

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092421\
 Data File : VD070448.D
 Acq On : 24 Sep 2021 12:08
 Operator : VA/SY
 Sample : M3913-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-092321

Quant Time: Sep 25 03:07:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

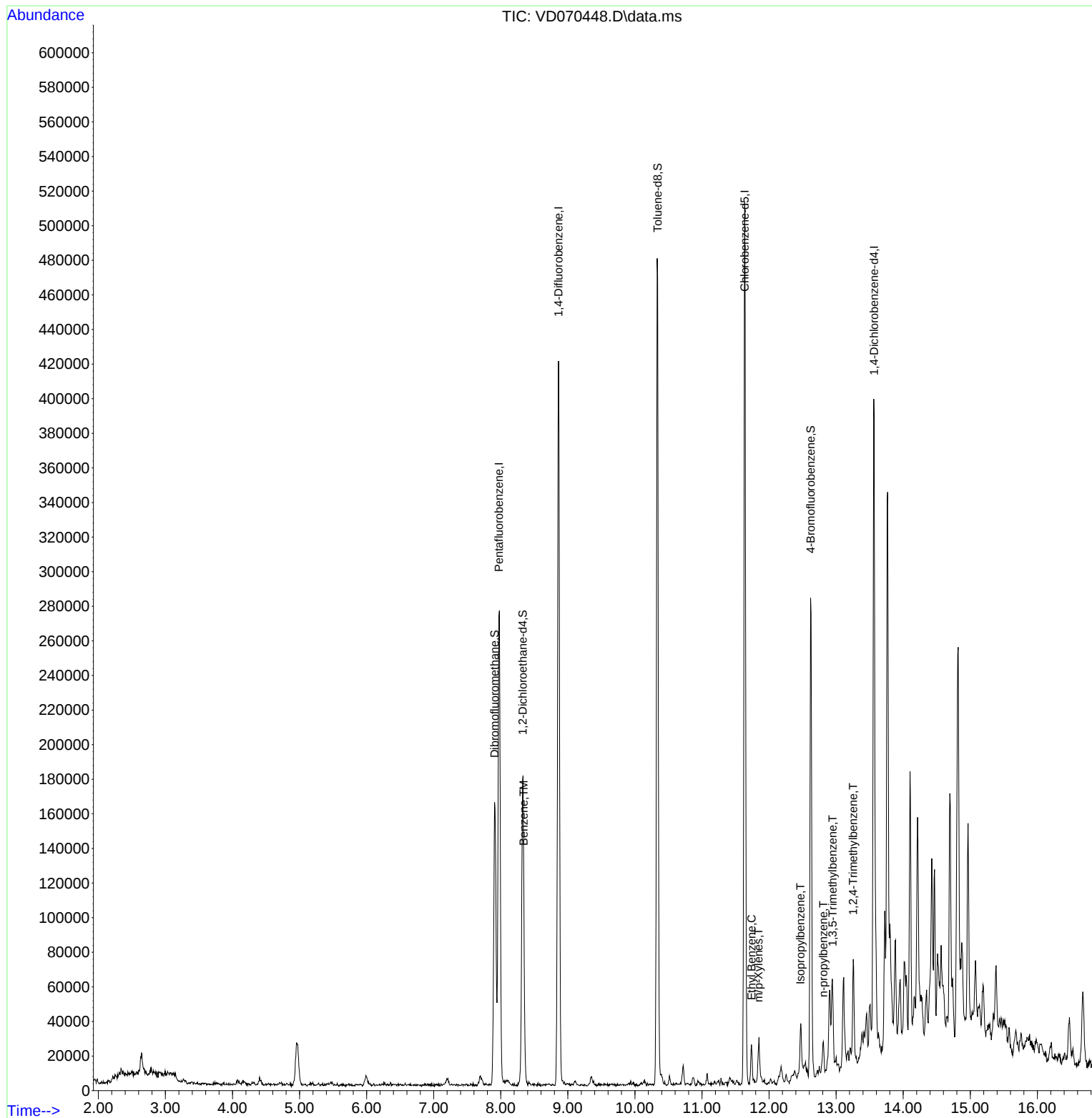
Internal Standards						
1) Pentafluorobenzene	7.973	168	190806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	362906	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	303176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	104467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	140799	57.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.94%
35) Dibromofluoromethane	7.908	113	123681	47.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.76%
50) Toluene-d8	10.338	98	335290	35.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	71.50%
62) 4-Bromofluorobenzene	12.620	95	98701	30.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.22%
Target Compounds						
					Qvalue	
40) Benzene	8.344	78	15885	1.40	ug/l	# 87
67) Ethyl Benzene	11.738	91	13744	1.27	ug/l	96
68) m/p-Xylenes	11.843	106	4794	1.15	ug/l	88
73) Isopropylbenzene	12.467	105	12573	1.72	ug/l	99
78) n-propylbenzene	12.808	91	16167	1.70	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	13284	2.10	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	33544	5.39	ug/l	100

