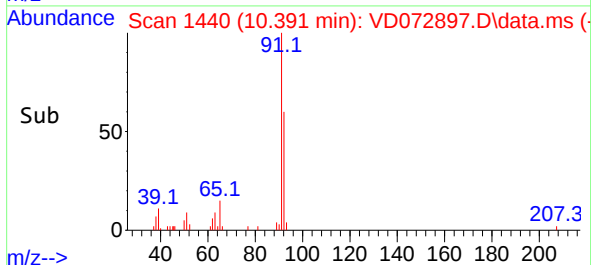
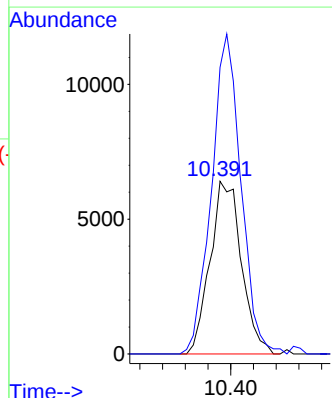
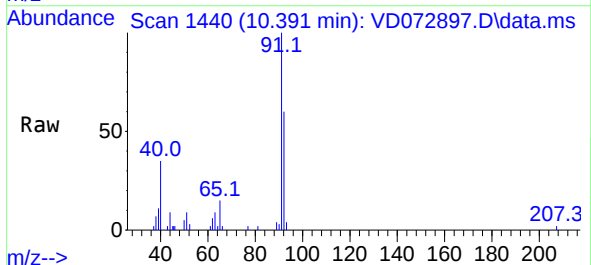
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

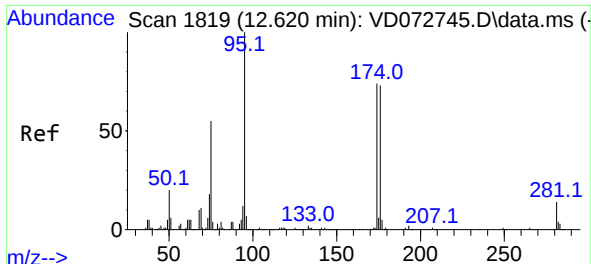
Tgt Ion: 98 Resp: 38017
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#52
Toluene
Concen: 20.593 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion: 92 Resp: 12276
Ion Ratio Lower Upper
92 100
91 174.3 139.6 209.4

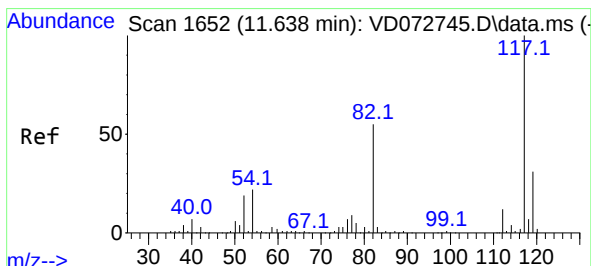
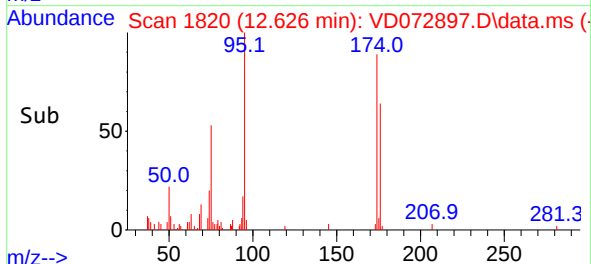
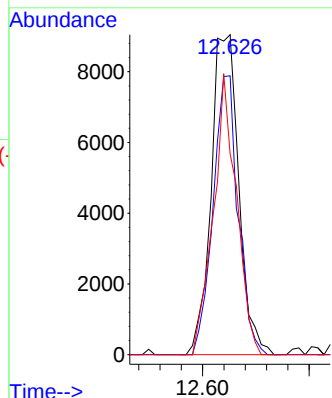
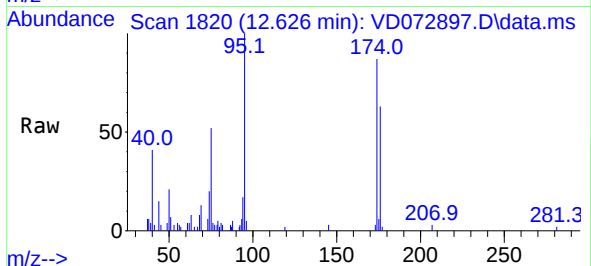




#62
4-Bromofluorobenzene
Concen: 59.809 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

