

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042321\
 Data File : VW018761.D
 Acq On : 23 Apr 2021 16:33
 Operator : SY/VA
 Sample : M2165-08
 Misc : 6.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 24 00:18:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 24 00:16:05 2021
 Response via : Initial Calibration

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

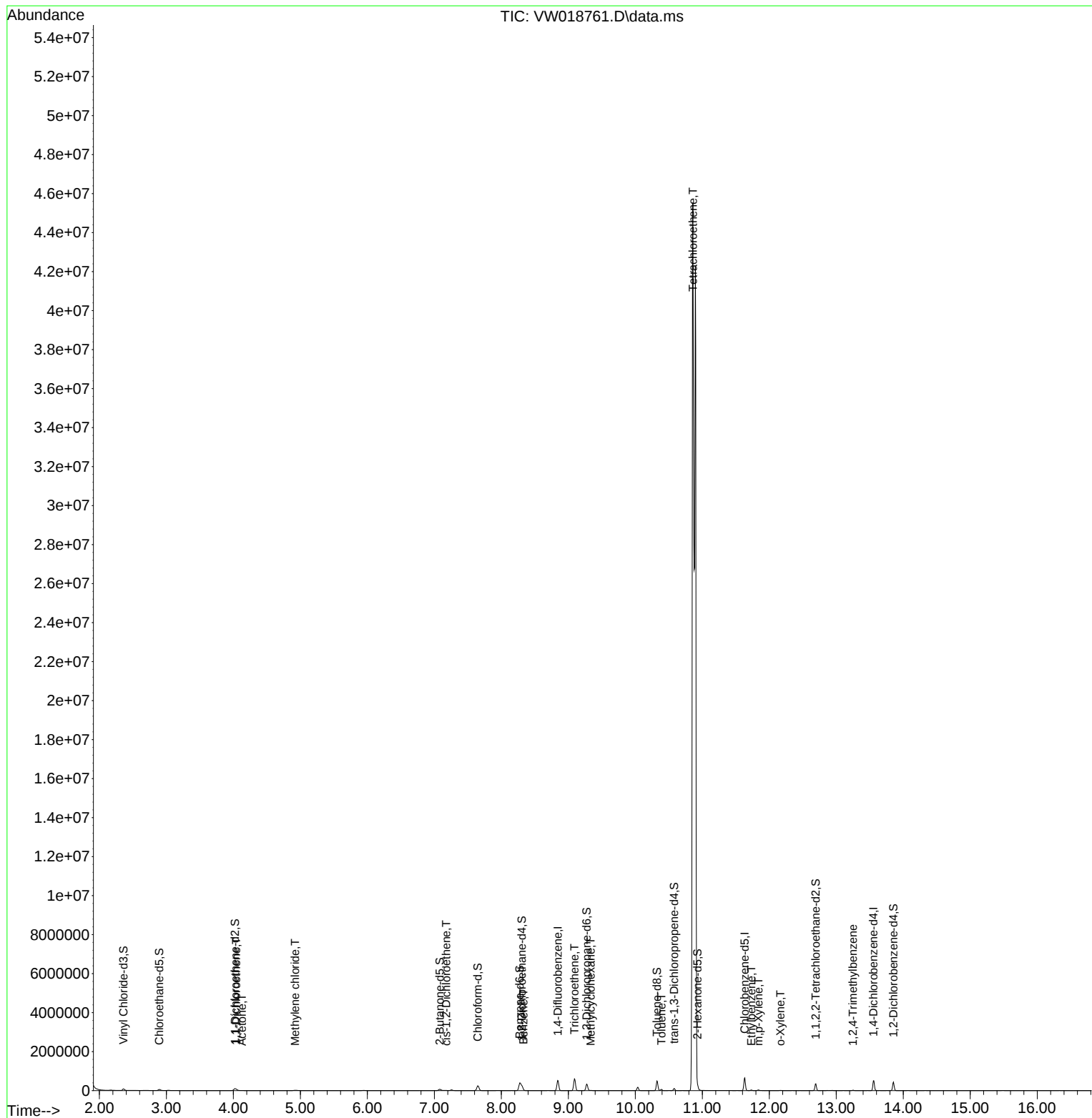
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	434349	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	348925	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128003	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	83210	12.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	50.44%		
7) Chloroethane-d5	2.892	69	78069	13.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.40%		
11) 1,1-Dichloroethene-d2	4.025	63	115565	10.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	40.32%#		
21) 2-Butanone-d5	7.080	46	116402	77.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	154.94%#		
24) Chloroform-d	7.647	84	250129	20.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.92%		
26) 1,2-Dichloroethane-d4	8.305	65	162468	24.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.96%		
32) Benzene-d6	8.275	84	408919	19.98	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.92%		
36) 1,2-Dichloropropane-d6	9.275	67	154177	24.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.96%		
41) Toluene-d8	10.323	98	327254	17.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	69.92%		
43) trans-1,3-Dichloroprop...	10.579	79	62351	23.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	94.96%		
47) 2-Hexanone-d5	10.927	63	90524	84.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	168.78%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	175708	34.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	136.44%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	108271	24.08	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.32%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	3384	0.59	ug/L	# 1
13) Acetone	4.129	43	12677	11.62	ug/L	82
16) Methylene chloride	4.922	84	18016	2.53	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	5731	0.88	ug/L	91
33) Benzene	8.330	78	14946	0.68	ug/L	100
34) Trichloroethene	9.092	95	216034	38.29	ug/L	94
35) Methylcyclohexane	9.335	83	5530	0.56	ug/L	93
42) Toluene	10.390	91	45720	1.94	ug/L	92
46) Tetrachloroethene	10.860	164	8966674	2249.47	ug/L	95
52) Ethylbenzene	11.731	91	21275	0.82	ug/L	93
53) m,p-Xylene	11.841	106	8945	0.94	ug/L	97
54) o-Xylene	12.164	106	3294	0.36	ug/L	79
63) 1,2,4-Trimethylbenzene	13.249	105	13699	0.88	ug/L	98