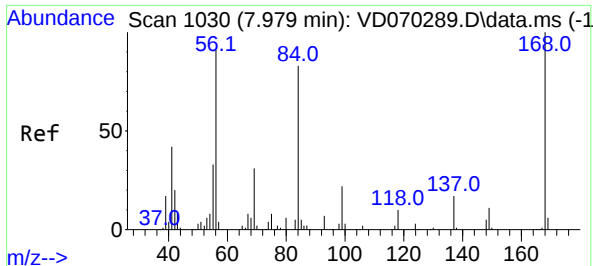
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070448.D
Acq On : 24 Sep 2021 12:08
Operator : VA/SY
Sample : M3913-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TR-05-092321

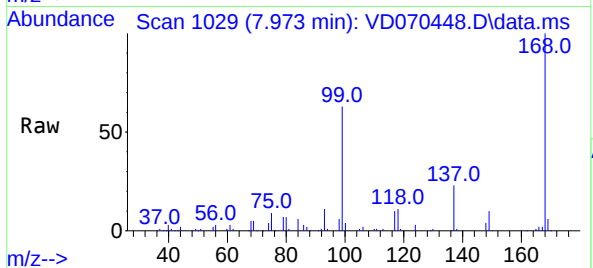
Quant Time: Sep 25 03:07:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration



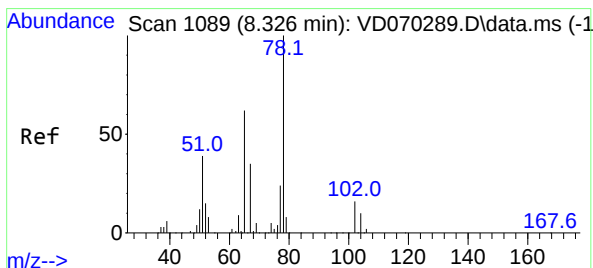
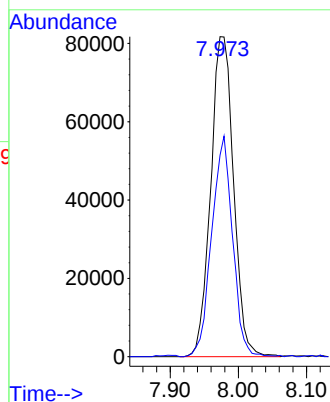
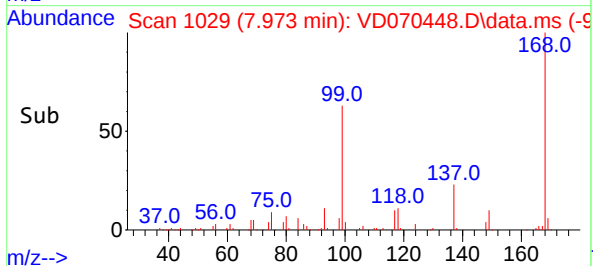


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

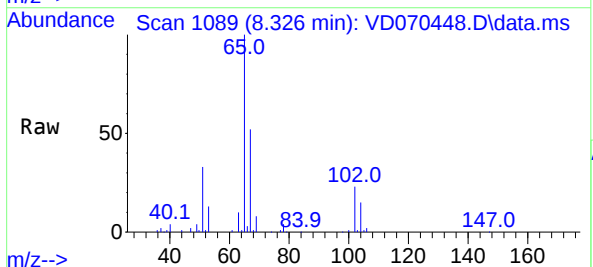
Instrument :
MSVOA_D
ClientSampleId :
TR-05-092321



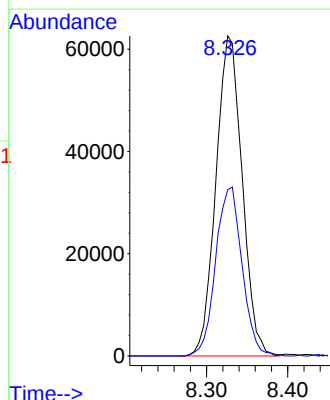
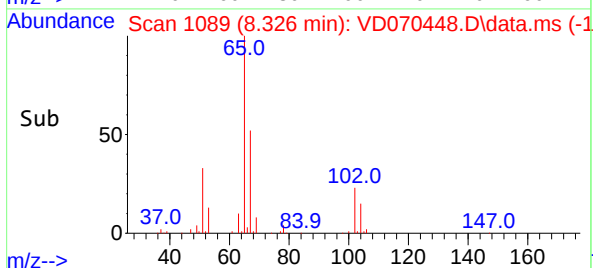
Tgt Ion:168 Resp: 190806
Ion Ratio Lower Upper
168 100
99 63.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 57.47 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08