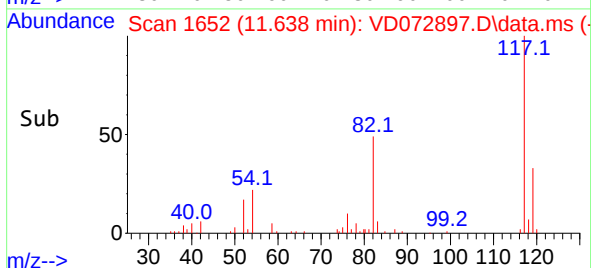
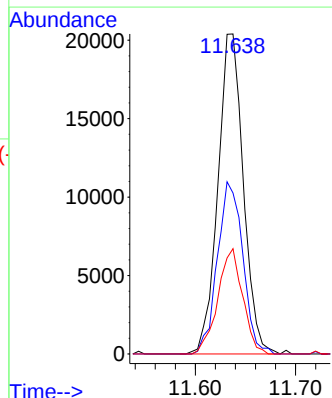
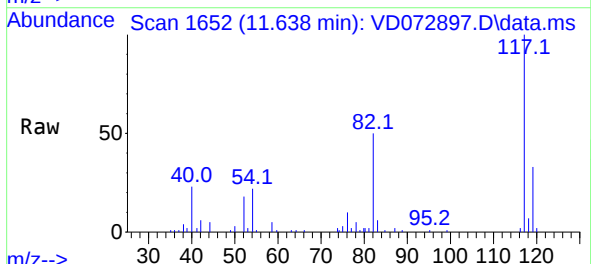
Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

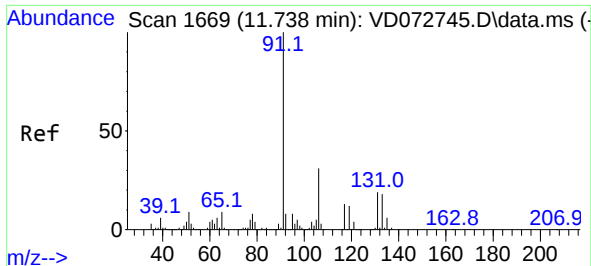
Tgt Ion:	95	Resp:	16280
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	152.8
176	73.4	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion:	117	Resp:	35949
Ion Ratio	Lower	Upper	
117	100		
82	50.3	45.3	67.9
119	32.9	26.6	40.0

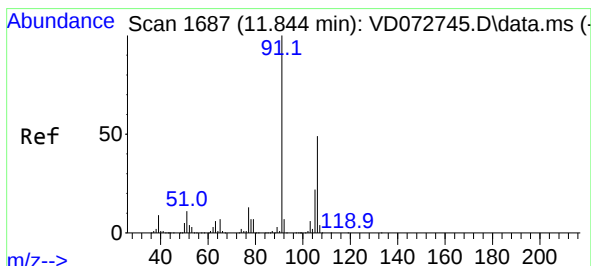
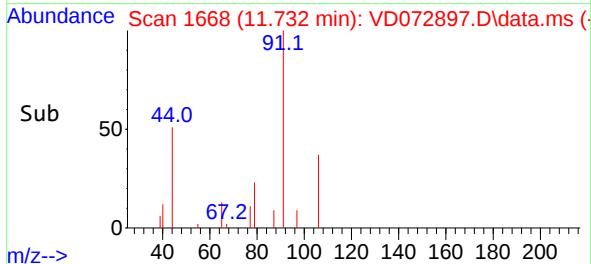
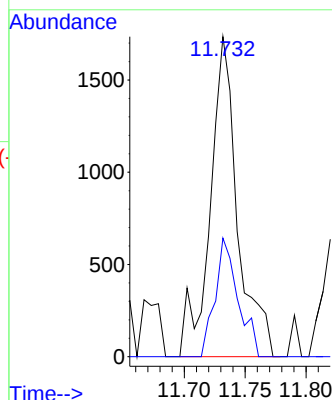
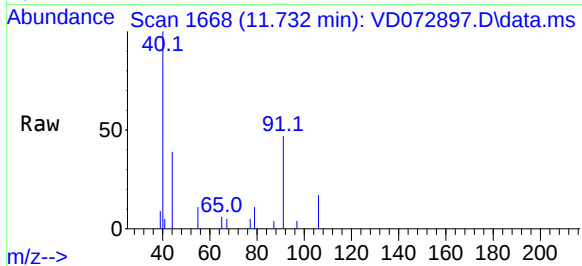




#67
Ethyl Benzene
Concen: 1.894 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

