

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042121\
 Data File : VW018705.D
 Acq On : 21 Apr 2021 12:22
 Operator : SY/VA
 Sample : M2065-08RE
 Misc : 3.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 01:21:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 22 01:20:40 2021
 Response via : Initial Calibration

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

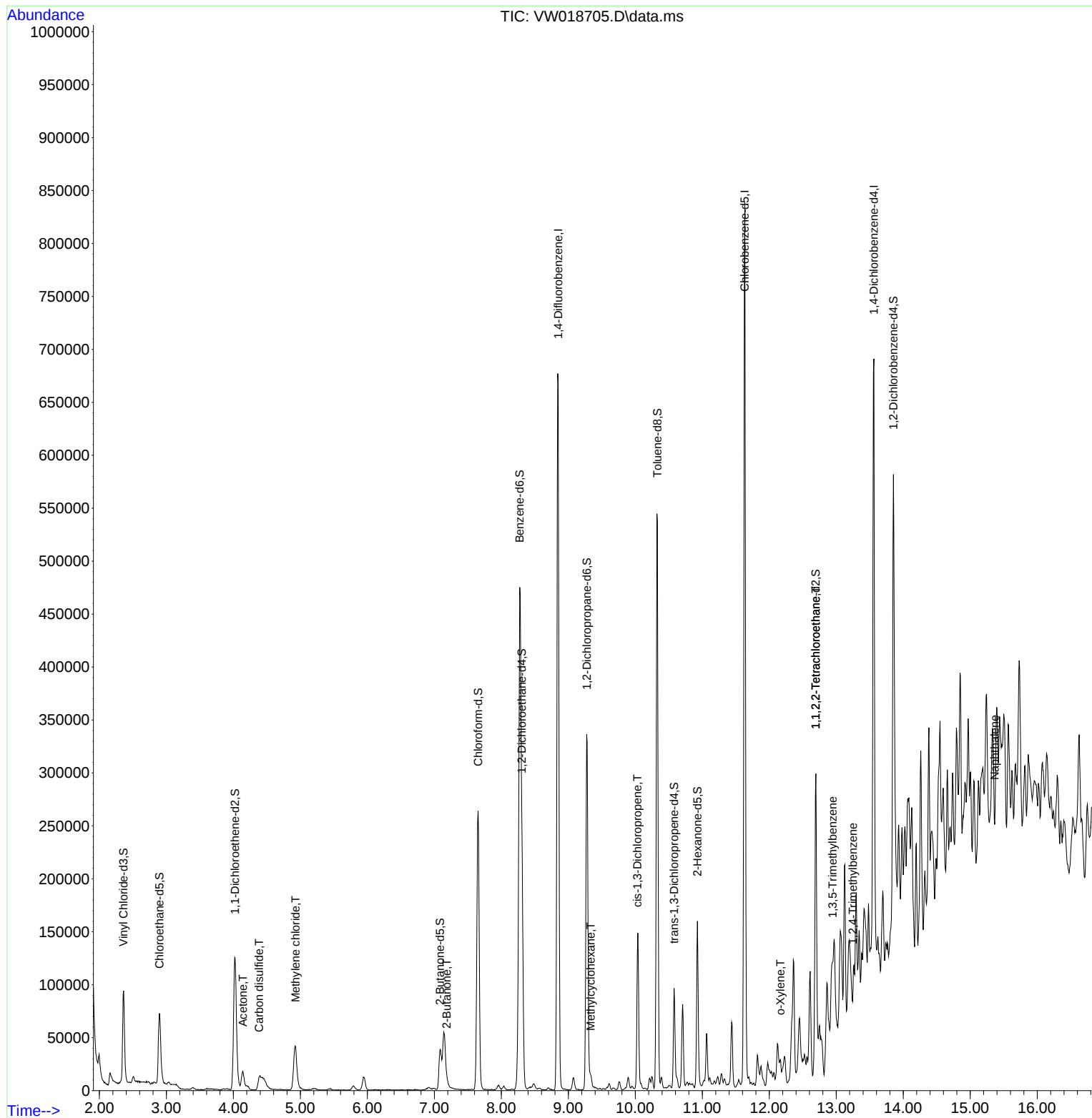
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	565703	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	442059	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	153114	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	101148	11.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	47.08%		
7) Chloroethane-d5	2.898	69	94190	12.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.44%		
11) 1,1-Dichloroethene-d2	4.025	63	137235	9.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	36.76%#		
21) 2-Butanone-d5	7.086	46	66364	33.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	67.82%		
24) Chloroform-d	7.653	84	268964	17.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.28%		
26) 1,2-Dichloroethane-d4	8.305	65	146043	16.73	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	66.92%#		
32) Benzene-d6	8.275	84	465617	17.95	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.80%		
36) 1,2-Dichloropropane-d6	9.274	67	159212	20.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.48%		
41) Toluene-d8	10.329	98	364945	15.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	61.56%		
43) trans-1,3-Dichloroprop...	10.579	79	52457	15.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	63.08%		
47) 2-Hexanone-d5	10.927	63	53493	39.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.72%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116124	17.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	71.16%		
66) 1,2-Dichlorobenzene-d4	13.853	152	99231	18.45	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.80%#		
Target Compounds					Qvalue	
13) Acetone	4.141	43	31769	22.37	ug/L	88
14) Carbon disulfide	4.385	76	16302	0.74	ug/L	99
16) Methylene chloride	4.928	84	34970	3.77	ug/L	91
22) 2-Butanone	7.183	43	12054	5.58	ug/L	83
35) Methylcyclohexane	9.335	83	2914	0.23	ug/L #	1
39) cis-1,3-Dichloropropene	10.030	75	4084	0.39	ug/L	99
54) o-Xylene	12.164	106	3999	0.34	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.695	83	5181	0.80	ug/L #	11
62) 1,3,5-Trimethylbenzene	12.945	105	10125	0.54	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	8315	0.45	ug/L	93
71) Naphthalene	15.365	128	8073	0.69	ug/L #	84