Tgt Ion: 65 Resp: 140799
Ion Ratio Lower Upper
65 100
67 52.9 0.0 111.4



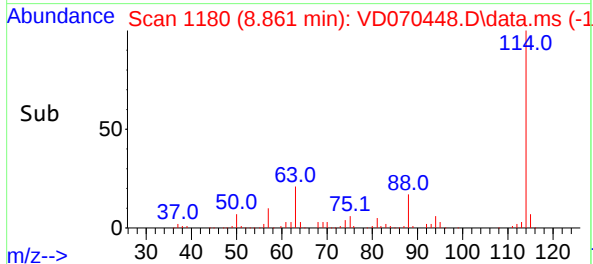
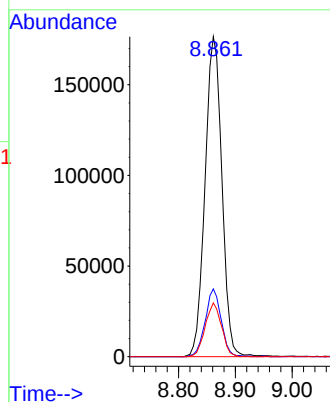
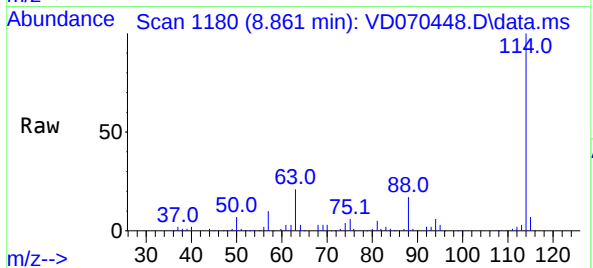


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Instrument :
MSVOA_D
ClientSampleId :
TR-05-092321

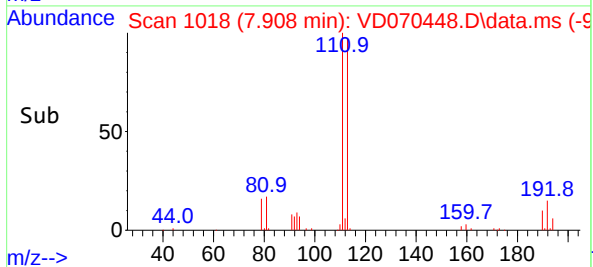
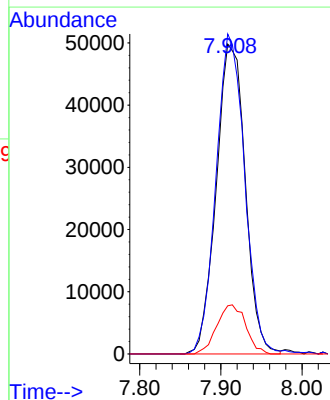
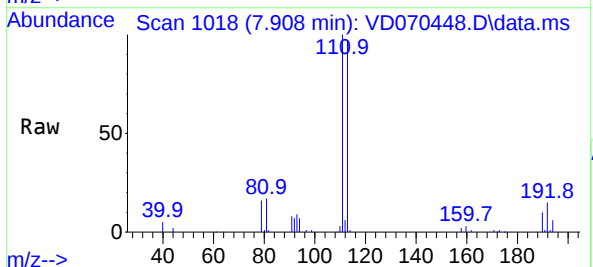
Tgt Ion:114 Resp: 362906
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.8 0.0 33.4

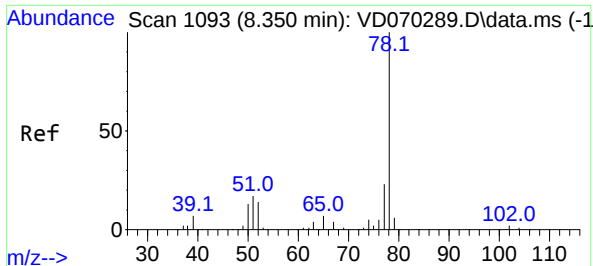


#35

Dibromofluoromethane
Concen: 47.88 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion:113 Resp: 123681
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 15.8 13.0 19.6

