

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018906.D
 Acq On : 03 May 2021 18:09
 Operator : SY/VA
 Sample : M2209-19
 Misc : 6.14G/10ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 04 01:18:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	531126	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	429314	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	166578	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	155166	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.08%
7) Chloroethane-d5	2.891	69	131370	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
11) 1,1-Dichloroethene-d2	4.025	63	234449	17.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.32%
21) 2-Butanone-d5	7.086	46	85022	47.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.82%
24) Chloroform-d	7.653	84	334921	24.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.08%
26) 1,2-Dichloroethane-d4	8.305	65	189318	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
32) Benzene-d6	8.275	84	668083	27.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.16%
36) 1,2-Dichloropropane-d6	9.274	67	197612	27.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.84%
41) Toluene-d8	10.323	98	609527	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
43) trans-1,3-Dichloroprop...	10.579	79	90117	27.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.24%
47) 2-Hexanone-d5	10.927	63	63243	49.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.16%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	151112	24.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.12%
66) 1,2-Dichlorobenzene-d4	13.853	152	146353	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

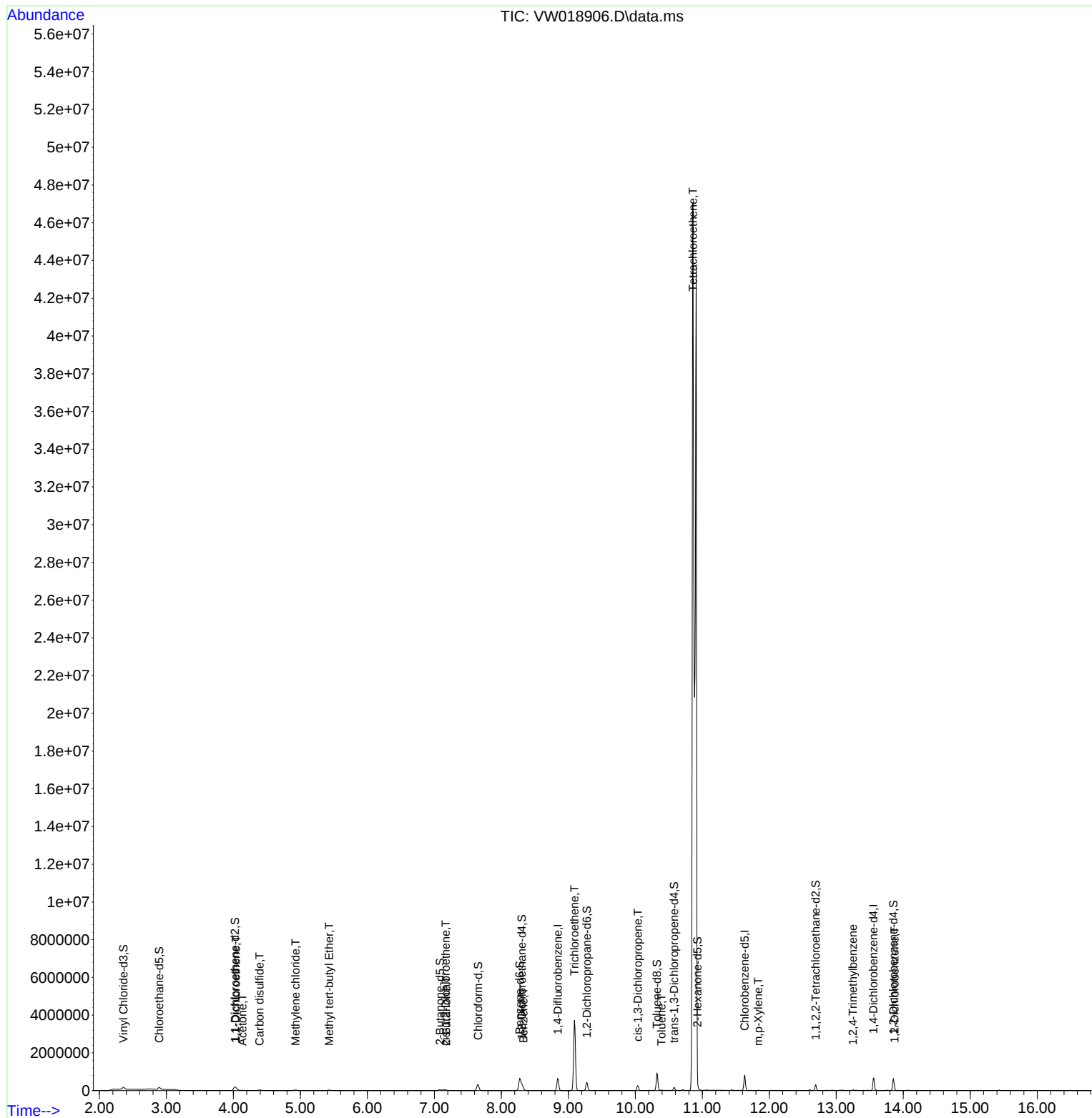
Target Compounds					Qvalue
12) 1,1-Dichloroethene	4.038	96	9810	1.43 ug/L	# 1
13) Acetone	4.135	43	20816	15.31 ug/L	87
14) Carbon disulfide	4.391	76	80739	3.97 ug/L	97
16) Methylene chloride	4.928	84	29385	3.35 ug/L	86
18) Methyl tert-butyl Ether	5.428	73	47430	4.66 ug/L	# 77
20) cis-1,2-Dichloroethene	7.171	96	8993	1.15 ug/L	99
22) 2-Butanone	7.177	43	13198	7.00 ug/L	99
33) Benzene	8.329	78	89479	3.48 ug/L	100
34) Trichloroethene	9.092	95	1286819	187.65 ug/L	92
39) cis-1,3-Dichloropropene	10.036	75	7015	0.71 ug/L	# 69
42) Toluene	10.390	91	12806	0.45 ug/L	96
46) Tetrachloroethene	10.860	164	9378894	1818.75 ug/L	92
53) m,p-Xylene	11.835	106	4157	0.36 ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	22115	1.11 ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	11744	1.29 ug/L	92