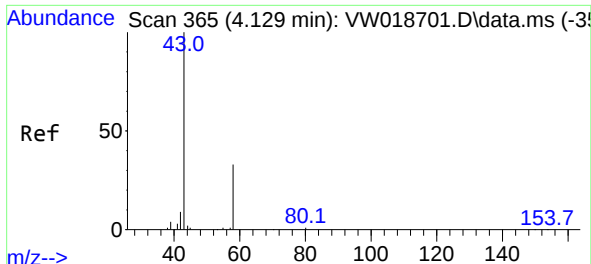
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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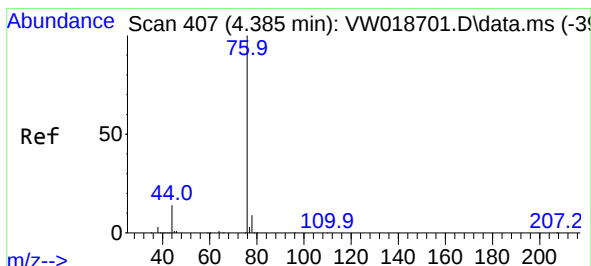
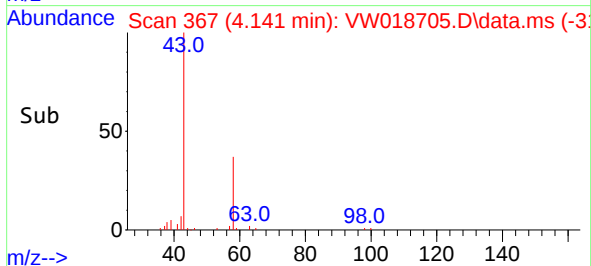
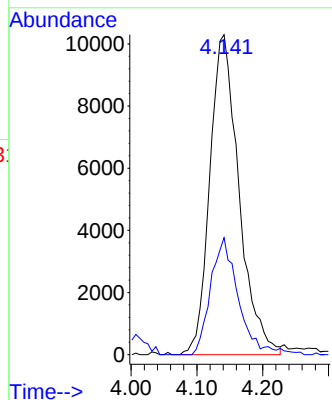
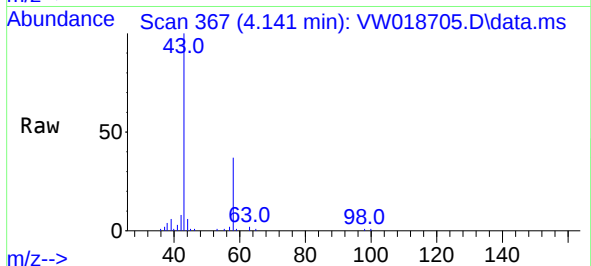