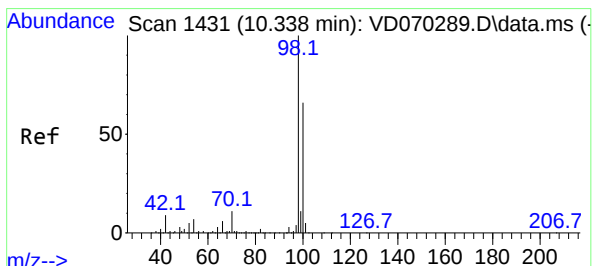
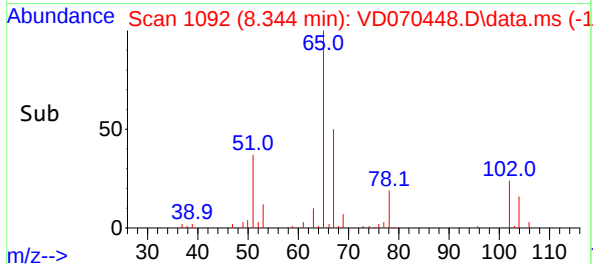
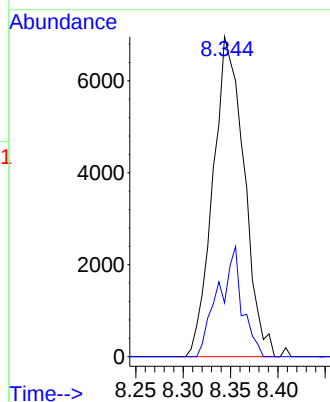
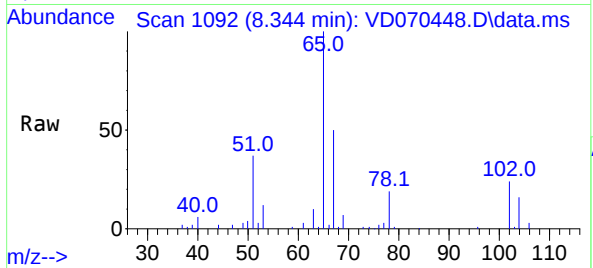




#40
Benzene
Concen: 1.40 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

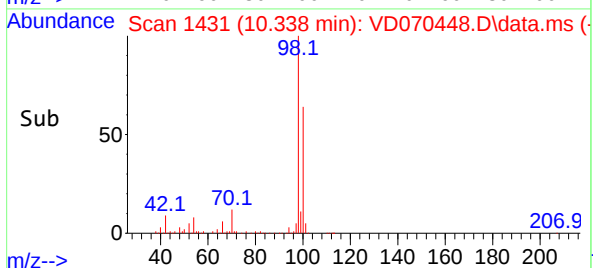
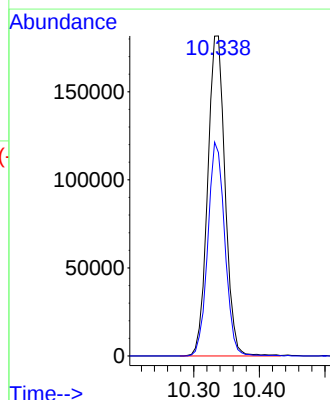
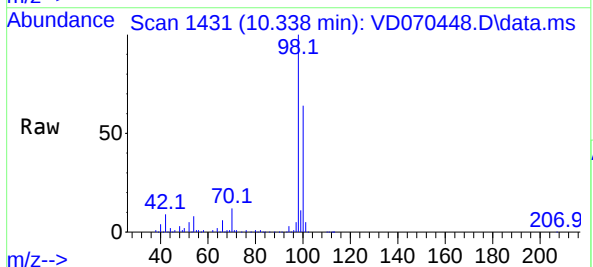
Instrument :
MSVOA_D
ClientSampled :
TR-05-092321

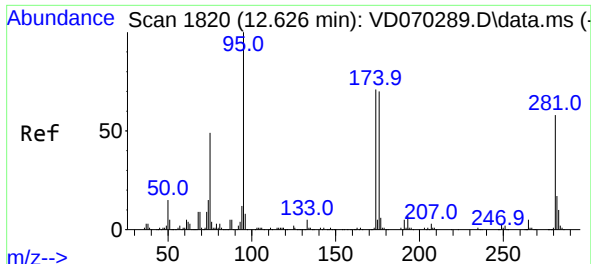
Tgt Ion: 78 Resp: 15885
Ion Ratio Lower Upper
78 100
77 16.8 18.4 27.6#



#50
Toluene-d8
Concen: 35.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion: 98 Resp: 335290
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0