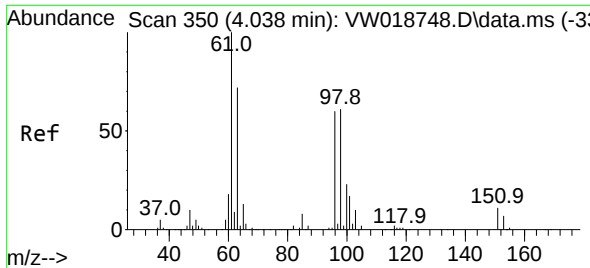
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 24 00:16:05 2021
Response via : Initial Calibration

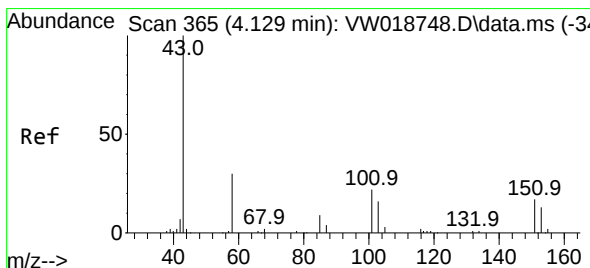
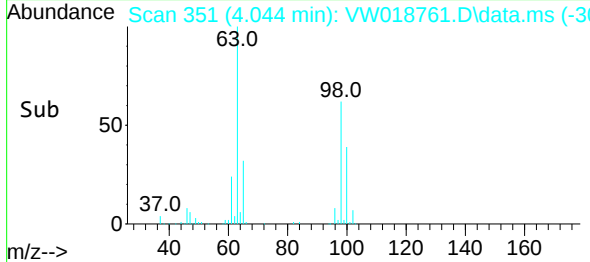
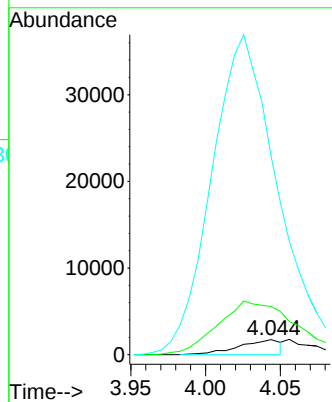
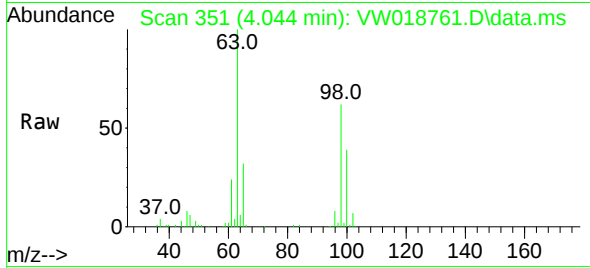