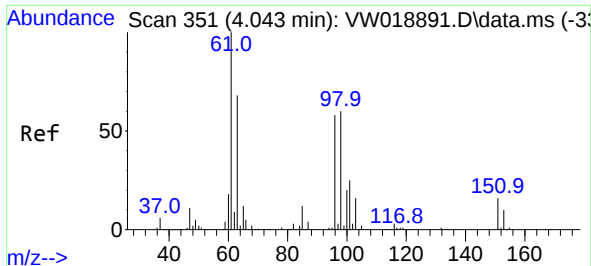
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
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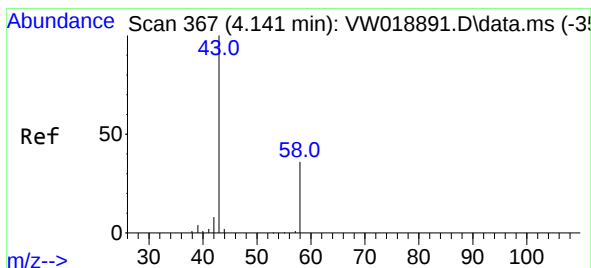
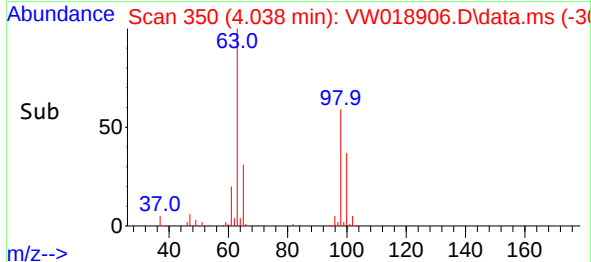
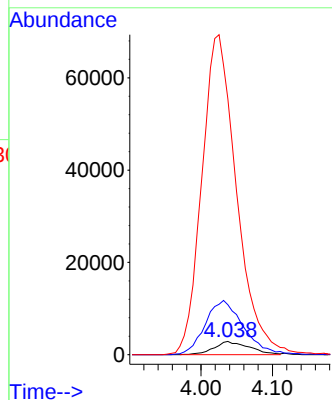
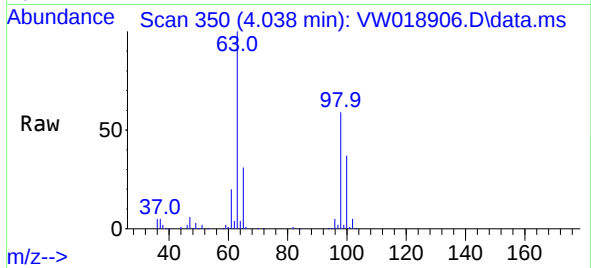




#12
1,1-Dichloroethene
Concen: 1.43 ug/L
RT: 4.038 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

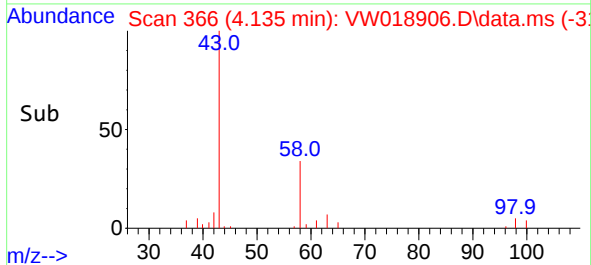
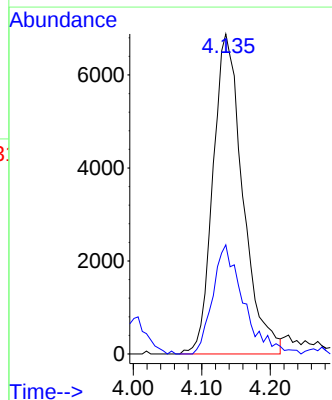
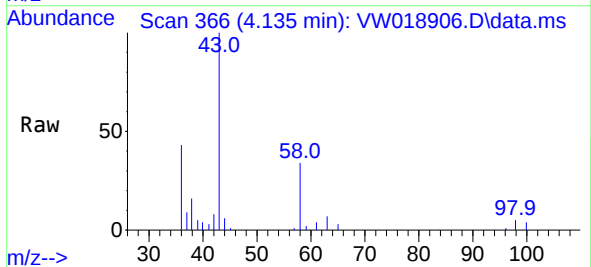
Instrument :
MSVOA_W
ClientSampled :