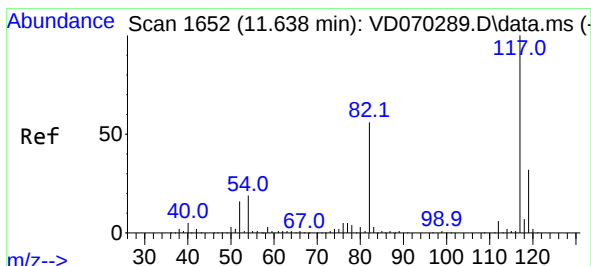
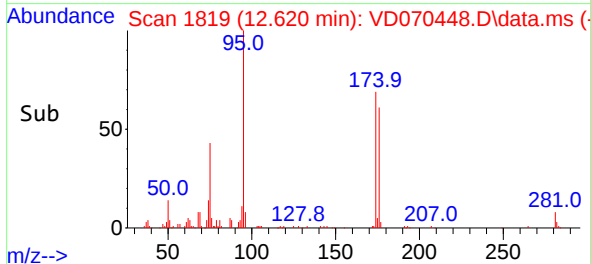
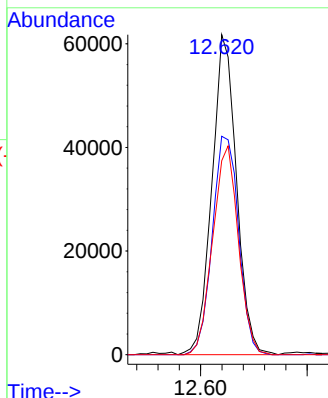
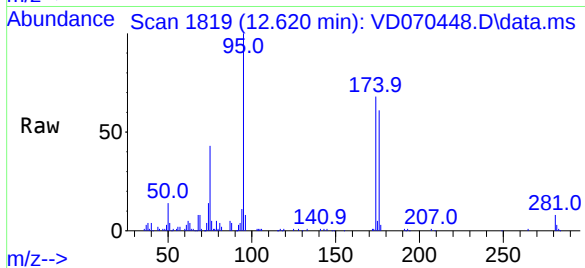




#62
4-Bromofluorobenzene
Concen: 30.11 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

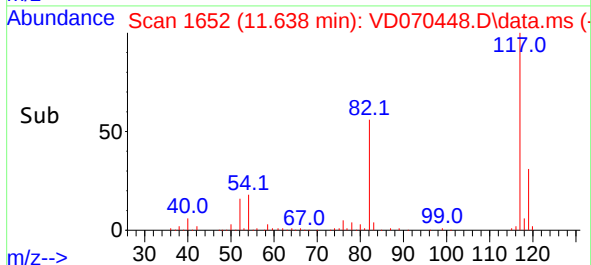
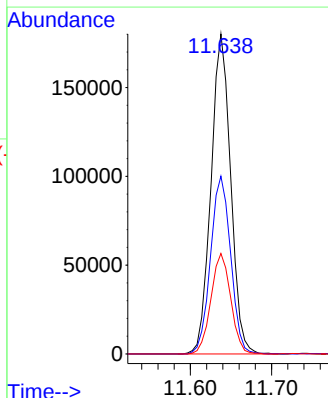
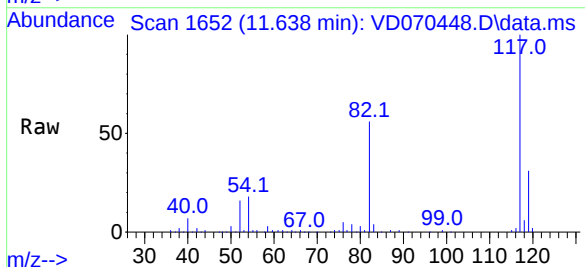
Instrument :
MSVOA_D
ClientSampleId :
TR-05-092321

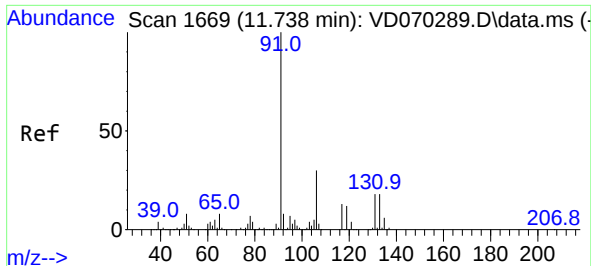
Tgt Ion:	95	Resp:	98701
Ion Ratio	Lower	Upper	
95	100		
174	73.1	0.0	140.6
176	68.2	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion:	117	Resp:	303176
Ion Ratio	Lower	Upper	
117	100		
82	55.5	45.0	67.4
119	31.4	25.2	37.8

