

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018406.D
 Acq On : 19 Mar 2021 23:15
 Operator : SY/VA
 Sample : M1685-07RE
 Misc : 4.55G/10ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG493RE

Quant Time: Mar 20 04:01:31 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)

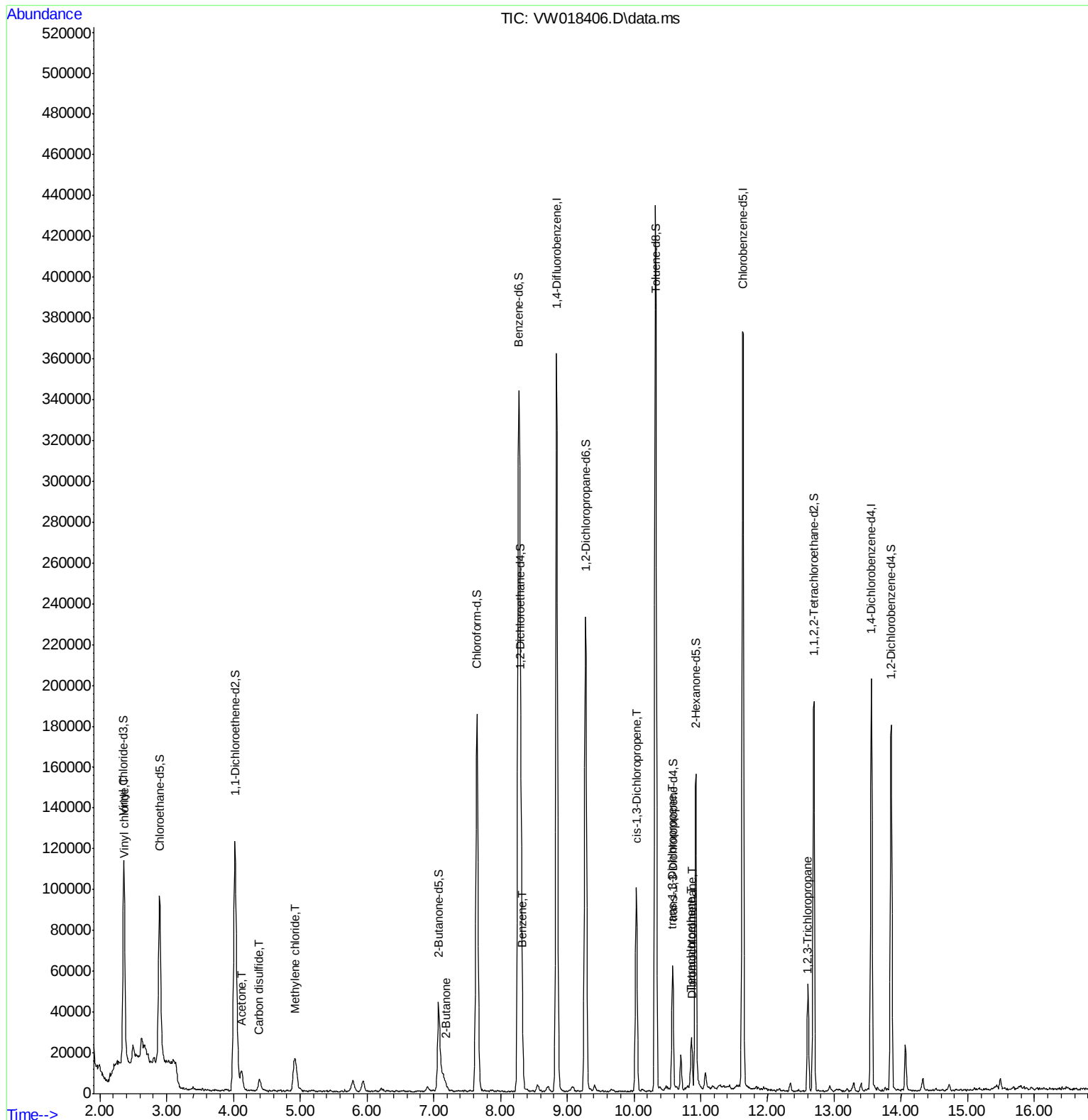
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	291607	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	199958	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	51256	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	121097	29.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	119.36%		
7) Chloroethane-d5	2.892	69	109120	30.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	122.88%		
10) 1,1-Dichloroethene-d2	4.026	63	132353	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.56%		
20) 2-Butanone-d5	7.074	46	71807	79.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	158.96%#		
24) Chloroform-d	7.647	84	186672	25.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.52%		
26) 1,2-Dichloroethane-d4	8.305	65	114226	26.35	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.40%		
29) Benzene-d6	8.275	84	355955	33.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	133.96%		
33) 1,2-Dichloropropane-d6	9.275	67	103206	33.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	134.64%#		
37) Toluene-d8	10.323	98	281203	27.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	109.88%		
38) trans-1,3-Dichloroprop...	10.579	79	32165	20.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	81.36%		
39) 2-Hexanone-d5	10.927	63	54119	90.19	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	180.38%#		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	91635	33.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	133.64%#		
61) 1,2-Dichlorobenzene-d4	13.853	152	43858	24.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.28%		
Target Compounds						
5) Vinyl chloride	2.367	62	3249	0.59	ug/L #	1
13) Acetone	4.117	43	16124	24.84	ug/L	68
14) Carbon disulfide	4.385	76	6814	0.62	ug/L	97
16) Methylene chloride	4.922	84	15182	3.17	ug/L	91
21) 2-Butanone	7.183	43	5015	4.86	ug/L #	53
34) Benzene	8.330	78	9969	0.86	ug/L	100
42) cis-1,3-Dichloropropene	10.037	75	2912	0.61	ug/L #	68
45) trans-1,3-Dichloropropene	10.573	75	1799	0.42	ug/L #	81
47) Tetrachloroethene	10.860	164	5020	2.07	ug/L	97
50) Dibromochloromethane	10.866	129	5129	1.93	ug/L #	8
59) 1,2,3-Trichloropropane	12.597	75	562	0.27	ug/L #	57