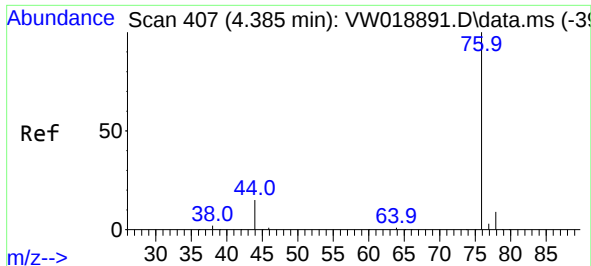
Tgt Ion: 96 Resp: 9810
Ion Ratio Lower Upper
96 100
61 378.0 118.1 219.3#
63 1933.8 83.7 155.5#



#13
Acetone
Concen: 15.31 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

Tgt Ion: 43 Resp: 20816
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8

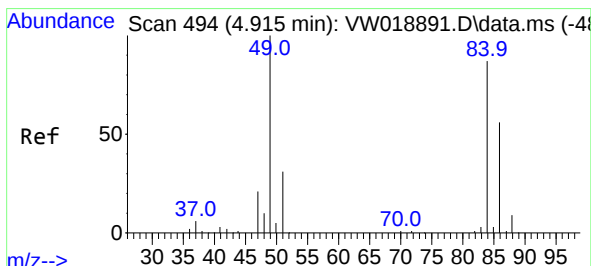
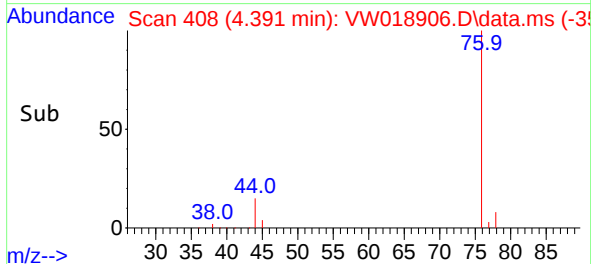
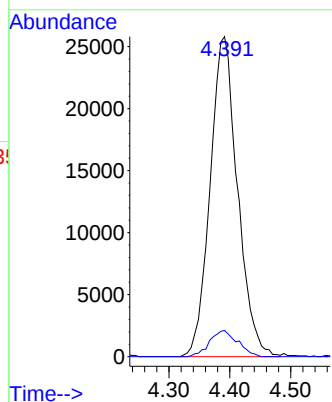
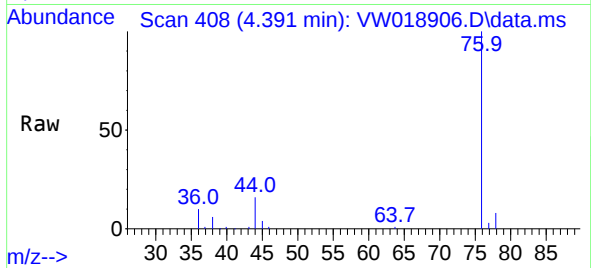




#14
Carbon disulfide
Concen: 3.97 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

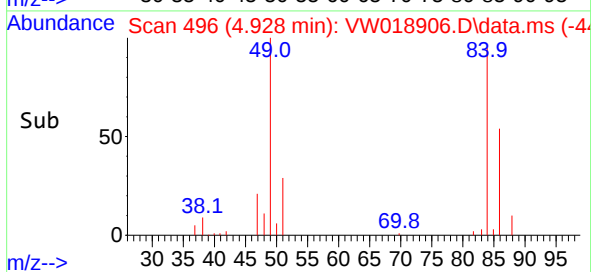
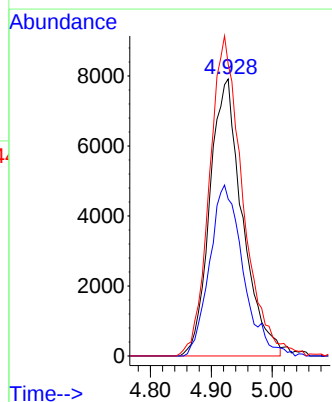
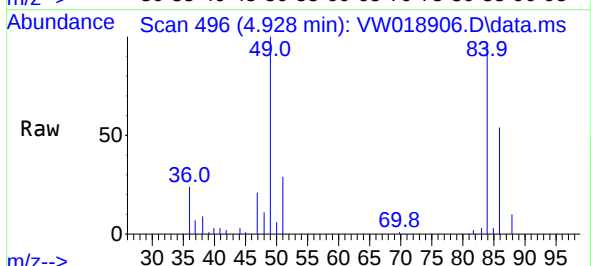
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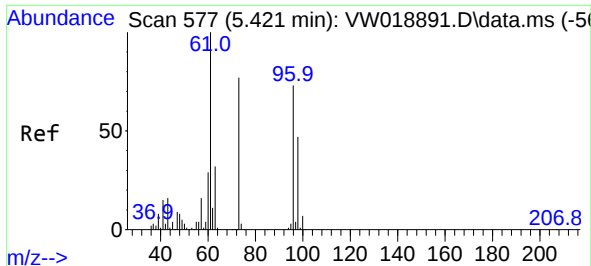
Tgt Ion: 76 Resp: 80739
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0