#13
Acetone
Concen: 22.37 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

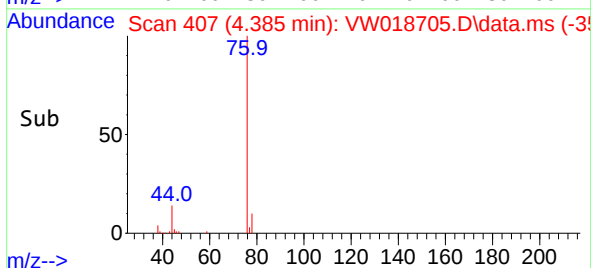
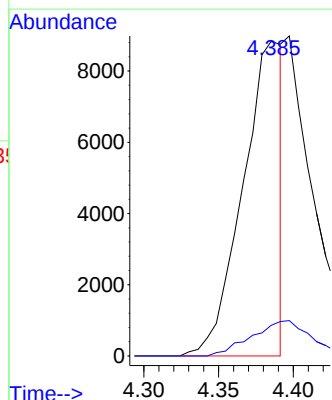
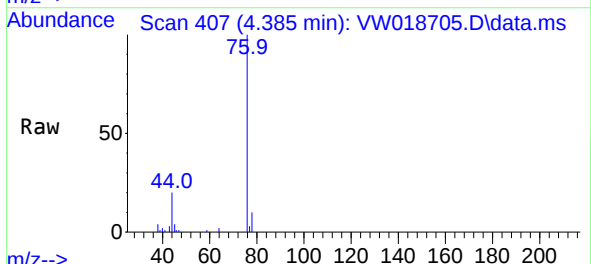
Instrument :
MSVOA_W
ClientSampled :

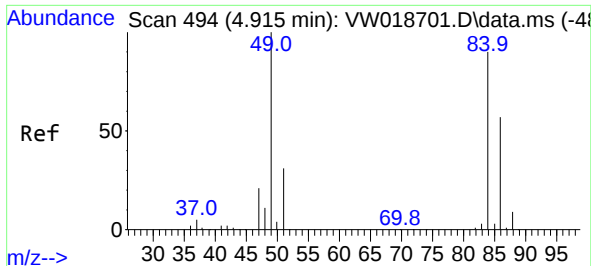
Tgt Ion: 43 Resp: 31769
Ion Ratio Lower Upper
43 100
58 33.2 0.0 53.8



#14
Carbon disulfide
Concen: 0.74 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Tgt Ion: 76 Resp: 16302
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

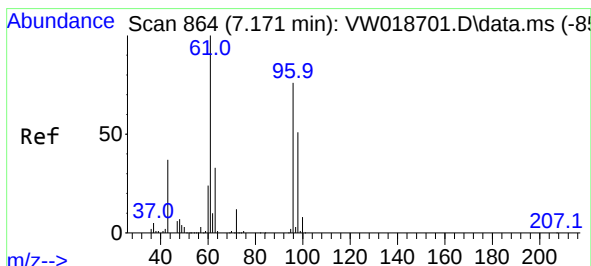
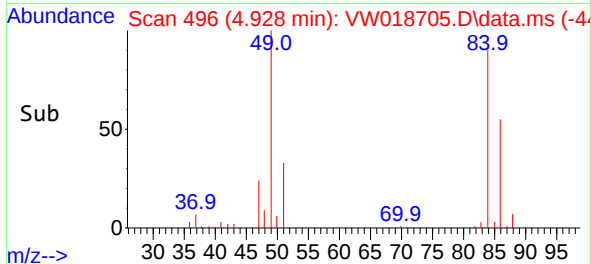
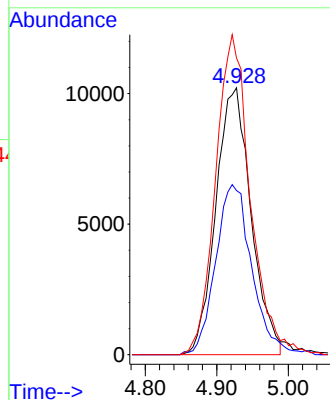
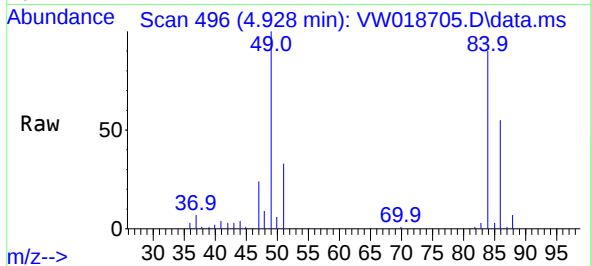




