

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018405.D
 Acq On : 19 Mar 2021 22:51
 Operator : SY/VA
 Sample : M1685-06RE
 Misc : 5.40G/10ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG492RE

Quant Time: Mar 20 04:01:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

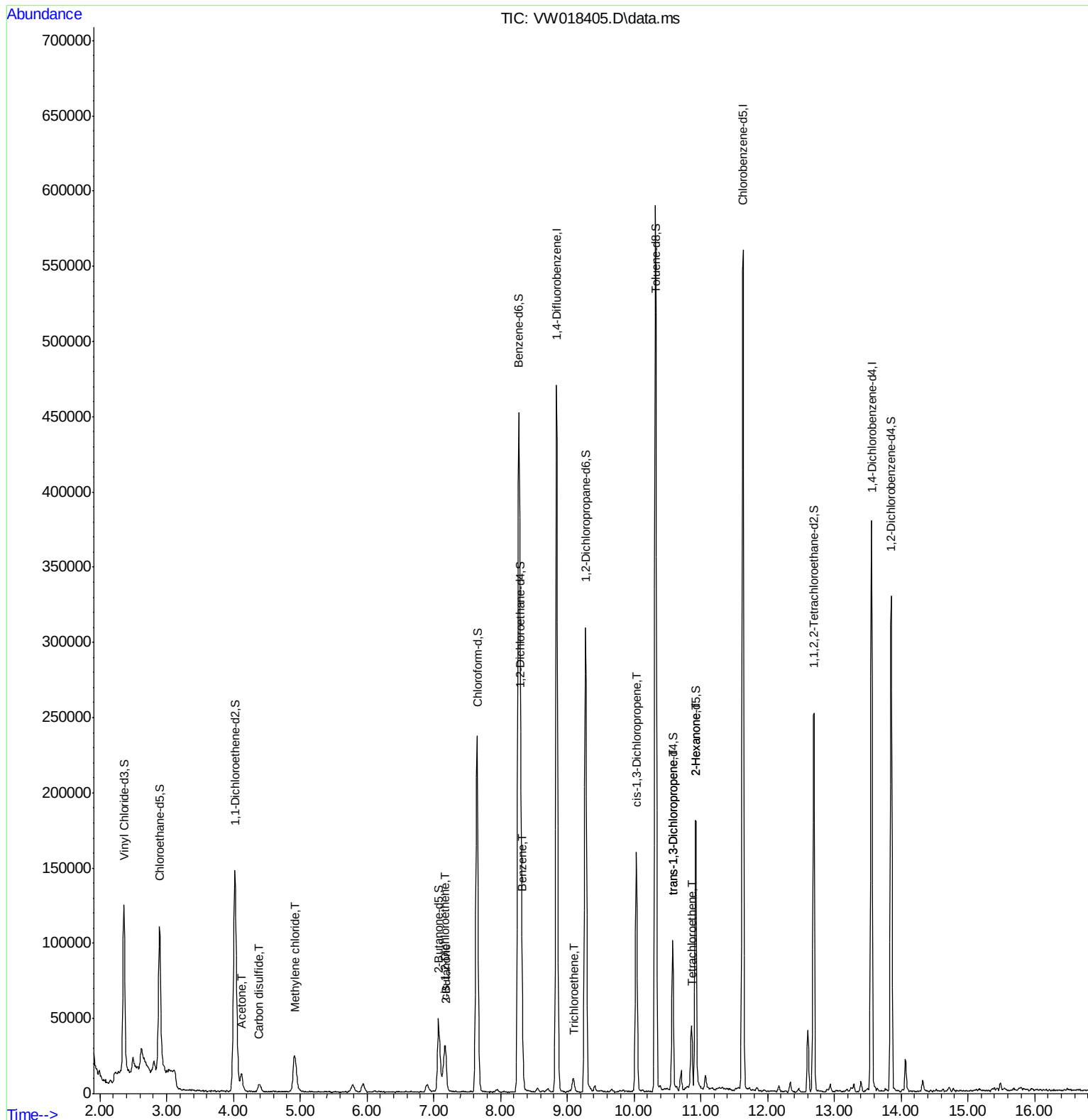
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	385761	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	293056	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	94729	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	136165	25.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.48%			
7) Chloroethane-d5	2.891	69	125948	26.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.20%			
10) 1,1-Dichloroethene-d2	4.025	63	161939	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.88%			
20) 2-Butanone-d5	7.074	46	80266	67.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 134.32%			
24) Chloroform-d	7.653	84	234054	23.82	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.28%			
26) 1,2-Dichloroethane-d4	8.305	65	147354	25.69	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.76%			
29) Benzene-d6	8.275	84	454339	29.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 116.64%			
33) 1,2-Dichloropropane-d6	9.274	67	133360	29.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 118.72%			
37) Toluene-d8	10.323	98	387116	25.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.24%			
38) trans-1,3-Dichloroprop...	10.579	79	50889	21.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.84%			
39) 2-Hexanone-d5	10.927	63	62757	71.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.72%#			
48) 1,1,2,2-Tetrachloroeth...	12.695	84	123840	30.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.24%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	80757	23.98	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.92%			
Target Compounds						Qvalue
13) Acetone	4.117	43	18193	21.19	ug/L	93
14) Carbon disulfide	4.379	76	8193	0.56	ug/L #	95
16) Methylene chloride	4.922	84	21234	3.36	ug/L	94
21) 2-Butanone	7.177	43	5540	4.06	ug/L	99
22) cis-1,2-Dichloroethene	7.165	96	15739	2.80	ug/L	92
34) Benzene	8.323	78	13472	0.79	ug/L	100
35) Trichloroethene	9.098	95	2794	0.60	ug/L	97
42) cis-1,3-Dichloropropene	10.036	75	4410	0.63	ug/L #	67
45) trans-1,3-Dichloropropene	10.579	75	2998	0.48	ug/L	84
47) Tetrachloroethene	10.866	164	8925	2.51	ug/L	91
49) 2-Hexanone	10.927	43	7878	4.46	ug/L #	65