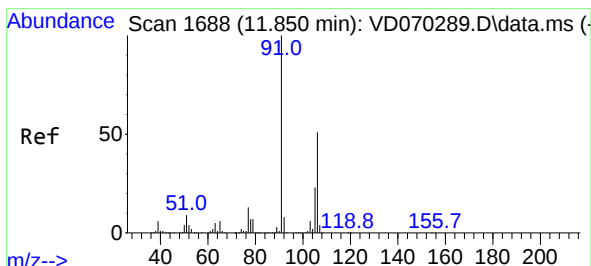
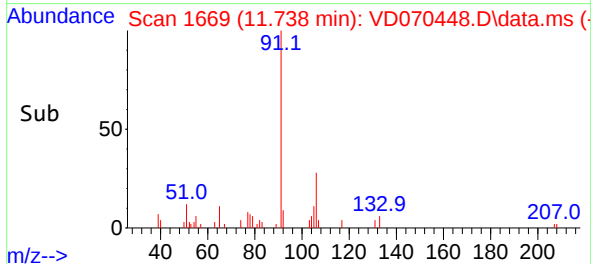
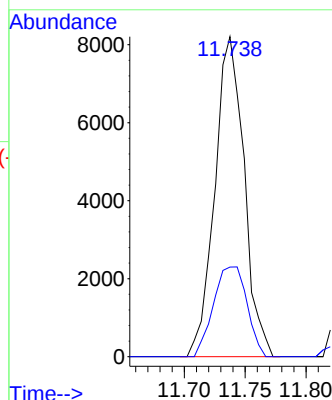
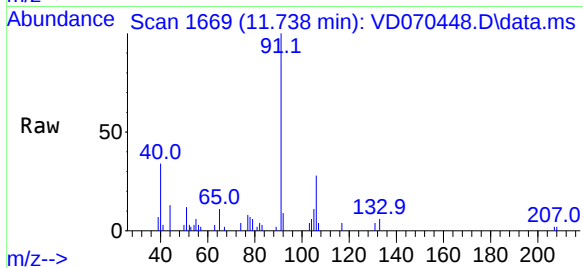




#67
Ethyl Benzene
Concen: 1.27 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

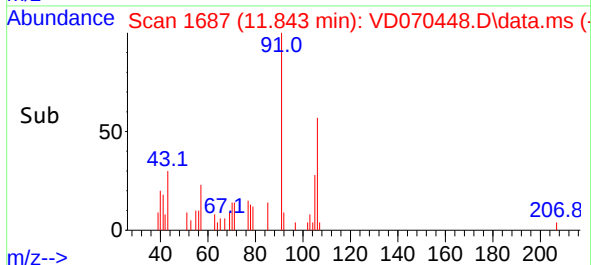
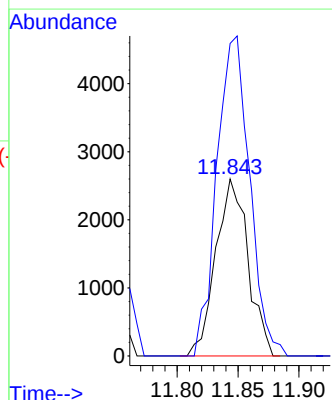
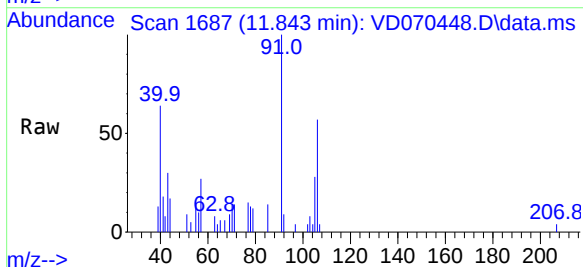
Instrument :
MSVOA_D
ClientSampled :
TR-05-092321

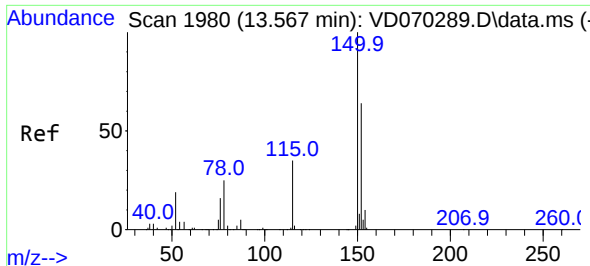
Tgt Ion: 91 Resp: 13744
Ion Ratio Lower Upper
91 100
106 28.0 24.2 36.2



#68
m/p-Xylenes
Concen: 1.15 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion: 106 Resp: 4794
Ion Ratio Lower Upper
106 100
91 183.8 161.2 241.8