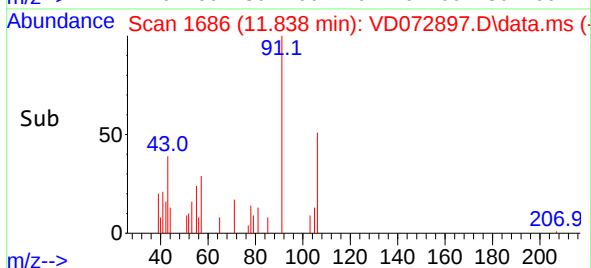
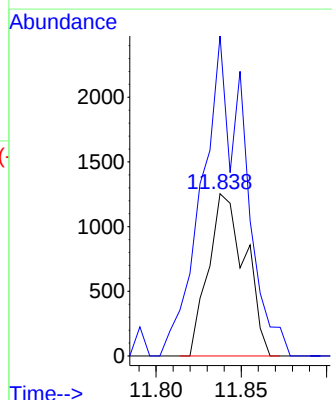
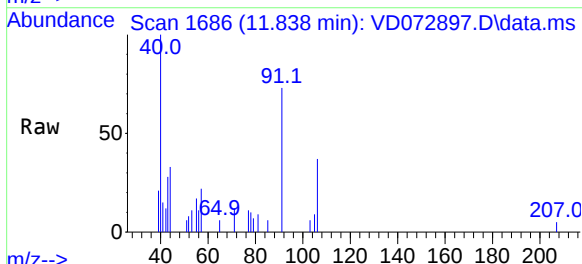
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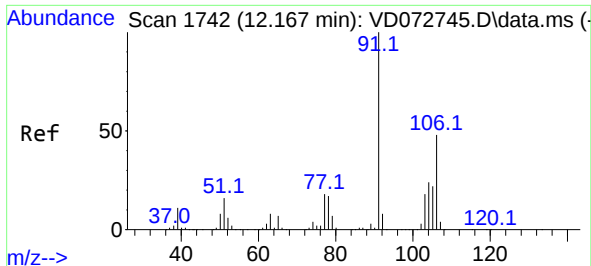
Tgt Ion: 91 Resp: 2725
Ion Ratio Lower Upper
91 100
106 37.1 24.2 36.4#



#68
m/p-Xylenes
Concen: 3.395 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion: 106 Resp: 1882
Ion Ratio Lower Upper
106 100
91 228.3 163.7 245.5

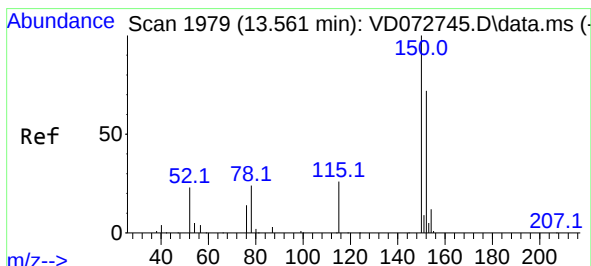
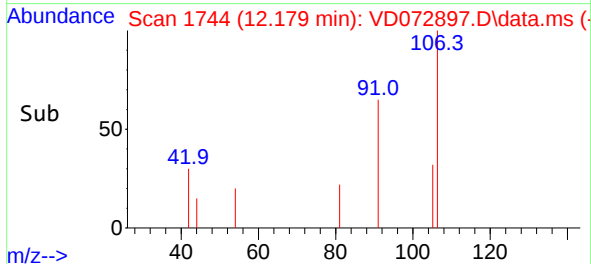
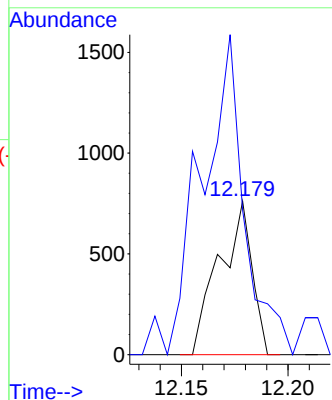
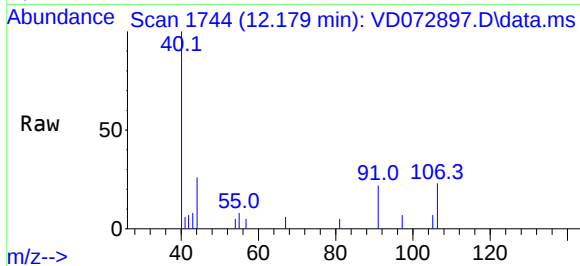




#69
o-Xylene
Concen: 1.578 ug/l
RT: 12.179 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