#16
Methylene chloride
Concen: 3.35 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

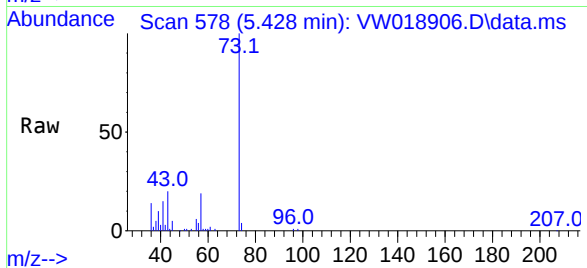
Tgt Ion: 84 Resp: 29385
Ion Ratio Lower Upper
84 100
86 56.6 45.3 84.1
49 105.2 86.6 160.8



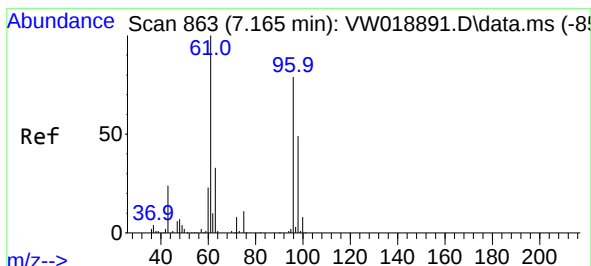
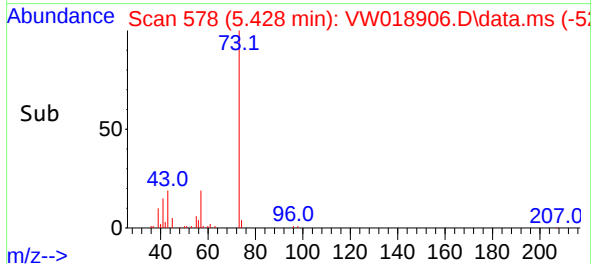
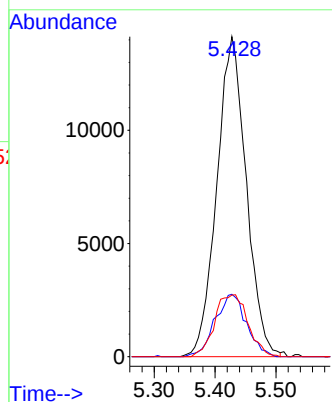


#18
Methyl tert-butyl Ether
Concen: 4.66 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

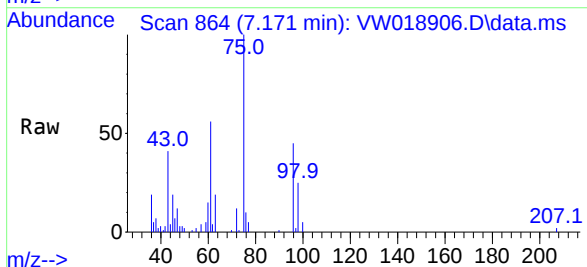
Instrument :
MSVOA_W
ClientSampled :



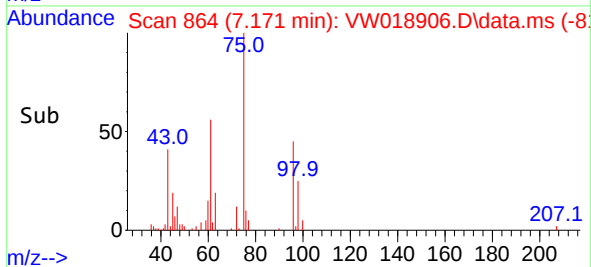
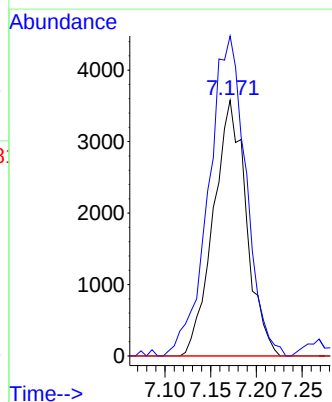
Tgt Ion: 73 Resp: 47430
Ion Ratio Lower Upper
73 100
43 20.8 17.7 26.5
57 0.0 17.0 25.4#