#16
Methylene chloride
Concen: 3.77 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

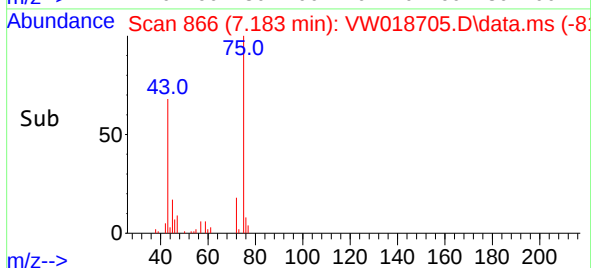
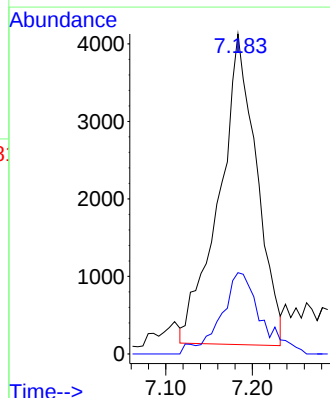
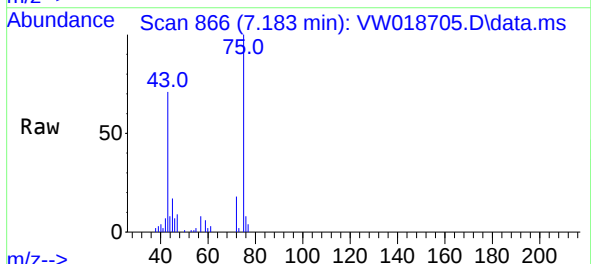
Instrument :
MSVOA_W
ClientSampled :

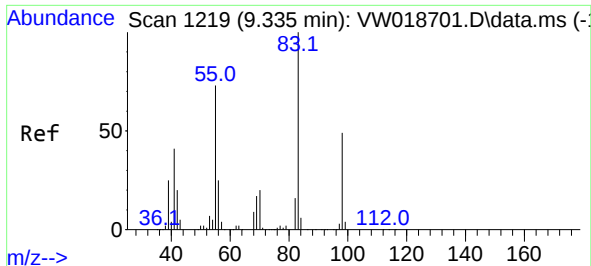
Tgt Ion: 84 Resp: 34970
Ion Ratio Lower Upper
84 100
86 61.5 45.3 84.1
49 111.1 86.6 160.8



#22
2-Butanone
Concen: 5.58 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Tgt Ion: 43 Resp: 12054
Ion Ratio Lower Upper
43 100
72 20.8 14.9 44.7

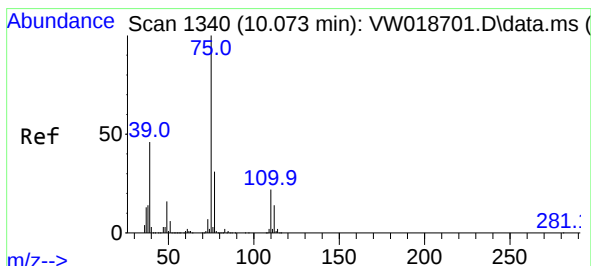
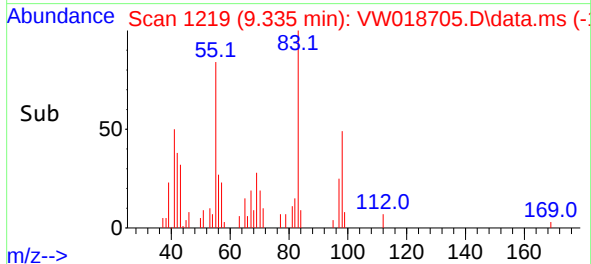
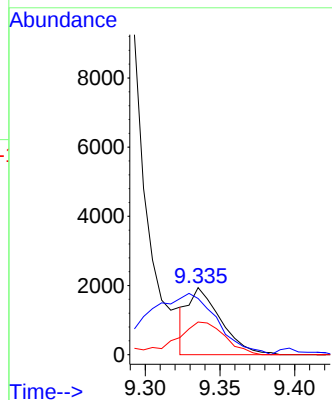
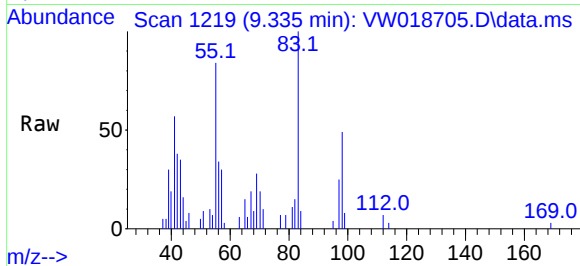