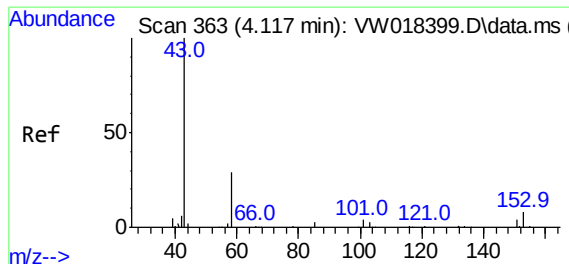
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 20 03:58:53 2021
Response via : Initial Calibration

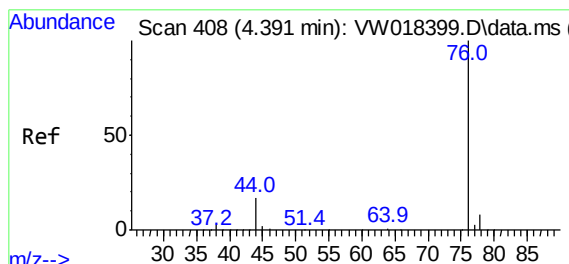
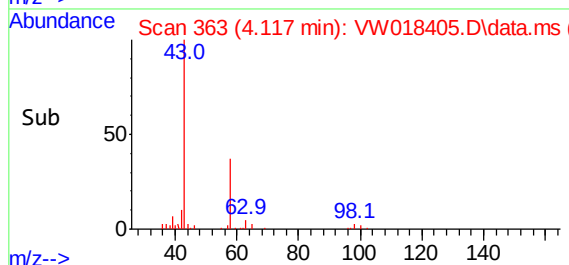
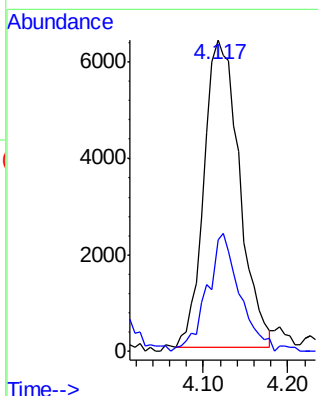
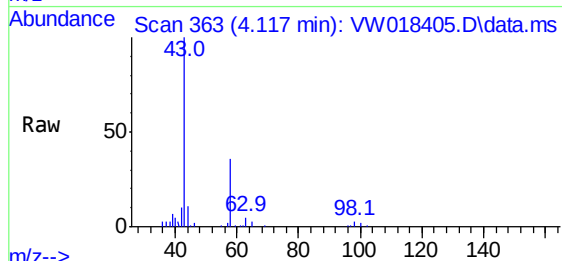