#12
1,1-Dichloroethene
Concen: 0.59 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

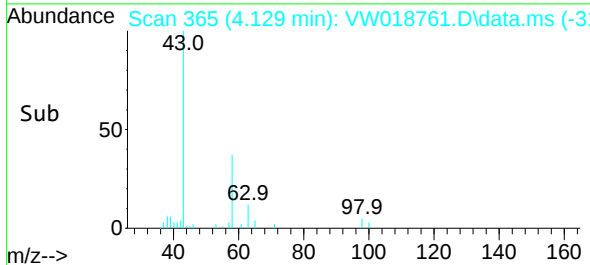
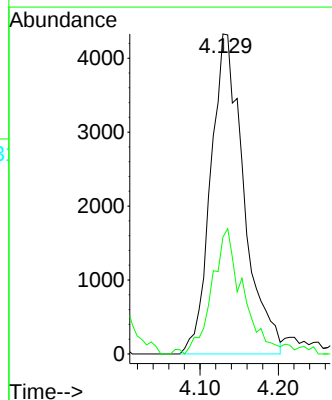
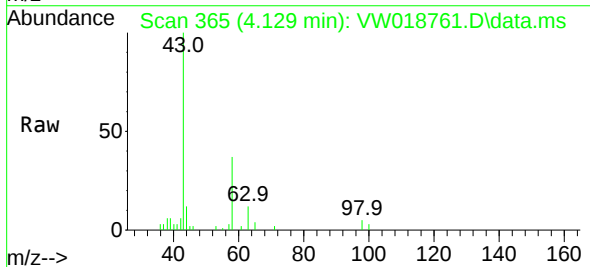
Instrument :
MSVOA_W
ClientSampled :

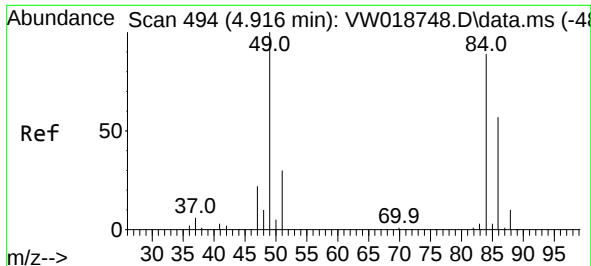
Tgt Ion: 96 Resp: 3384
Ion Ratio Lower Upper
96 100
61 320.7 118.1 219.3#
63 1321.2 83.7 155.5#



#13
Acetone
Concen: 11.62 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

Tgt Ion: 43 Resp: 12677
Ion Ratio Lower Upper
43 100
58 36.3 0.0 53.8

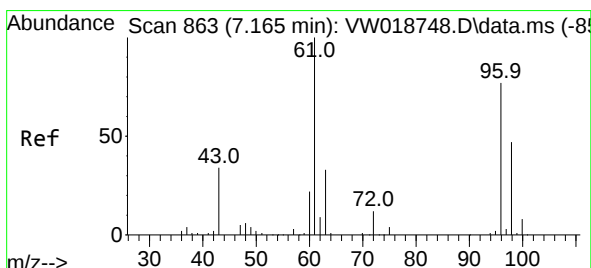
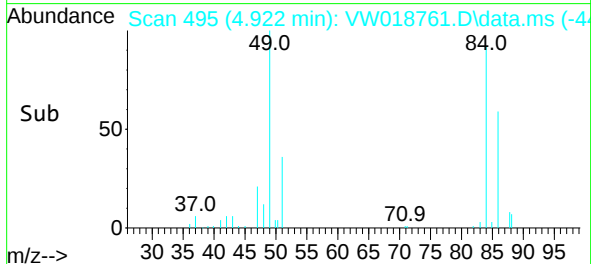
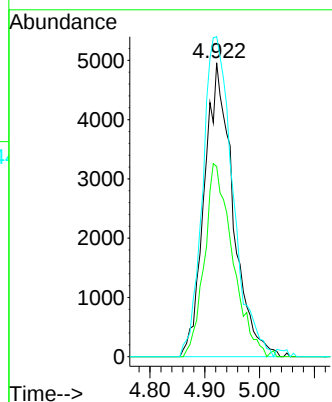
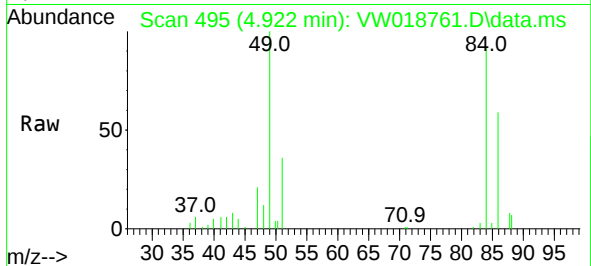