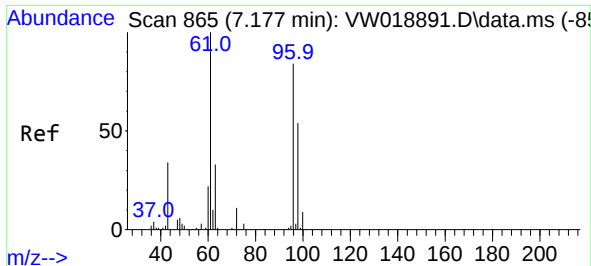


#20
cis-1,2-Dichloroethene
Concen: 1.15 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09



Tgt Ion: 96 Resp: 8993
Ion Ratio Lower Upper
96 100
61 125.1 88.5 164.3
68 0.0 0.0 0.0

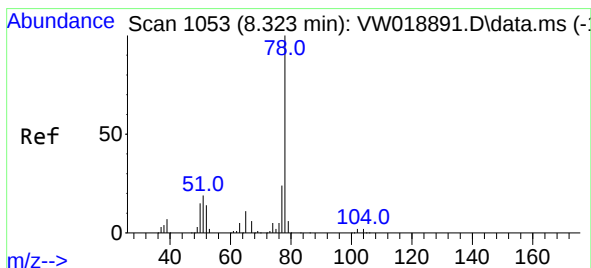
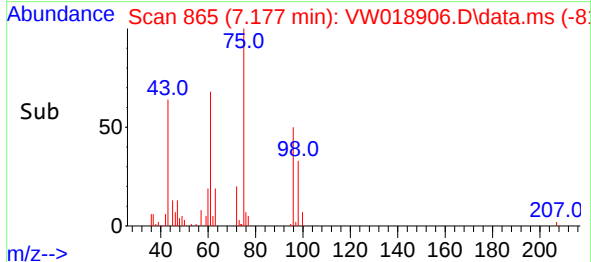
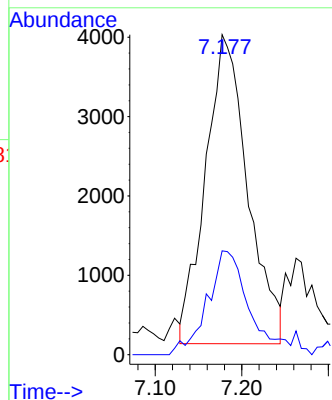
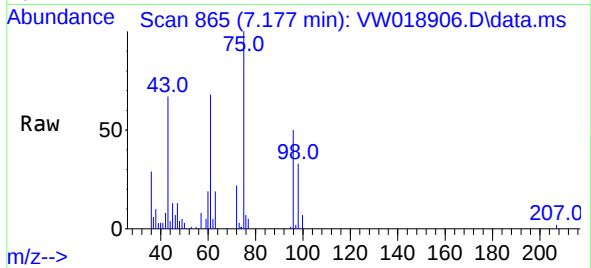




#22
2-Butanone
Concen: 7.00 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

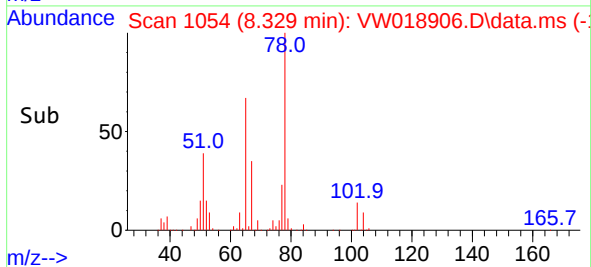
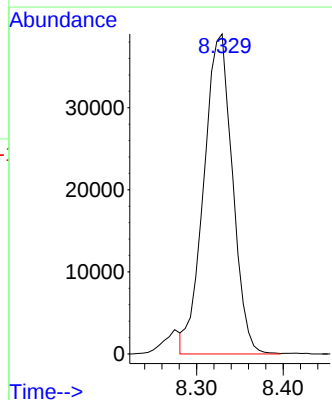
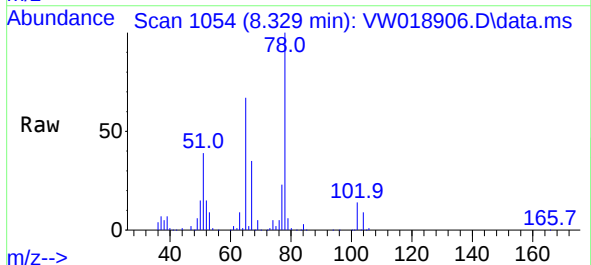
Instrument :
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ClientSampled :

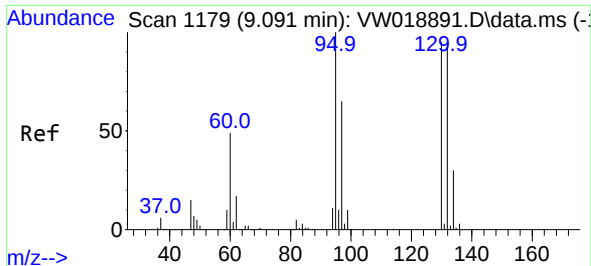
Tgt Ion: 43 Resp: 13198
Ion Ratio Lower Upper
43 100
72 30.6 14.9 44.7



