

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042721\
 Data File : VW018811.D
 Acq On : 27 Apr 2021 18:21
 Operator : SY/VA
 Sample : M2166-04
 Misc : 6.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 28 00:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 28 00:41:12 2021
 Response via : Initial Calibration

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

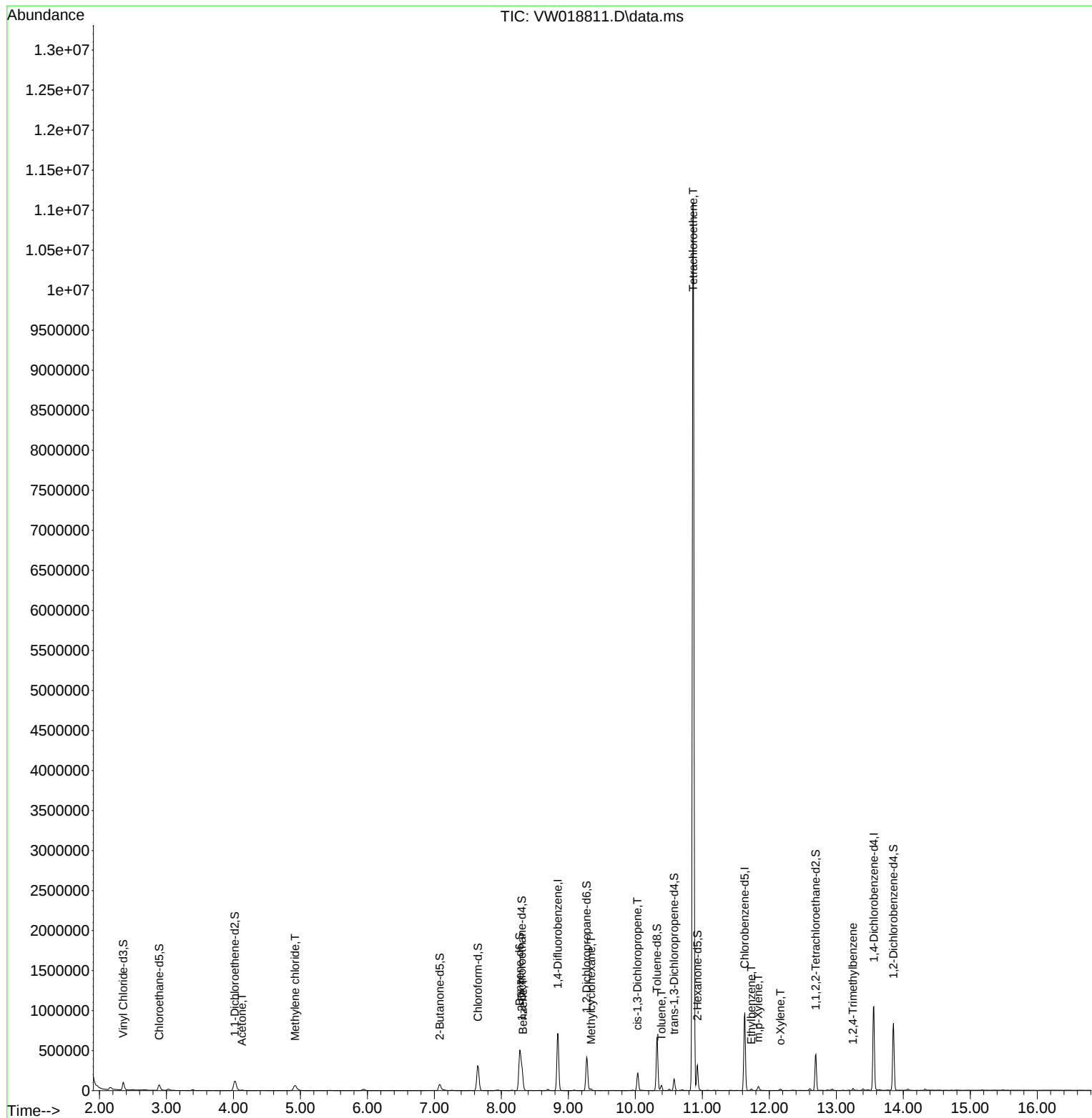
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	599620	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	525758	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	269141	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87985	9.66	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	38.64%		
7) Chloroethane-d5	2.891	69	87902	10.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	43.52%		
11) 1,1-Dichloroethene-d2	4.019	63	130893	8.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	33.08%#		
21) 2-Butanone-d5	7.080	46	126517	61.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.00%		
24) Chloroform-d	7.653	84	319224	19.40	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.60%		
26) 1,2-Dichloroethane-d4	8.305	65	196863	21.28	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.12%		
32) Benzene-d6	8.275	84	526586	17.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	68.28%		
36) 1,2-Dichloropropane-d6	9.274	67	195485	21.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.12%		
41) Toluene-d8	10.323	98	440081	15.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	62.40%		
43) trans-1,3-Dichloroprop...	10.579	79	80126	20.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.00%		
47) 2-Hexanone-d5	10.927	63	111865	69.21	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	138.42%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	225218	29.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.04%		
66) 1,2-Dichlorobenzene-d4	13.853	152	213352	22.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.28%		
Target Compounds					Qvalue	
13) Acetone	4.129	43	10330	6.86	ug/L	91
16) Methylene chloride	4.922	84	55209	5.62	ug/L	92
33) Benzene	8.323	78	16199	0.49	ug/L	100
35) Methylcyclohexane	9.341	83	7119	0.48	ug/L #	86
39) cis-1,3-Dichloropropene	10.030	75	5554	0.45	ug/L	87
42) Toluene	10.390	91	46135	1.30	ug/L	98
46) Tetrachloroethene	10.866	164	2450242	407.95	ug/L	93
52) Ethylbenzene	11.731	91	12286	0.31	ug/L	93
53) m,p-Xylene	11.835	106	12026	0.84	ug/L	95
54) o-Xylene	12.164	106	4424	0.32	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	12910	0.39	ug/L	96