#13
Acetone
Concen: 21.19 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

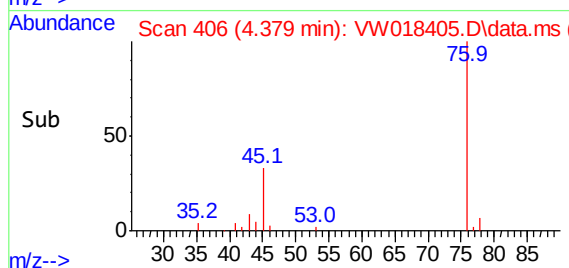
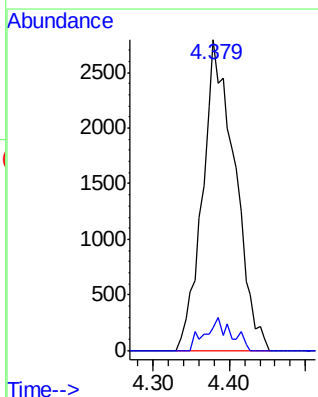
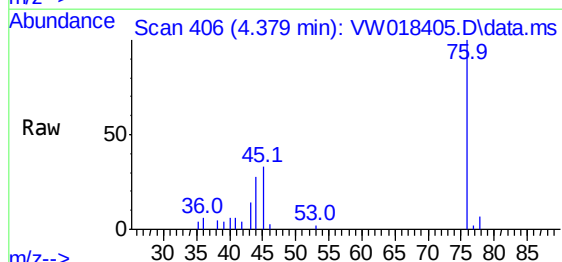
Instrument :
MSVOA_W
ClientSampleId :
BG492RE

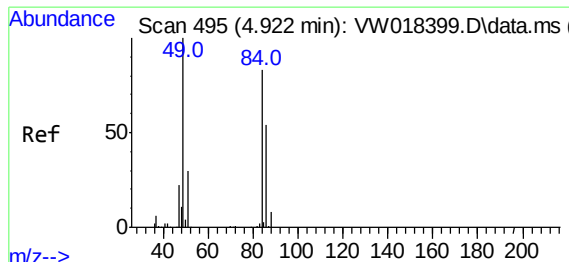
Tgt Ion: 43 Resp: 18193
Ion Ratio Lower Upper
43 100
58 34.8 0.0 62.2



#14
Carbon disulfide
Concen: 0.56 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.012 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Tgt Ion: 76 Resp: 8193
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.2#



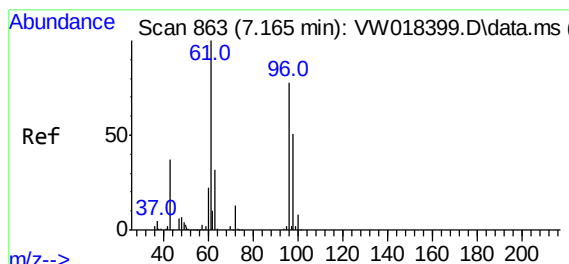
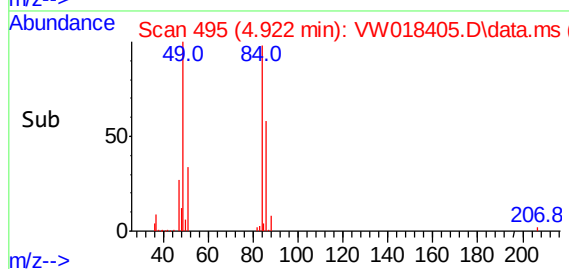
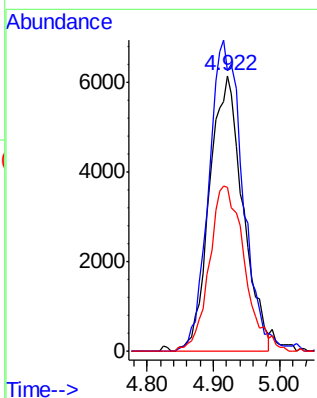
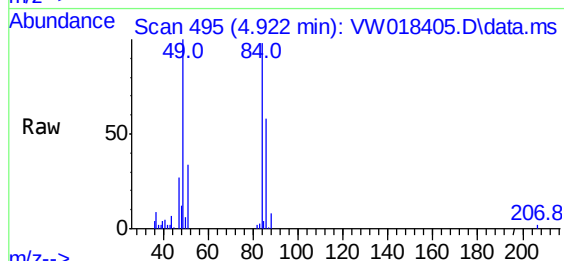