#33
Benzene
Concen: 3.48 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

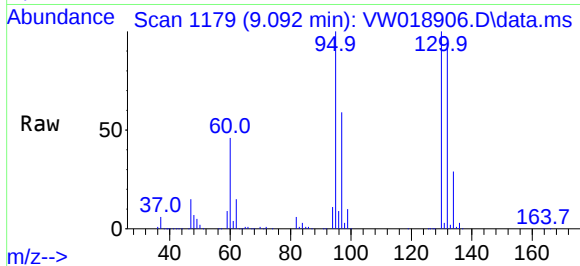
Tgt Ion: 78 Resp: 89479



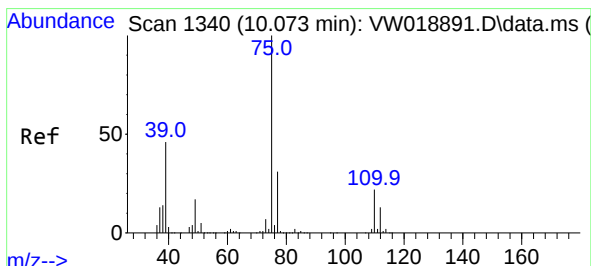
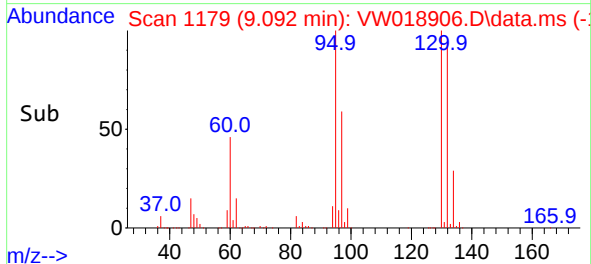
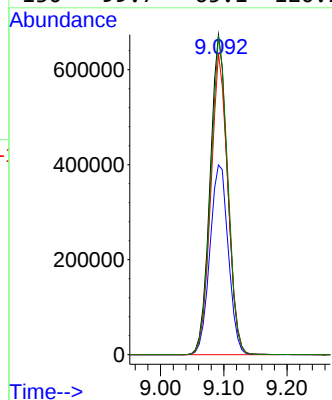


#34
Trichloroethene
Concen: 187.65 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

Instrument :
MSVOA_W
ClientSampled :

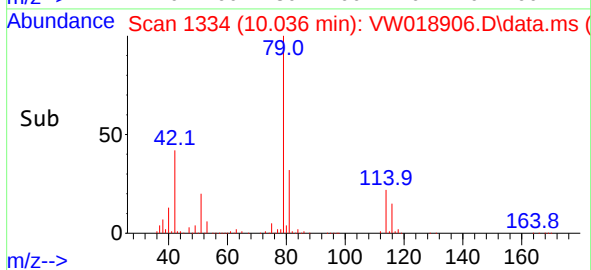
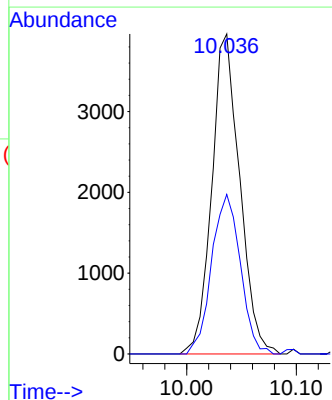
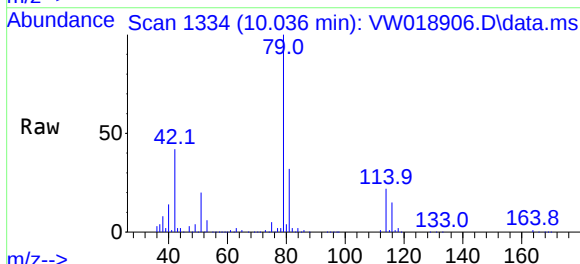


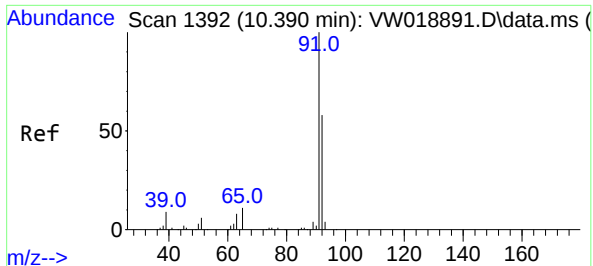
Tgt Ion: 95 Resp: 1286819
Ion Ratio Lower Upper
95 100
97 59.3 47.3 87.8
132 94.2 71.0 131.8
130 99.7 65.1 120.9



#39
cis-1,3-Dichloropropene
Concen: 0.71 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