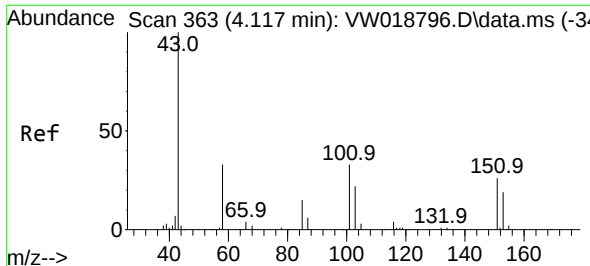
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

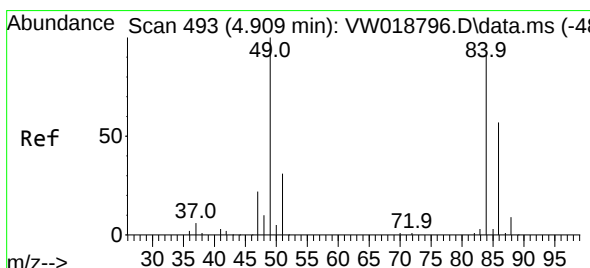
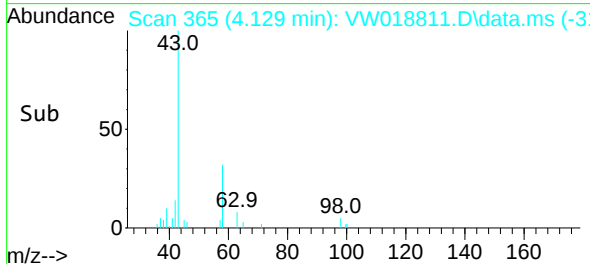
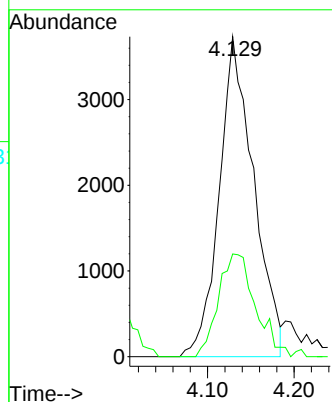
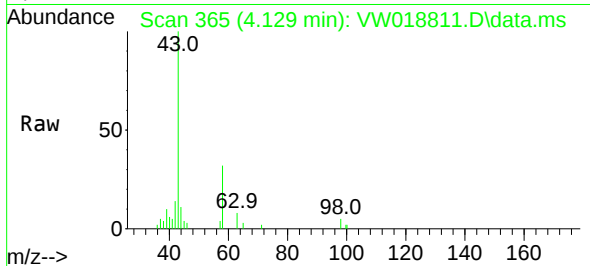