#16
Methylene chloride
Concen: 2.53 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

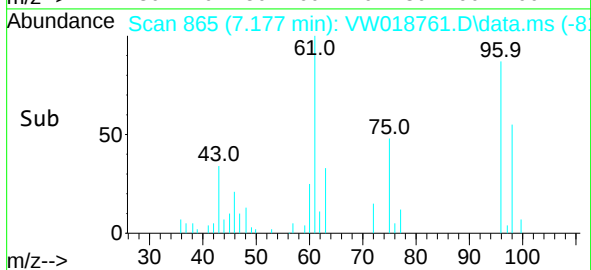
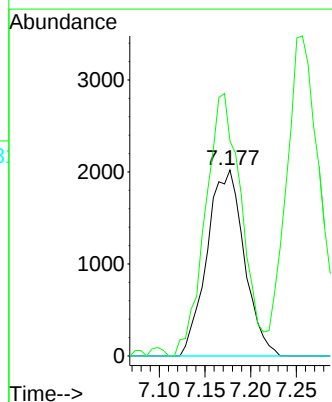
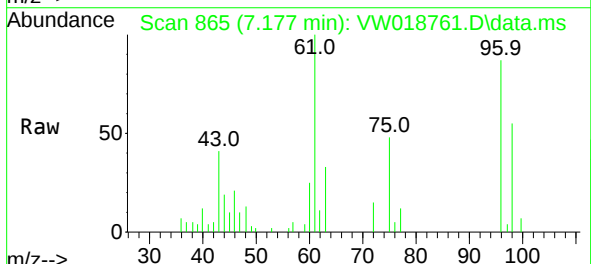
Instrument :
MSVOA_W
ClientSampled :

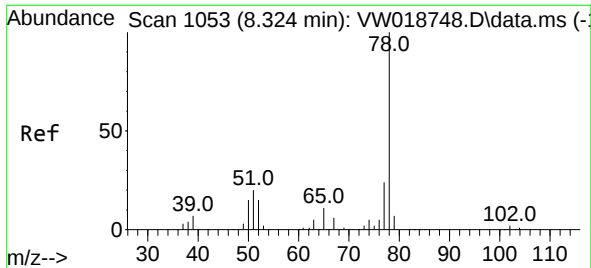
Tgt Ion: 84 Resp: 18016
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 108.9 86.6 160.8



#20
cis-1,2-Dichloroethene
Concen: 0.88 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

Tgt Ion: 96 Resp: 5731
Ion Ratio Lower Upper
96 100
61 115.5 88.5 164.3
68 0.0 0.0 0.0

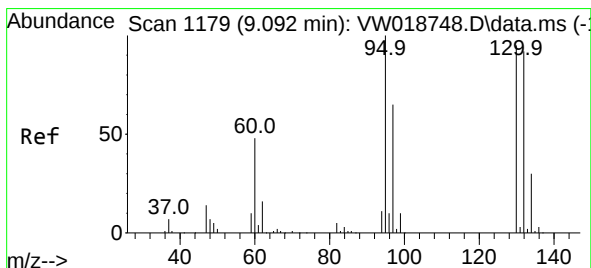
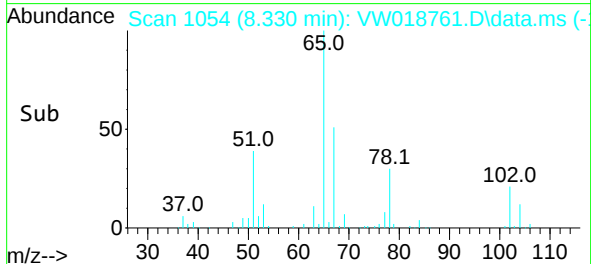
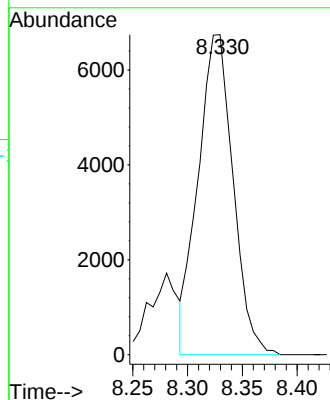
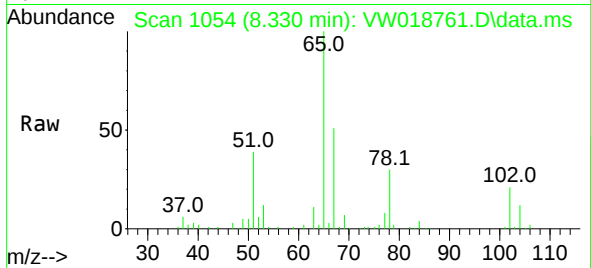