Tgt Ion: 75 Resp: 7015
Ion Ratio Lower Upper
75 100
77 49.9 22.6 42.0#

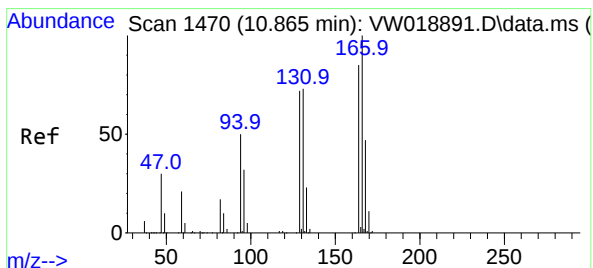
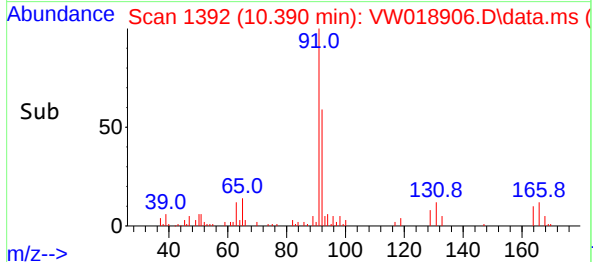
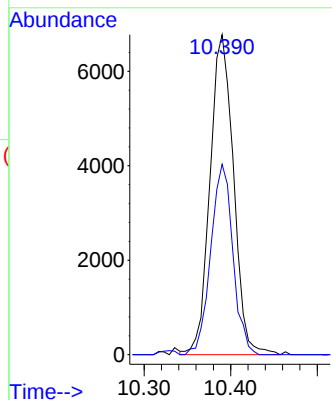
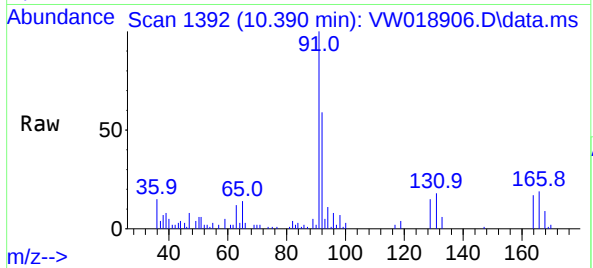




#42
Toluene
Concen: 0.45 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

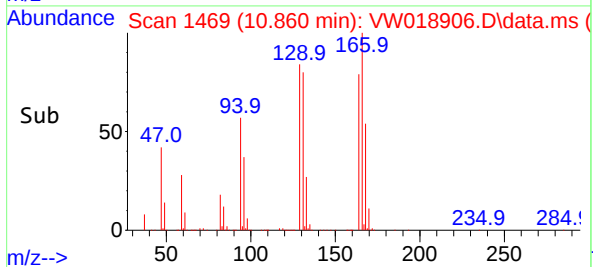
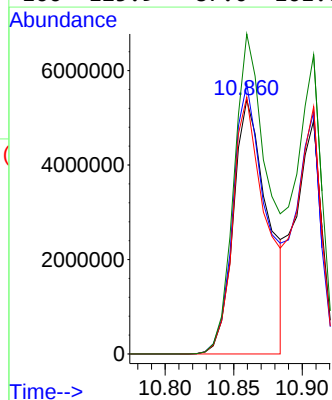
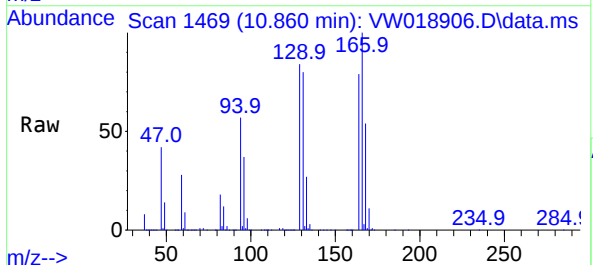
Instrument :
MSVOA_W
ClientSampled :

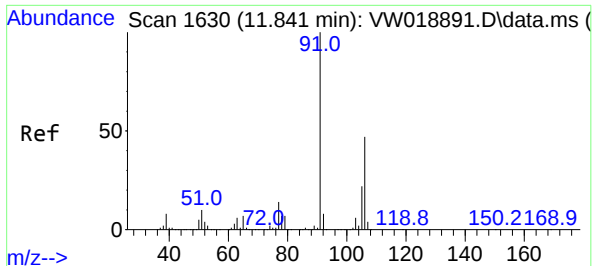
Tgt Ion: 91 Resp: 12806
Ion Ratio Lower Upper
91 100
92 59.5 39.5 73.3



#46
Tetrachloroethene
Concen: 1818.75 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

Tgt Ion:164 Resp: 9378894
Ion Ratio Lower Upper
164 100
129 106.3 66.7 123.9
131 101.1 61.1 113.5
166 125.9 87.0 161.6