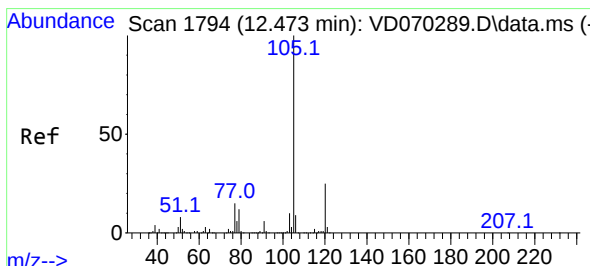
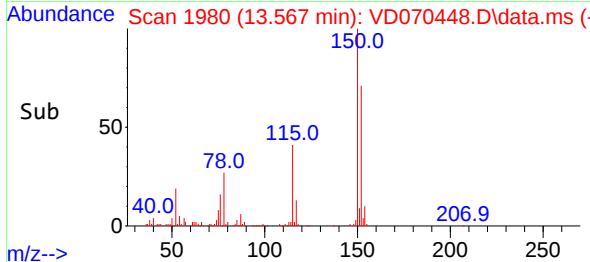
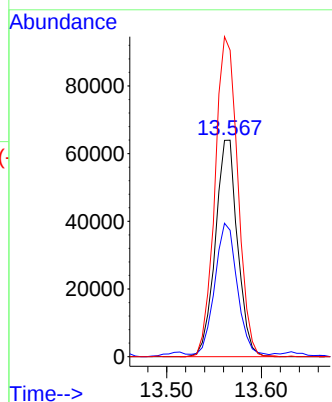
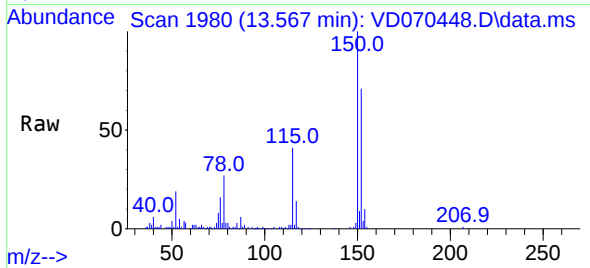




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

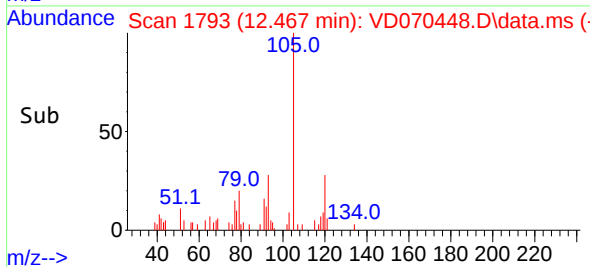
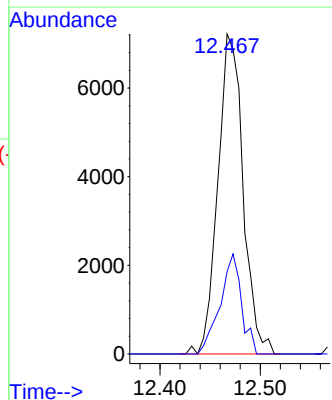
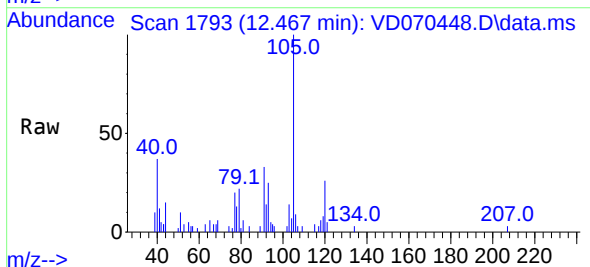
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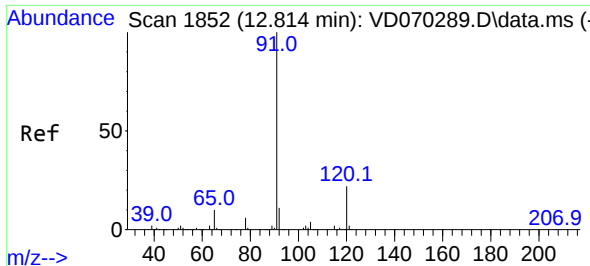
Tgt Ion:152 Resp: 104467
Ion Ratio Lower Upper
152 100
115 61.4 32.1 96.3
150 151.2 0.0 350.6



#73
Isopropylbenzene
Concen: 1.72 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion:105 Resp: 12573
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