#13
Acetone
Concen: 6.86 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

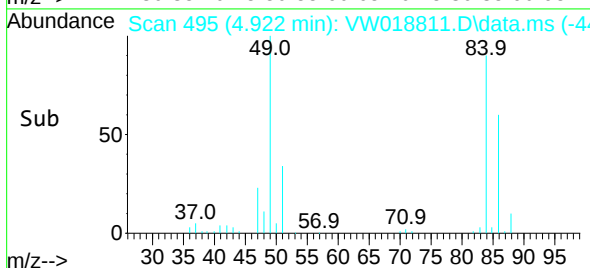
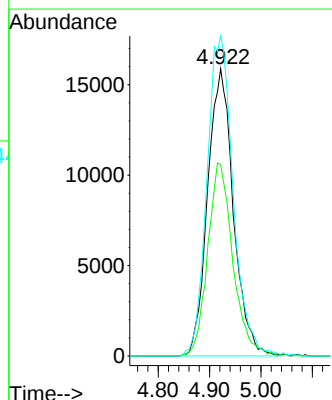
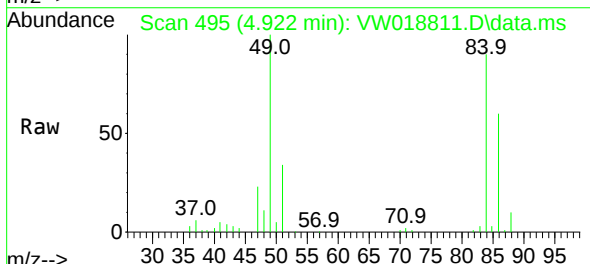
Instrument :
MSVOA_W
ClientSampled :

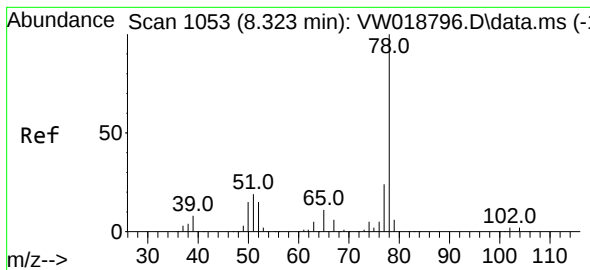
Tgt Ion: 43 Resp: 10330
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8



#16
Methylene chloride
Concen: 5.62 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

Tgt Ion: 84 Resp: 55209
Ion Ratio Lower Upper
84 100
86 66.5 45.3 84.1
49 111.4 86.6 160.8





#33

Benzene

Concen: 0.49 ug/L

RT: 8.323 min Scan# 1053

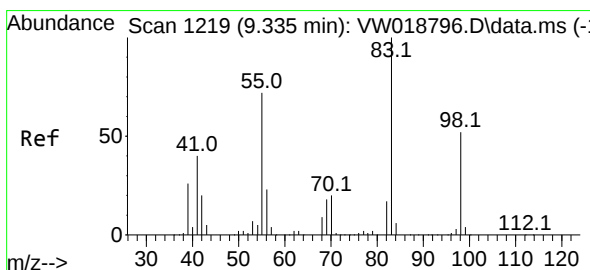
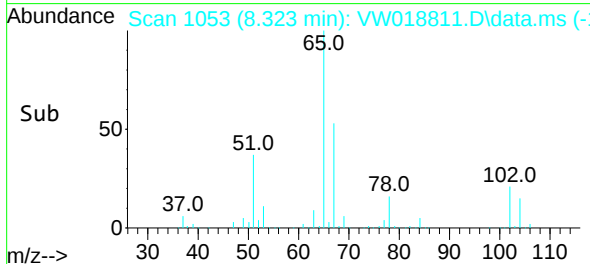
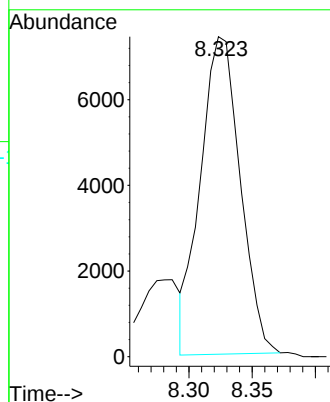
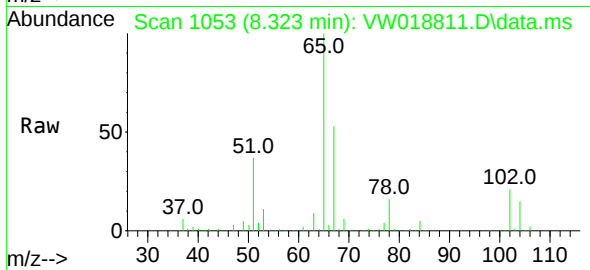
Delta R.T. -0.000 min