#33
Benzene
Concen: 0.68 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

Instrument :
MSVOA_W
ClientSampled :

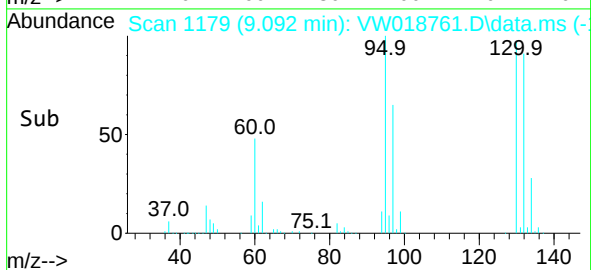
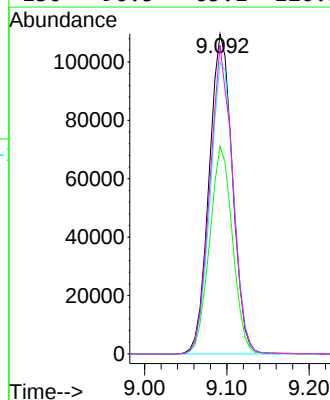
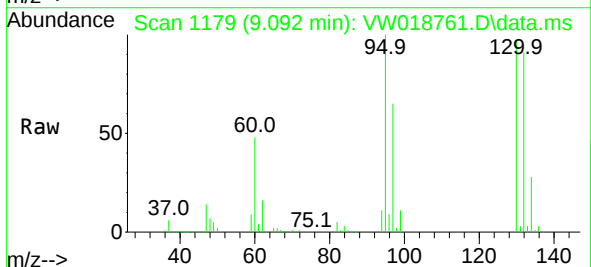
Tgt Ion: 78 Resp: 14946

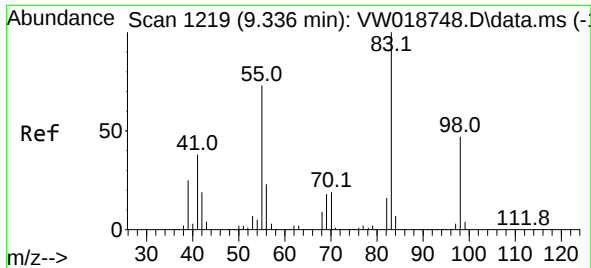


#34
Trichloroethene
Concen: 38.29 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

Tgt Ion: 95 Resp: 216034

Ion	Ratio	Lower	Upper
95	100		
97	64.8	47.3	87.8
132	91.0	71.0	131.8
130	96.5	65.1	120.9

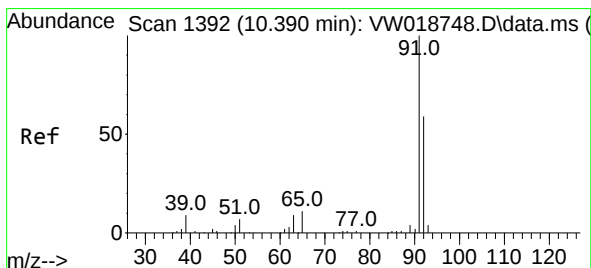
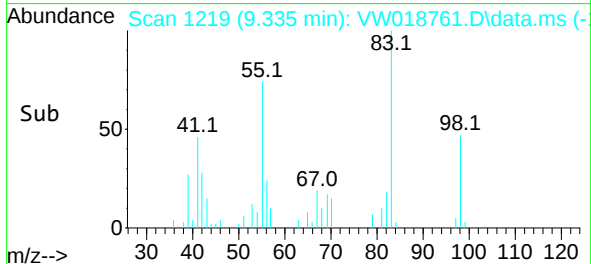
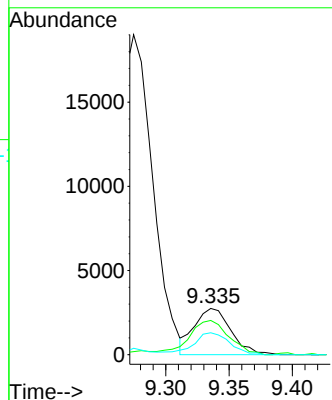
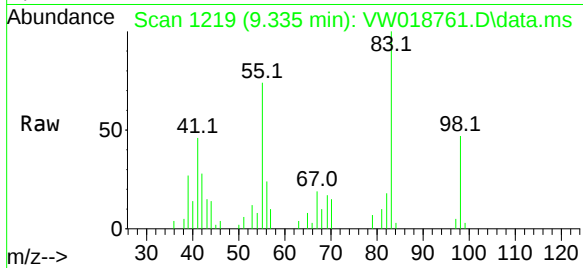