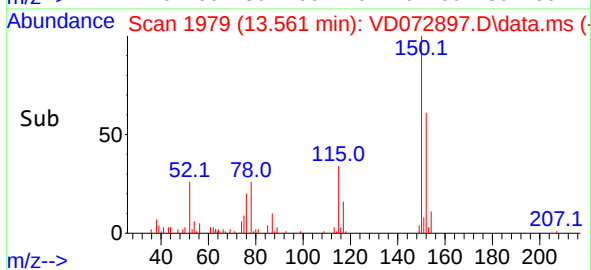
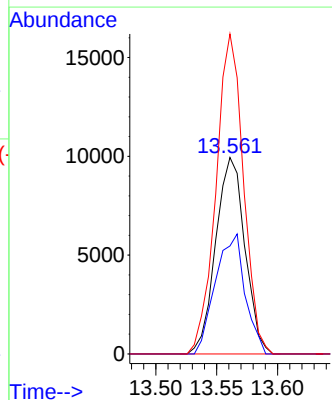
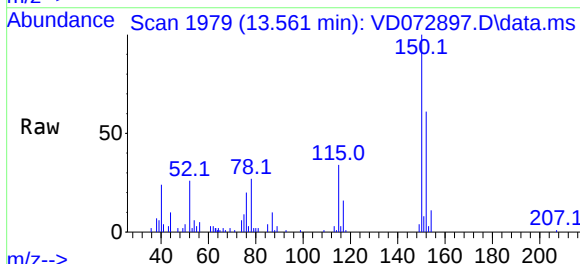
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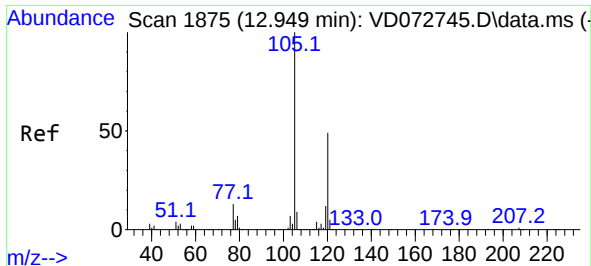
Tgt Ion:106 Resp: 817
Ion Ratio Lower Upper
106 100
91 273.9 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion:152 Resp: 16593
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 153.2 0.0 348.6

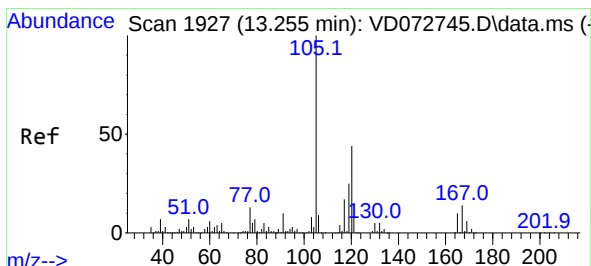
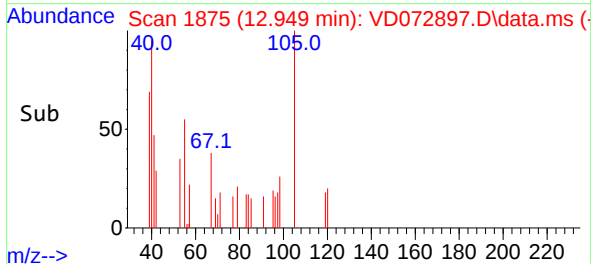
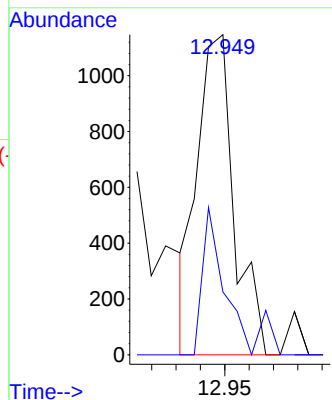
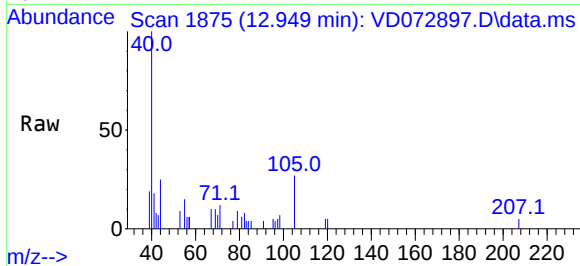




#80
1,3,5-Trimethylbenzene
Concen: 1.094 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Instrument :
MSVOA_D
ClientSampleId :
B3-6-8

Tgt Ion:105 Resp: 1198
Ion Ratio Lower Upper
105 100
120 31.5 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 3.221 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072897.D
Acq: 09 May 2022 18:19

Tgt Ion:105 Resp: 3524
Ion Ratio Lower Upper
105 100
120 48.0 22.3 66.8