Lab File: VW018811.D

Acq: 27 Apr 2021 18:21

Tgt Ion: 78 Resp: 16199

Instrument :
MSVOA_W
ClientSampled :



#35

Methylcyclohexane

Concen: 0.48 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW018811.D

Acq: 27 Apr 2021 18:21

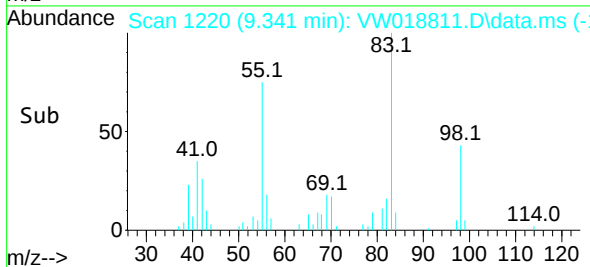
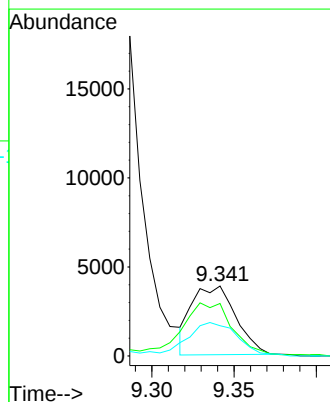
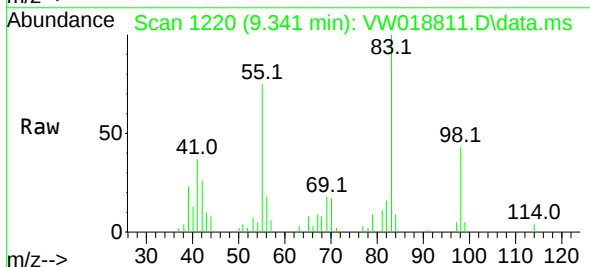
Tgt Ion: 83 Resp: 7119

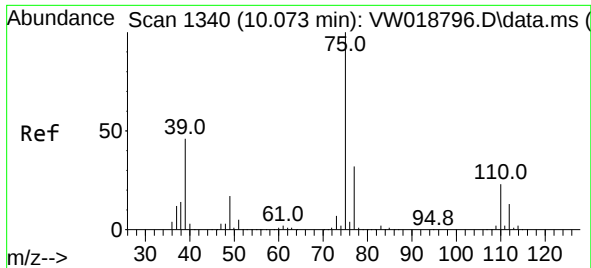
Ion Ratio Lower Upper

83 100

55 88.6 58.9 88.3#

98 55.5 40.1 60.1

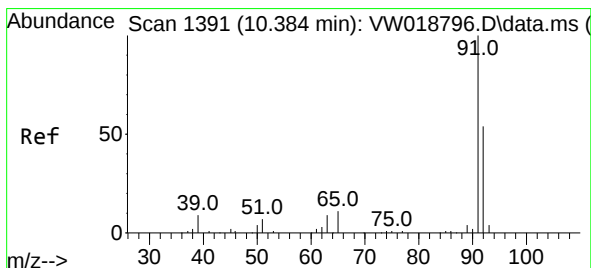
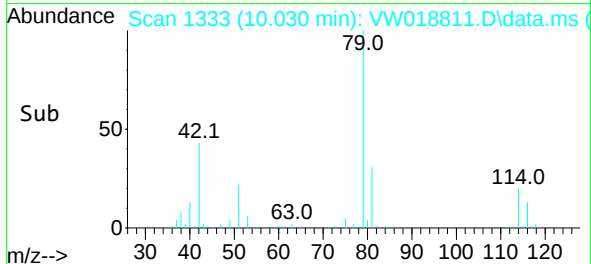
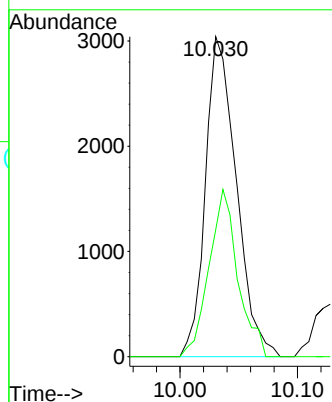
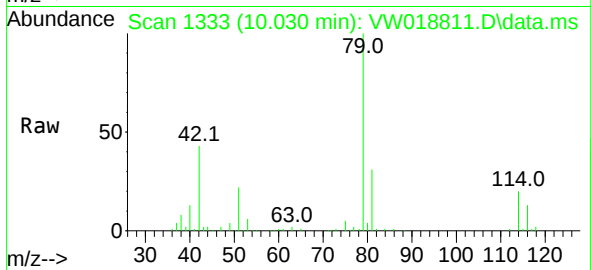