#35
Methylcyclohexane
Concen: 0.56 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

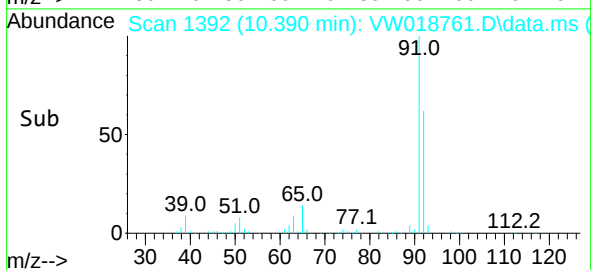
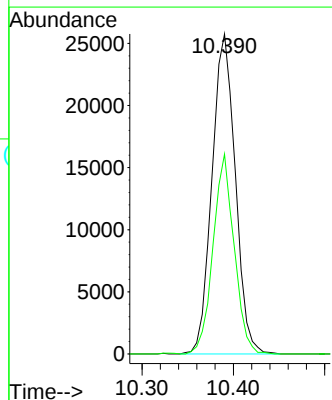
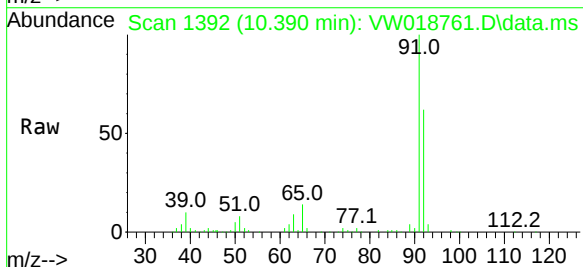
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ClientSampled :

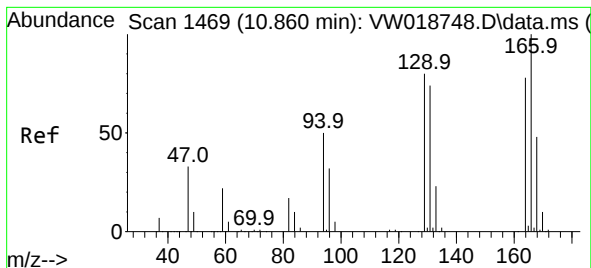
Tgt Ion: 83 Resp: 5530
Ion Ratio Lower Upper
83 100
55 80.6 58.9 88.3
98 46.6 40.1 60.1



#42
Toluene
Concen: 1.94 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

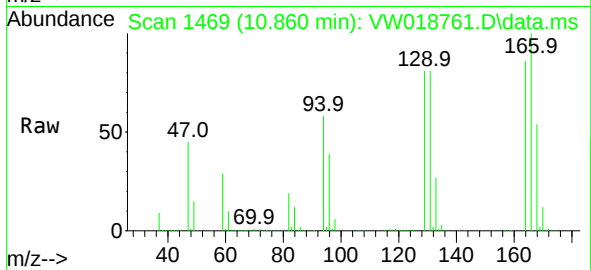
Tgt Ion: 91 Resp: 45720
Ion Ratio Lower Upper
91 100
92 62.5 39.5 73.3