#16
Methylene chloride
Concen: 3.36 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Instrument :
MSVOA_W
ClientSampleId :
BG492RE

Tgt Ion: 84 Resp: 21234

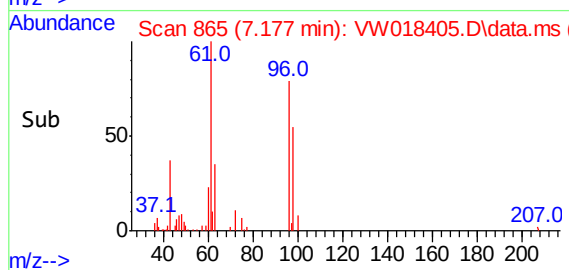
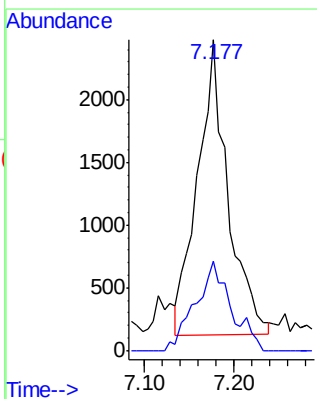
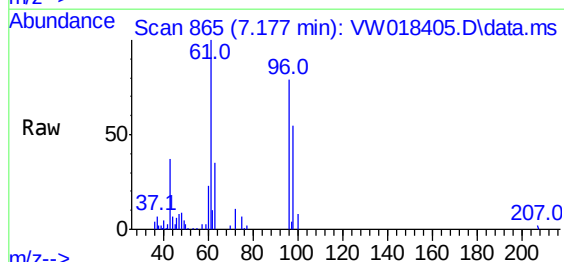
Ion	Ratio	Lower	Upper
84	100		
49	101.8	74.4	138.2
86	59.3	46.1	85.7

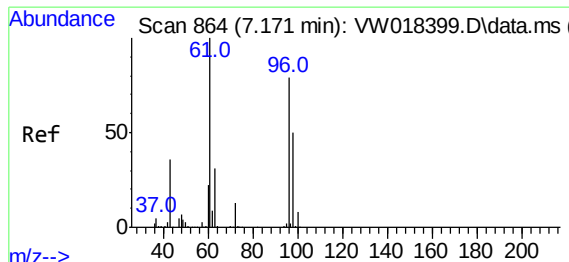


#21
2-Butanone
Concen: 4.06 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Tgt Ion: 43 Resp: 5540

Ion	Ratio	Lower	Upper
43	100		
72	32.4	16.5	49.5



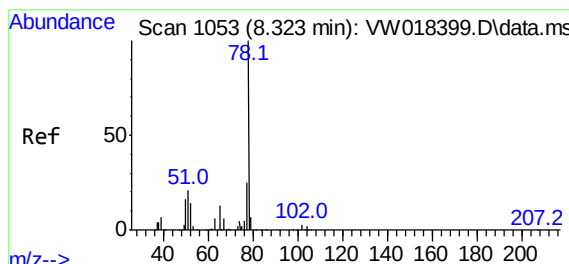
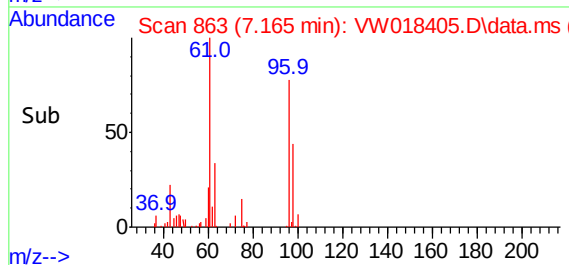
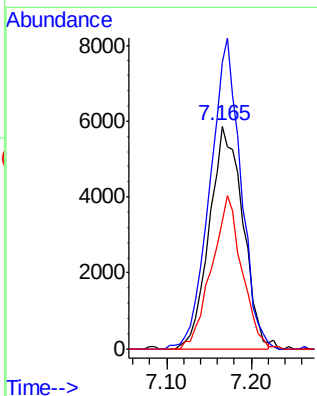
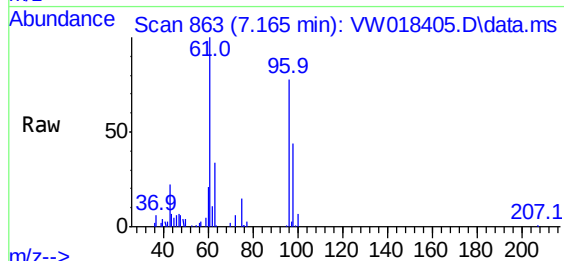