#39
cis-1,3-Dichloropropene
Concen: 0.45 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

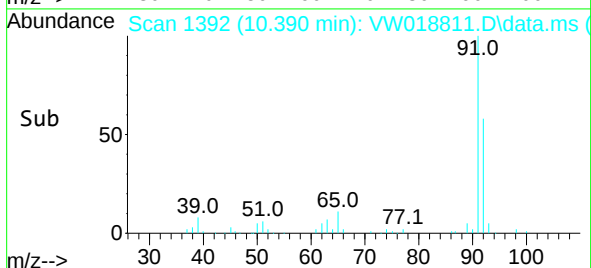
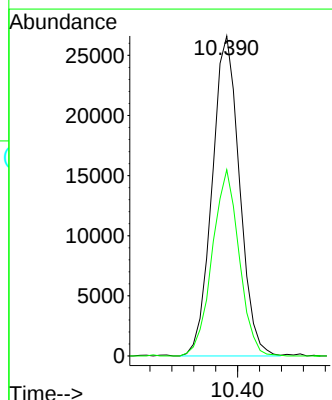
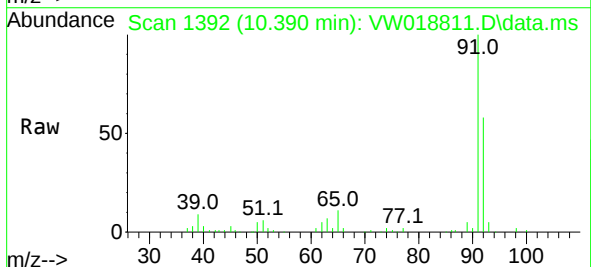
Instrument :
MSVOA_W
ClientSampleId :

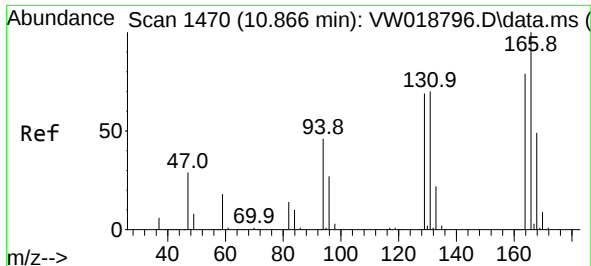
Tgt Ion: 75 Resp: 5554
Ion Ratio Lower Upper
75 100
77 39.7 22.6 42.0



#42
Toluene
Concen: 1.30 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

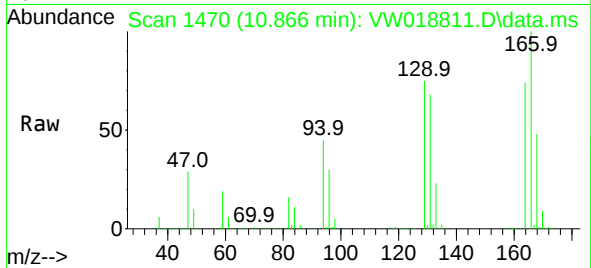
Tgt Ion: 91 Resp: 46135
Ion Ratio Lower Upper
91 100
92 58.2 39.5 73.3