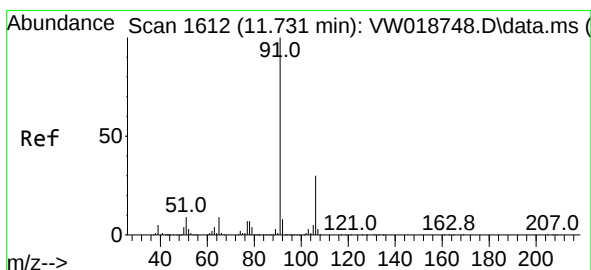
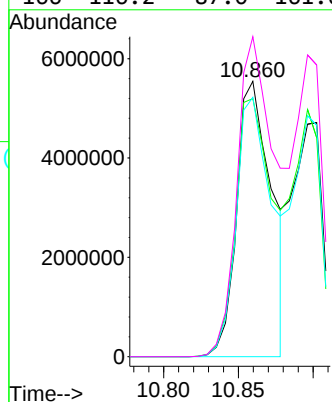
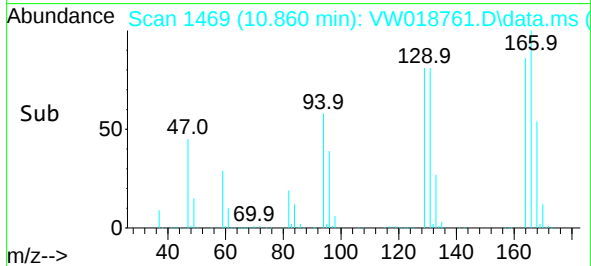


#46
Tetrachloroethene
Concen: 2249.47 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

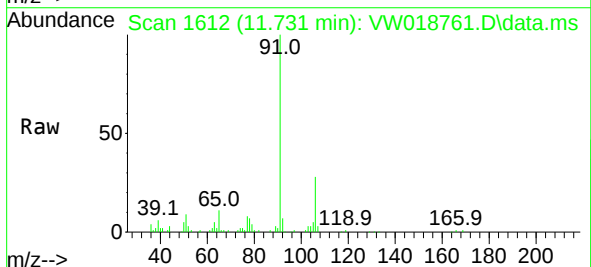
Instrument :
MSVOA_W
ClientSampled :



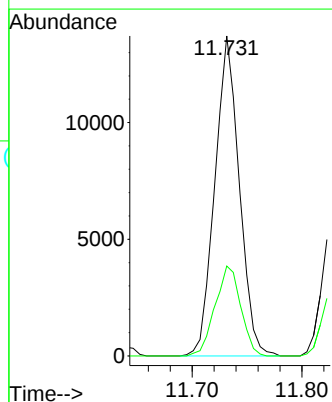
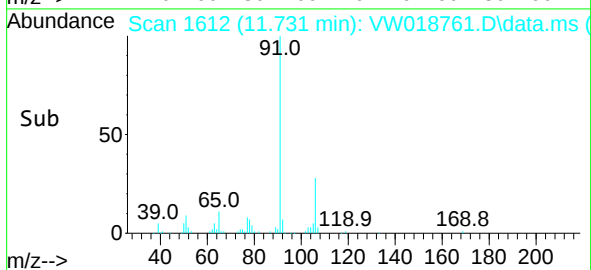
Tgt Ion:164 Resp: 8966674
Ion Ratio Lower Upper
164 100
129 93.8 66.7 123.9
131 94.2 61.1 113.5
166 116.2 87.0 161.6

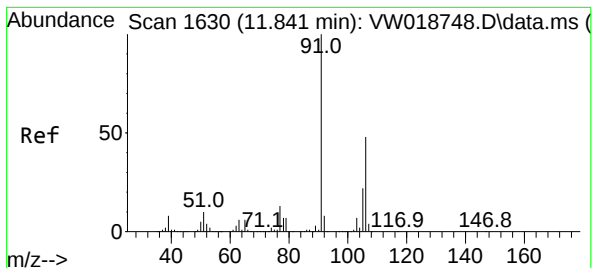


#52
Ethylbenzene
Concen: 0.82 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33