#35
Methylcyclohexane
Concen: 0.23 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

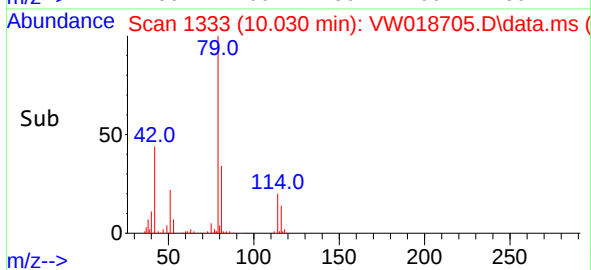
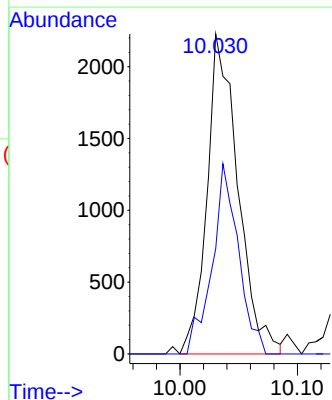
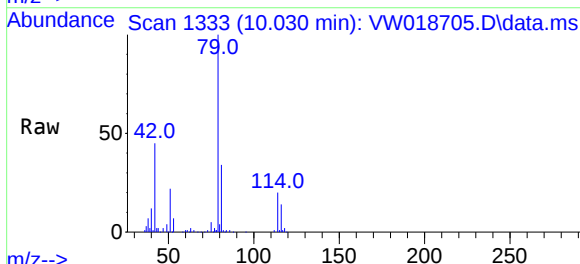
Instrument :
MSVOA_W
ClientSampled :

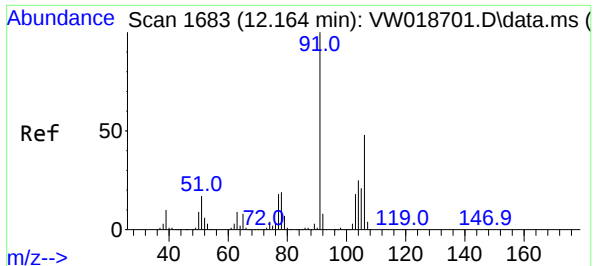
Tgt Ion: 83 Resp: 2914
Ion Ratio Lower Upper
83 100
55 211.8 58.9 88.3#
98 70.8 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Tgt Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
77 32.9 22.6 42.0