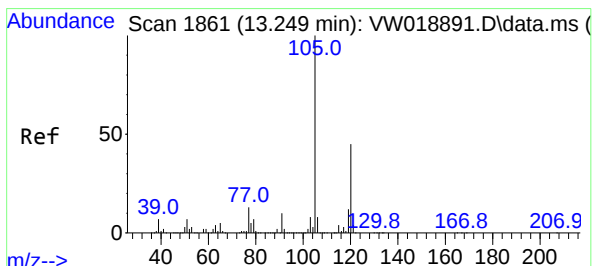
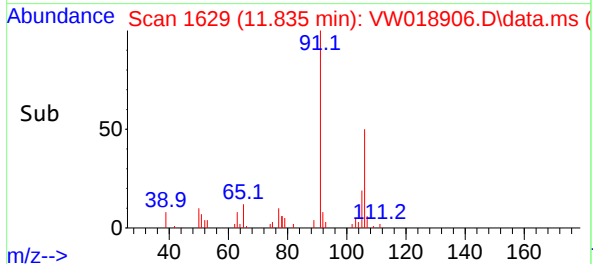
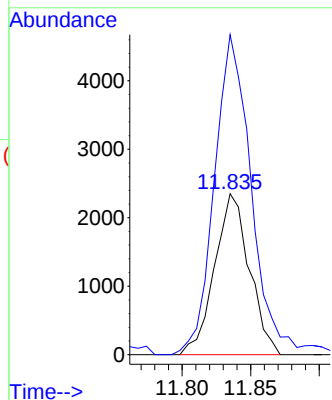
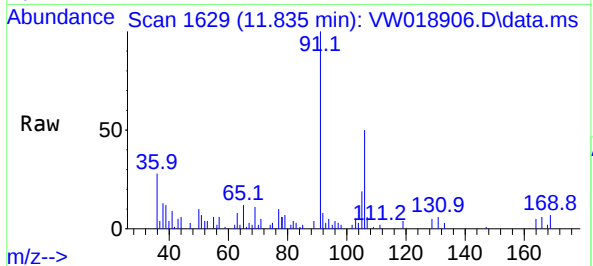




#53
m,p-Xylene
Concen: 0.36 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

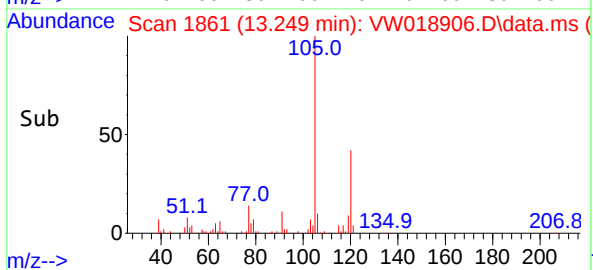
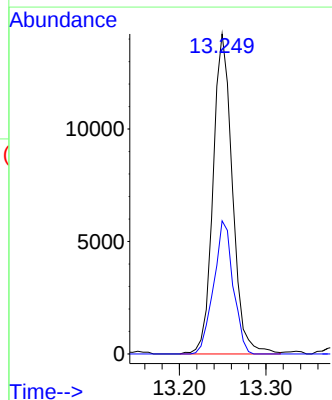
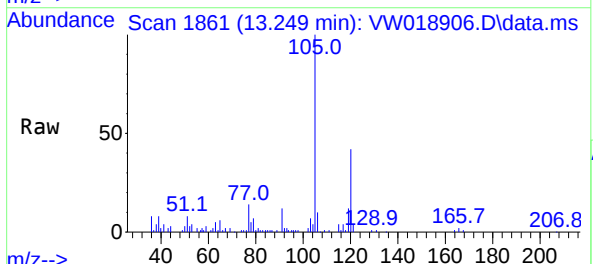
Instrument :
MSVOA_W
ClientSampled :

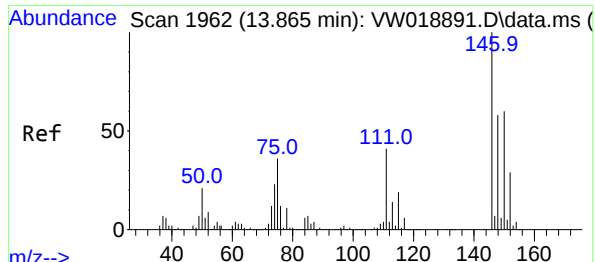
Tgt Ion:106 Resp: 4157
Ion Ratio Lower Upper
106 100
91 198.7 141.3 262.3



#63
1,2,4-Trimethylbenzene
Concen: 1.11 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

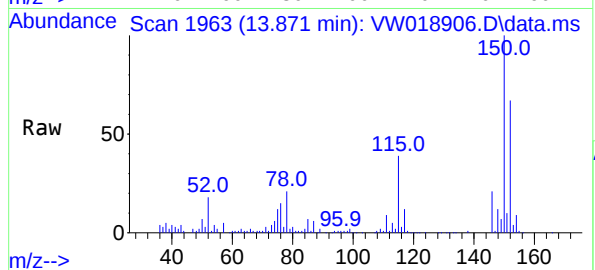
Tgt Ion:105 Resp: 22115
Ion Ratio Lower Upper
105 100
120 41.7 35.6 53.4





#67
1,2-Dichlorobenzene
Concen: 1.29 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018906.D
Acq: 03 May 2021 18:09

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	146	Resp:	11744
Ion	Ratio	Lower	Upper
146	100		
111	43.8	33.2	49.8
148	55.1	50.4	75.6