Tgt Ion: 91 Resp: 21275
Ion Ratio Lower Upper
91 100
106 28.1 22.5 41.7

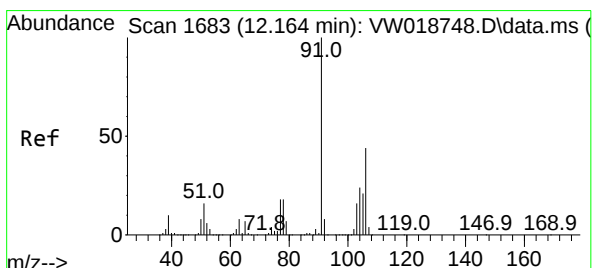
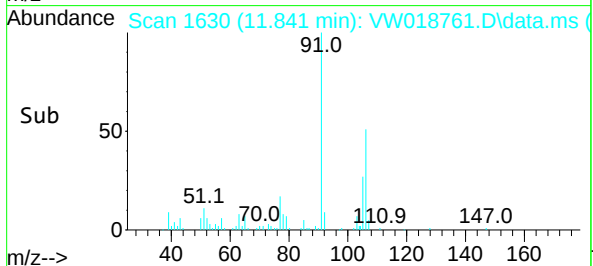
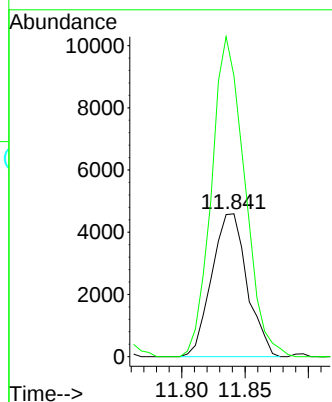
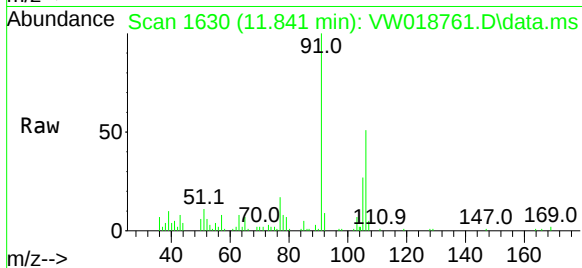




#53
m,p-Xylene
Concen: 0.94 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

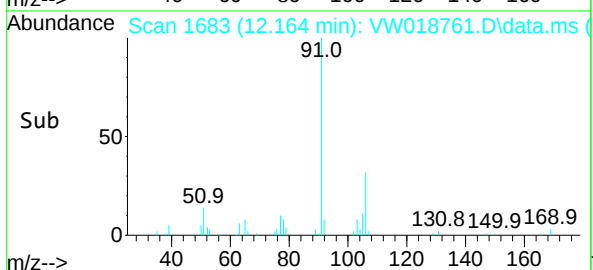
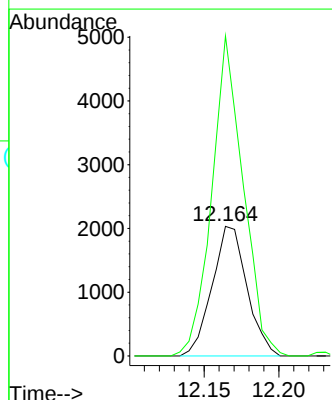
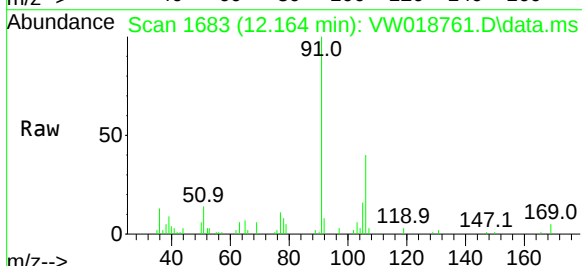
Instrument :
MSVOA_W
ClientSampled :

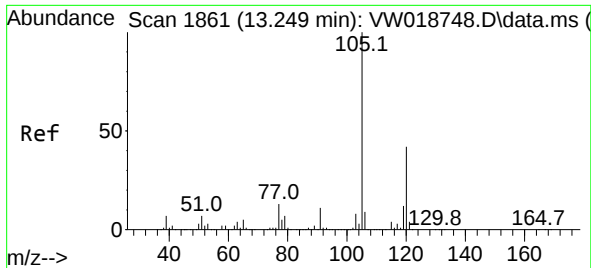
Tgt Ion:106 Resp: 8945
Ion Ratio Lower Upper
106 100
91 196.5 141.3 262.3



#54
o-Xylene
Concen: 0.36 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018761.D
Acq: 23 Apr 2021 16:33

Tgt Ion:106 Resp: 3294
Ion Ratio Lower Upper
106 100
91 246.9 150.0 278.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.88 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW018761.D
 Acq: 23 Apr 2021 16:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 13699
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.6 53.4