#22
cis-1,2-Dichloroethene
Concen: 2.80 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Instrument :
MSVOA_W
ClientSampleId :
BG492RE

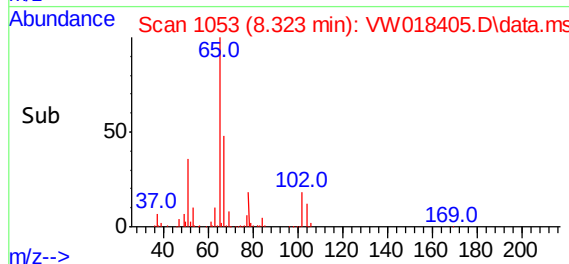
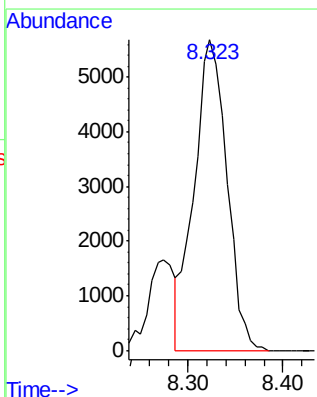
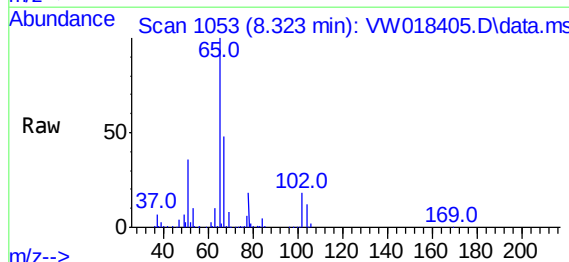
Tgt Ion: 96 Resp: 15739

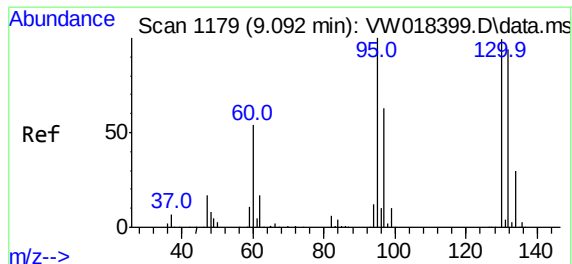
Ion	Ratio	Lower	Upper
96	100		
61	128.8	84.8	157.6
98	57.3	45.1	83.9



#34
Benzene
Concen: 0.79 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

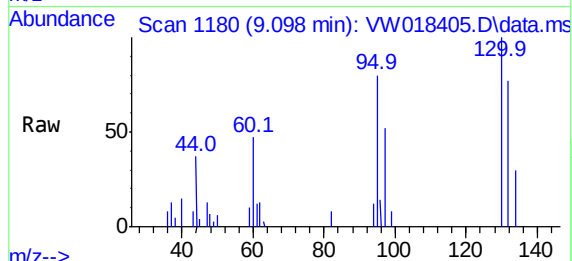
Tgt Ion: 78 Resp: 13472





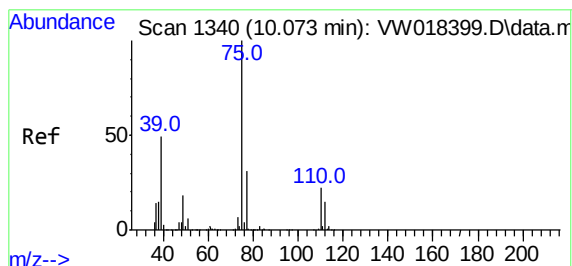
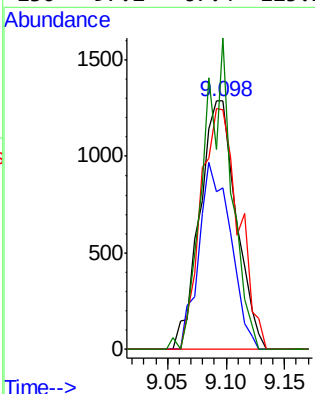
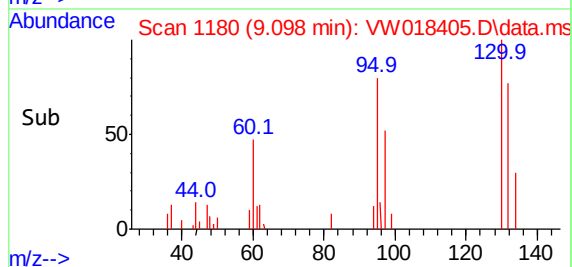
#35
Trichloroethene
Concen: 0.60 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Instrument :
MSVOA_W
ClientSampleId :
BG492RE