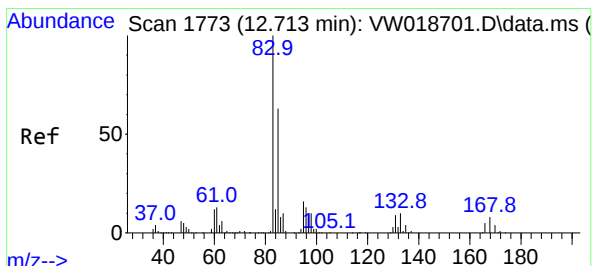
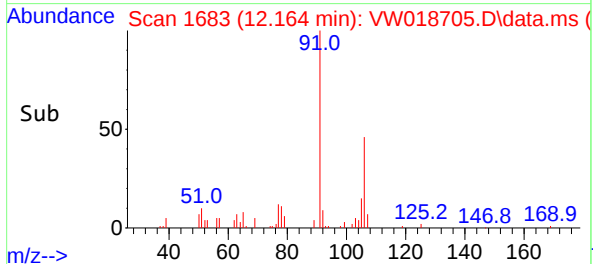
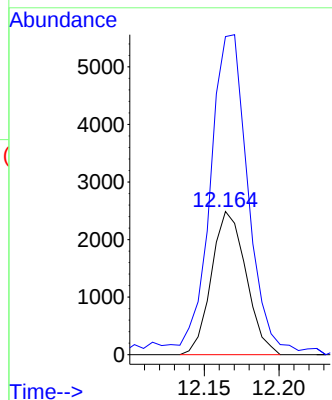
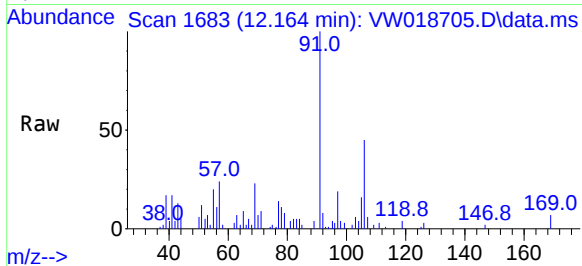




#54
o-Xylene
Concen: 0.34 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

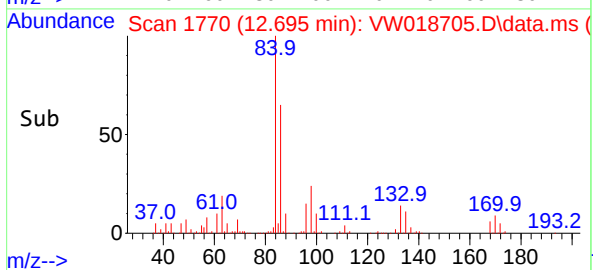
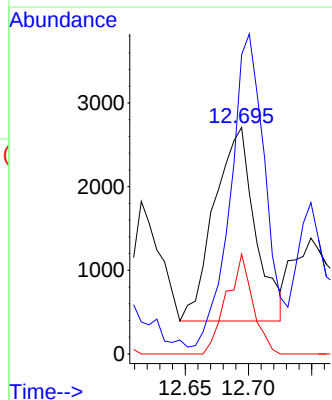
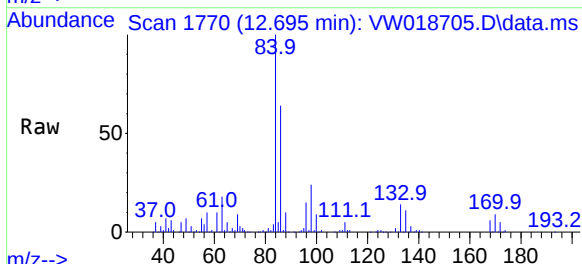
Instrument :
MSVOA_W
ClientSampled :

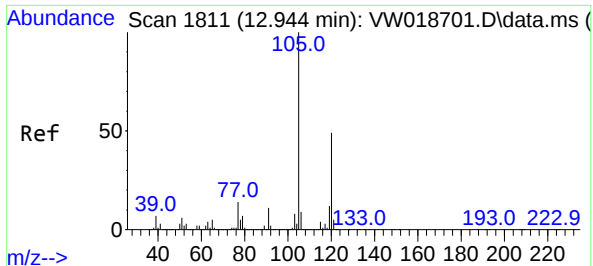
Tgt Ion:106 Resp: 3999
Ion Ratio Lower Upper
106 100
91 222.0 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.80 ug/L
RT: 12.695 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Tgt Ion: 83 Resp: 5181
Ion Ratio Lower Upper
83 100
85 132.2 44.4 82.4#
131 44.1 8.2 12.4#