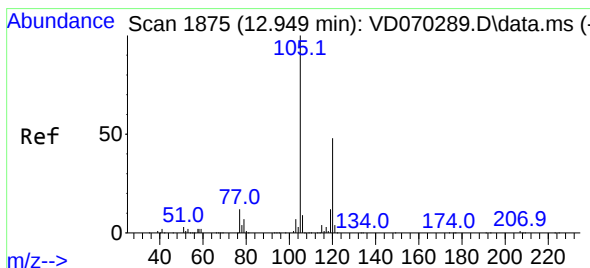
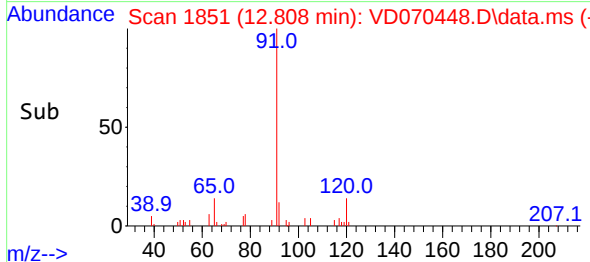
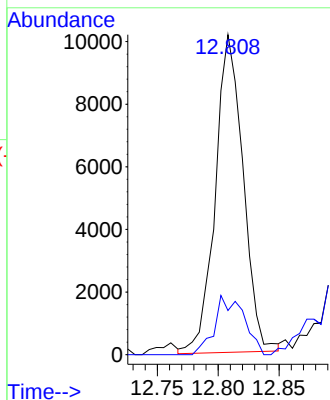
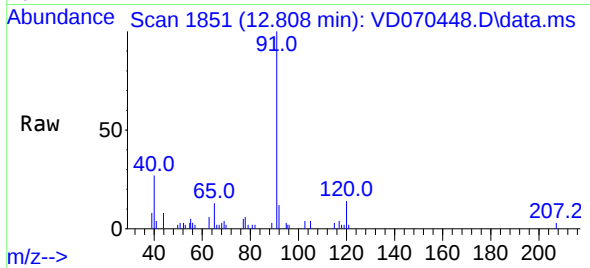




#78
n-propylbenzene
Concen: 1.70 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

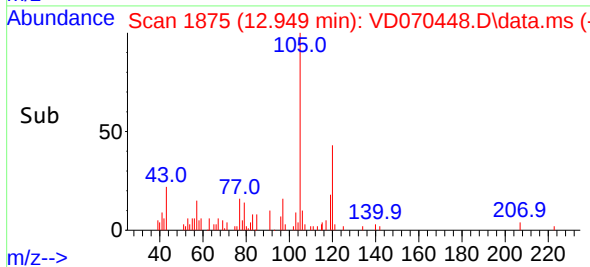
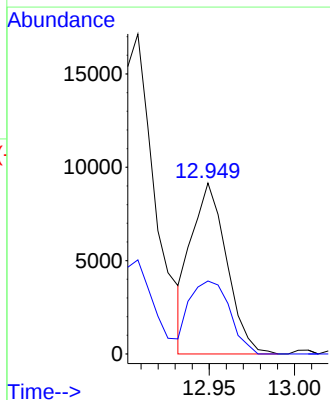
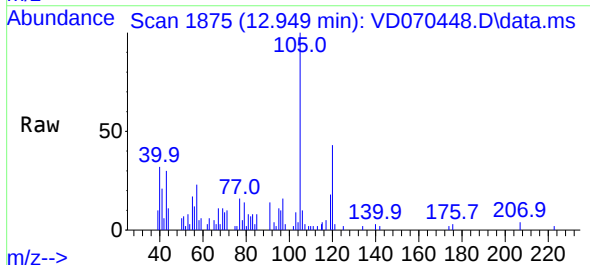
Instrument :
MSVOA_D
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TR-05-092321

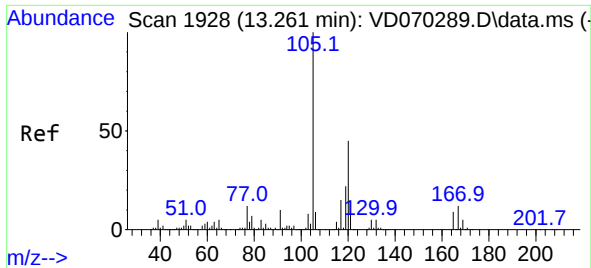
Tgt Ion: 91 Resp: 16167
Ion Ratio Lower Upper
91 100
120 19.5 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 2.10 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070448.D
Acq: 24 Sep 2021 12:08

Tgt Ion:105 Resp: 13284
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#84
 1,2,4-Trimethylbenzene
 Concen: 5.39 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD070448.D
 Acq: 24 Sep 2021 12:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-092321

Tgt Ion:105 Resp: 33544
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.3 66.8