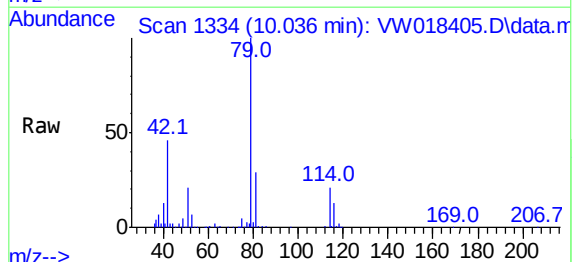


Tgt Ion: 95 Resp: 2794

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.4	82.4
132	99.9	65.9	122.5
130	97.2	67.4	125.2

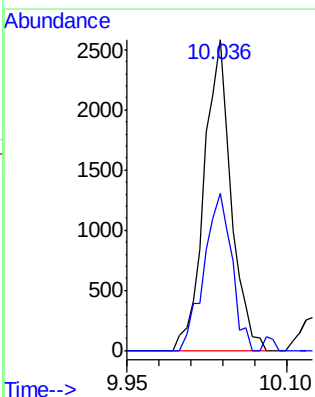
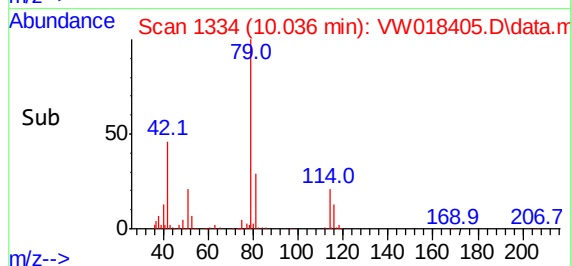


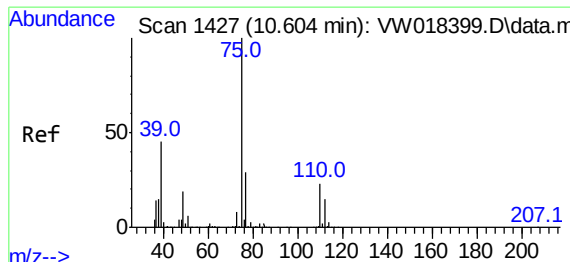
#42
cis-1,3-Dichloropropene
Concen: 0.63 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51



Tgt Ion: 75 Resp: 4410

Ion	Ratio	Lower	Upper
75	100		
77	50.6	22.4	41.6

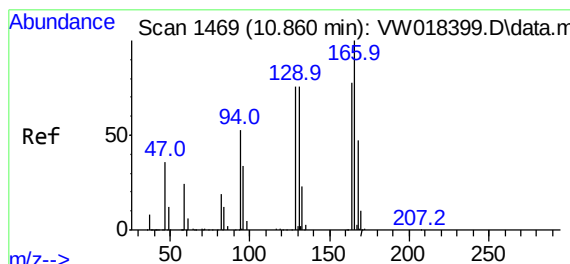
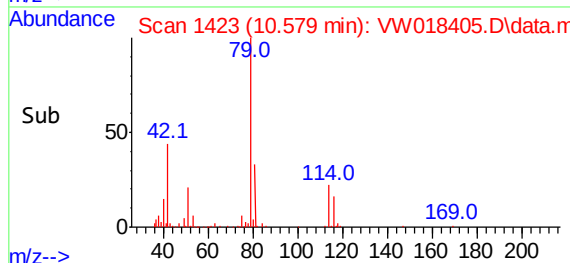
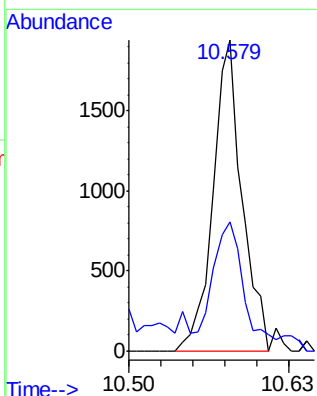
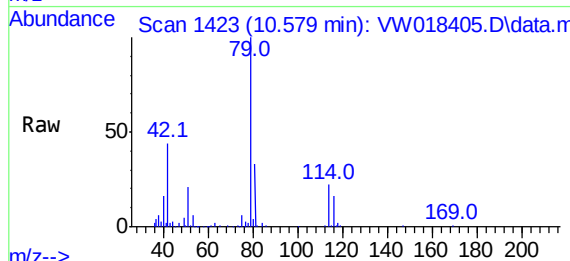