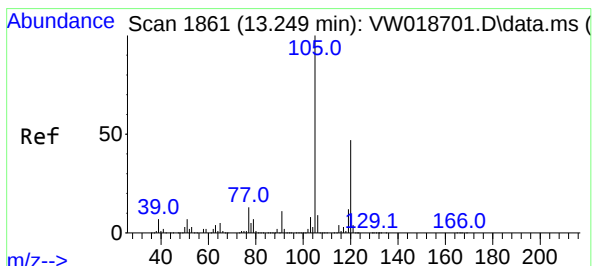
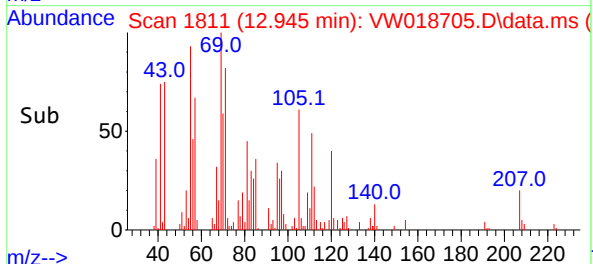
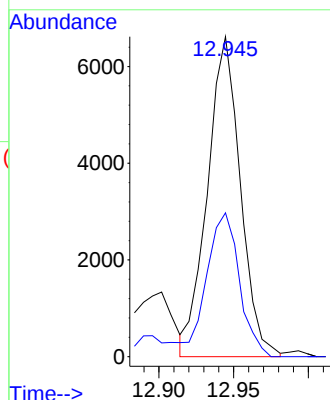
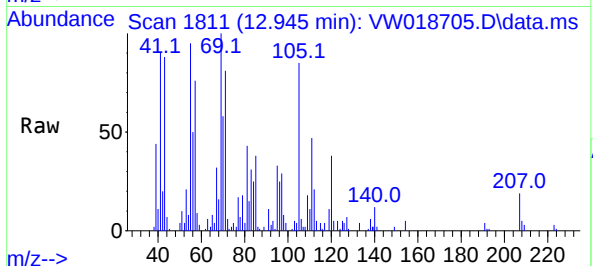




#62
1,3,5-Trimethylbenzene
Concen: 0.54 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

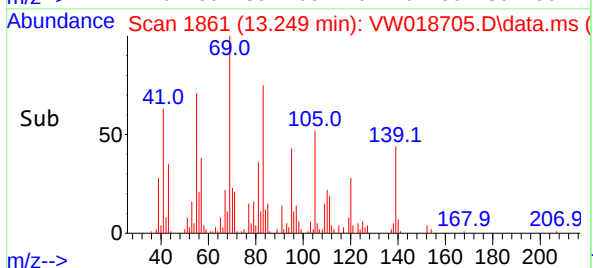
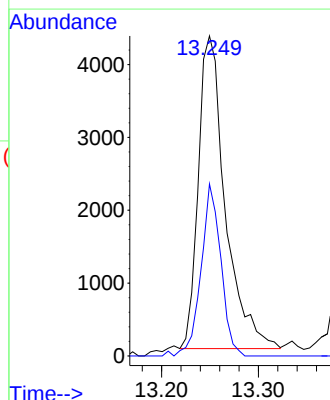
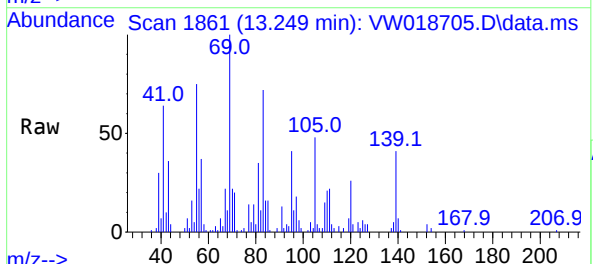
Instrument :
MSVOA_W
ClientSampled :

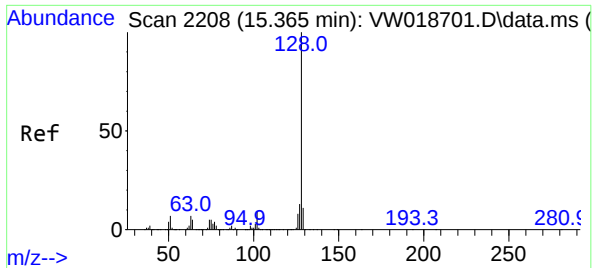
Tgt Ion:105 Resp: 10125
Ion Ratio Lower Upper
105 100
120 44.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 0.45 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Tgt Ion:105 Resp: 8315
Ion Ratio Lower Upper
105 100
120 40.2 35.6 53.4





#71
Naphthalene
Concen: 0.69 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018705.D
Acq: 21 Apr 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	8073
Ion	Ratio	Lower	Upper
128	100		
127	22.9	10.6	15.8#
129	8.7	9.0	13.6#