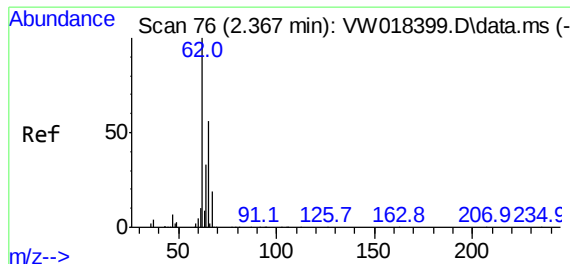
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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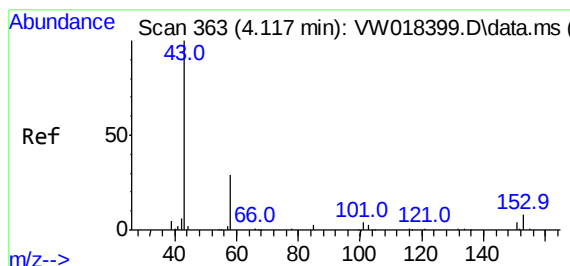
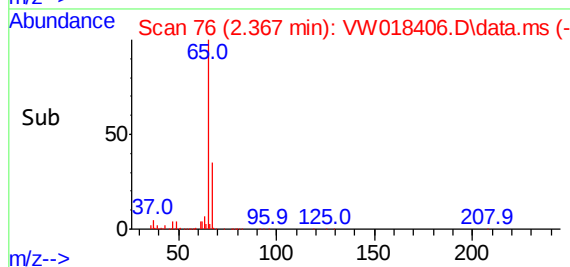
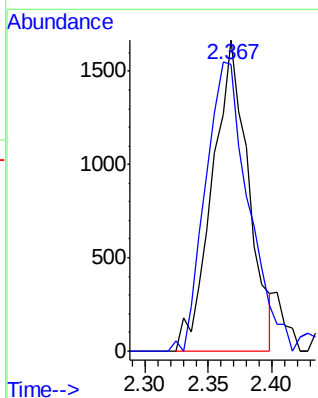
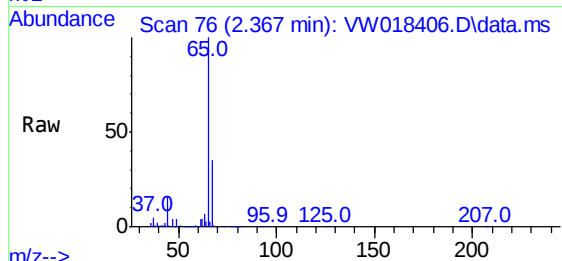