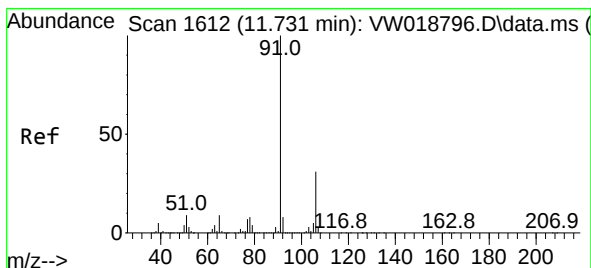
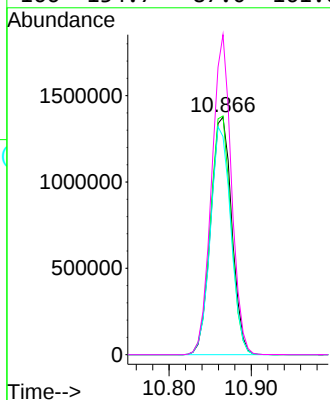
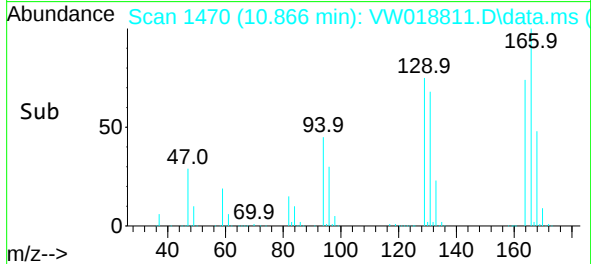


#46
Tetrachloroethene
Concen: 407.95 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

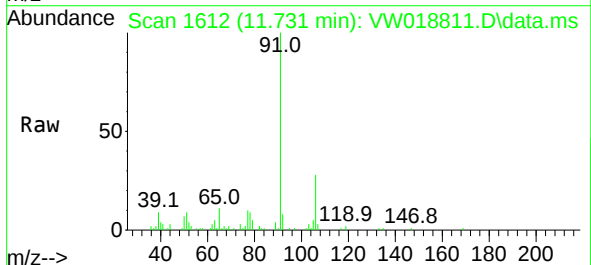
Instrument :
MSVOA_W
ClientSampleId :



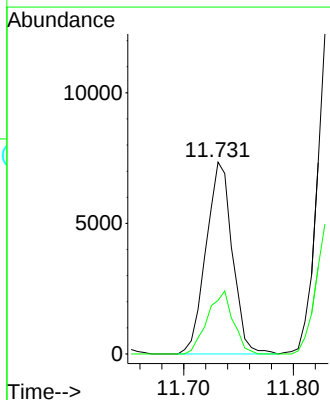
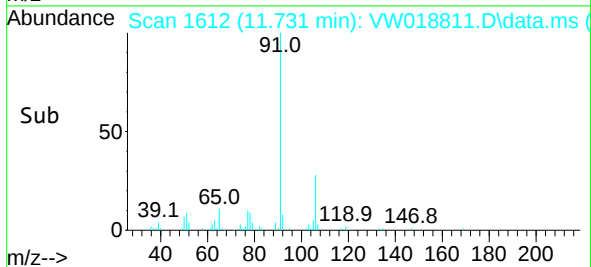
Tgt Ion:164 Resp: 2450242
Ion Ratio Lower Upper
164 100
129 100.4 66.7 123.9
131 91.8 61.1 113.5
166 134.7 87.0 161.6

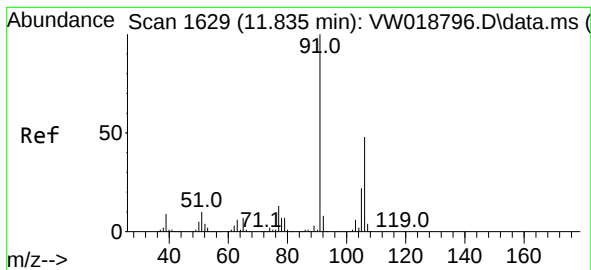


#52
Ethylbenzene
Concen: 0.31 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21