#45
trans-1,3-Dichloropropene
Concen: 0.48 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

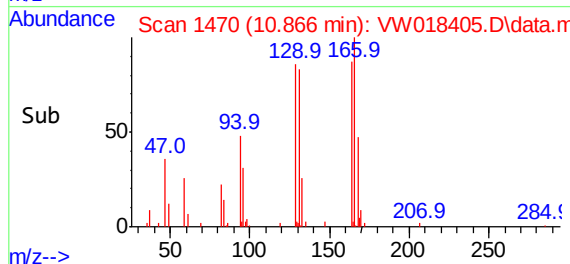
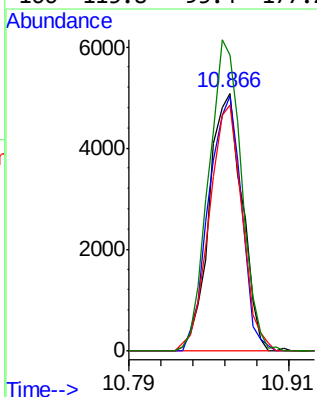
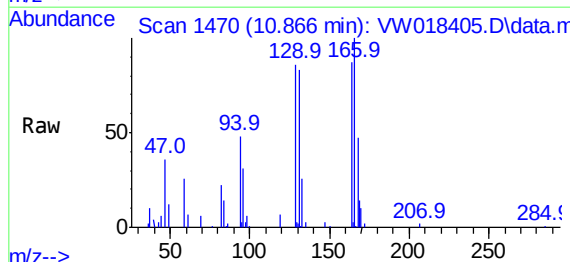
Instrument :
MSVOA_W
ClientSampled :
BG492RE

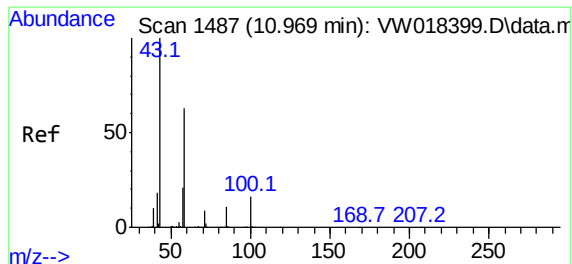
Tgt Ion: 75 Resp: 2998
Ion Ratio Lower Upper
75 100
77 41.4 22.6 42.0



#47
Tetrachloroethene
Concen: 2.51 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

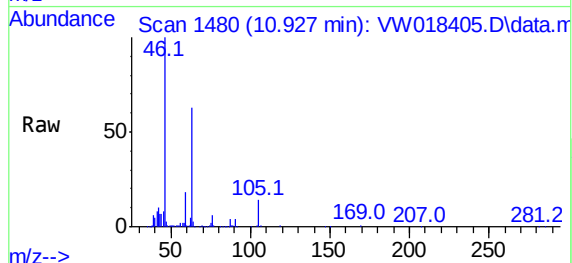
Tgt Ion: 164 Resp: 8925
Ion Ratio Lower Upper
164 100
129 102.0 68.8 127.8
131 95.5 68.3 126.8
166 115.8 95.4 177.2





#49
2-Hexanone
Concen: 4.46 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018405.D
Acq: 19 Mar 2021 22:51

Instrument :
MSVOA_W
ClientSampleId :
BG492RE



Tgt Ion: 43 Resp: 7878

Ion	Ratio	Lower	Upper
43	100		
58	25.1	47.3	70.9#
57	24.8	17.3	25.9
100	1.6	12.9	19.3#