Tgt Ion: 91 Resp: 12286
Ion Ratio Lower Upper
91 100
106 27.9 22.5 41.7

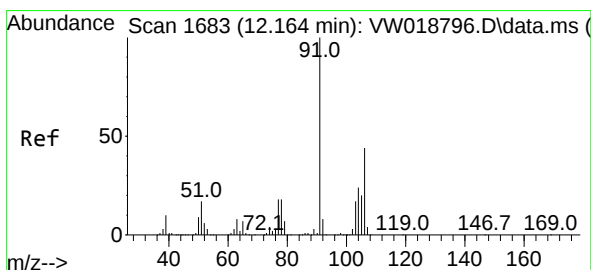
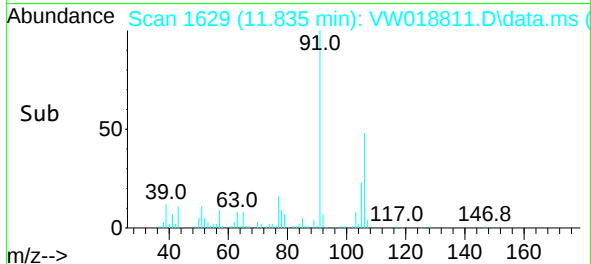
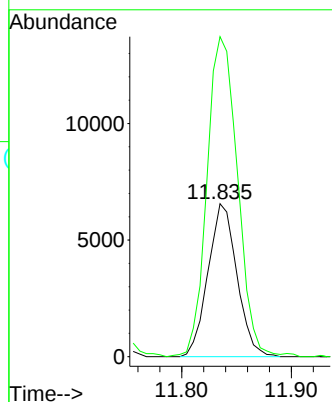
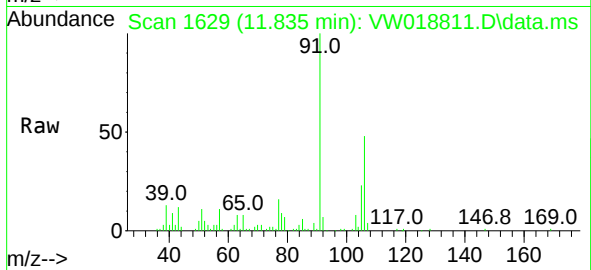




#53
m,p-Xylene
Concen: 0.84 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

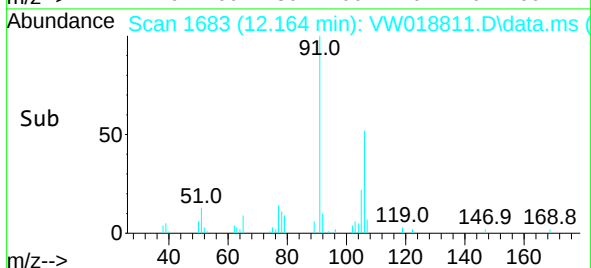
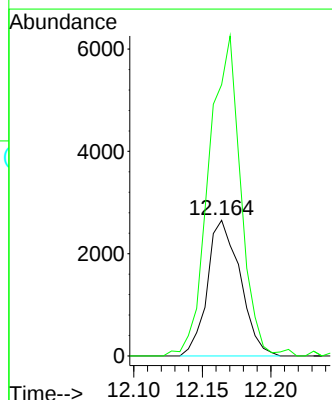
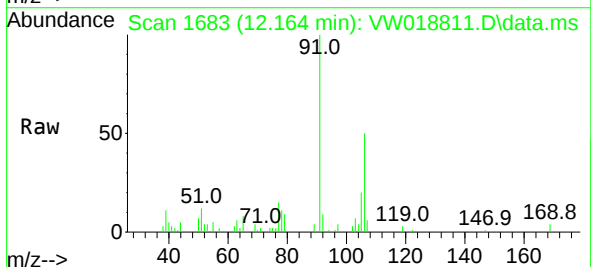
Instrument :
MSVOA_W
ClientSampled :

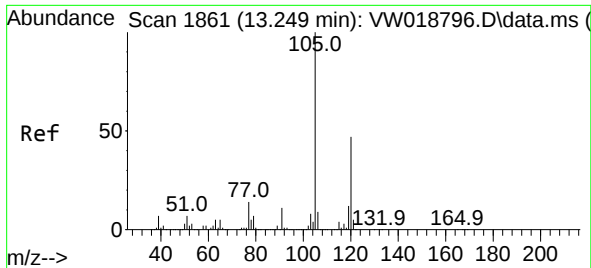
Tgt Ion:106 Resp: 12026
Ion Ratio Lower Upper
106 100
91 209.3 141.3 262.3



#54
o-Xylene
Concen: 0.32 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018811.D
Acq: 27 Apr 2021 18:21

Tgt Ion:106 Resp: 4424
Ion Ratio Lower Upper
106 100
91 200.0 150.0 278.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.39 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW018811.D
 Acq: 27 Apr 2021 18:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 12910
 Ion Ratio Lower Upper
 105 100
 120 41.9 35.6 53.4