#5
 Vinyl chloride
 Concen: 0.59 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018406.D
 Acq: 19 Mar 2021 23:15

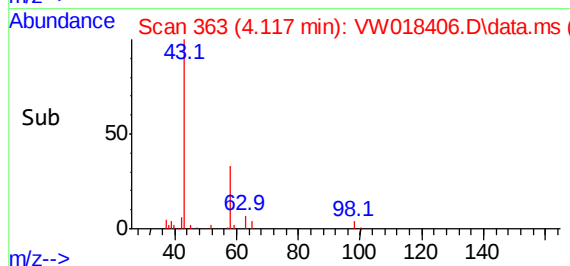
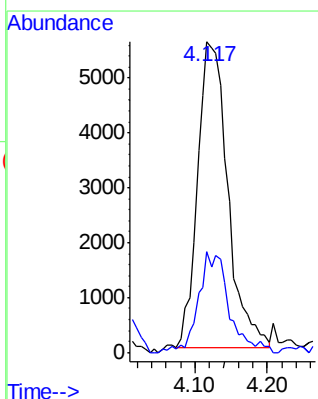
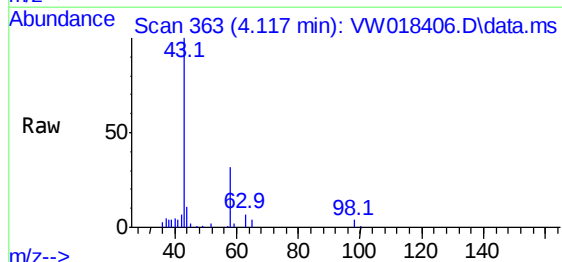
Instrument :
 MSVOA_W
 ClientSampleId :
 BG493RE

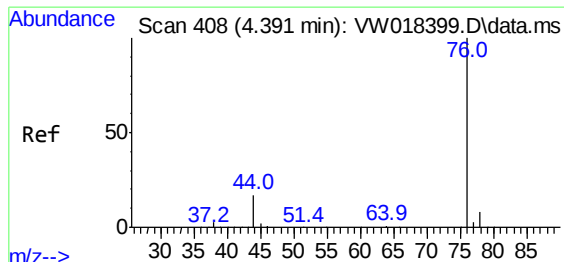
Tgt Ion: 62 Resp: 3249
 Ion Ratio Lower Upper
 62 100
 64 92.4 23.5 43.7#



#13
 Acetone
 Concen: 24.84 ug/L
 RT: 4.117 min Scan# 363
 Delta R.T. 0.000 min
 Lab File: VW018406.D
 Acq: 19 Mar 2021 23:15

Tgt Ion: 43 Resp: 16124
 Ion Ratio Lower Upper
 43 100
 58 13.6 0.0 62.2

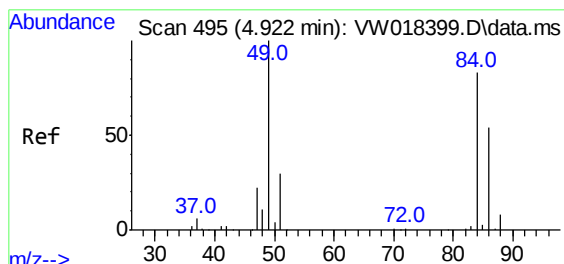
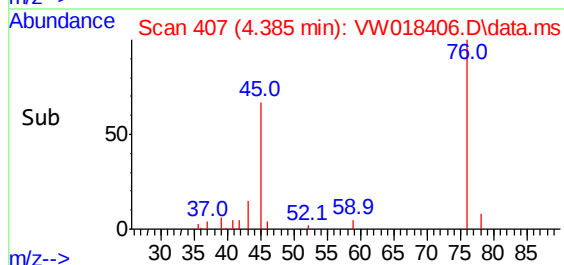
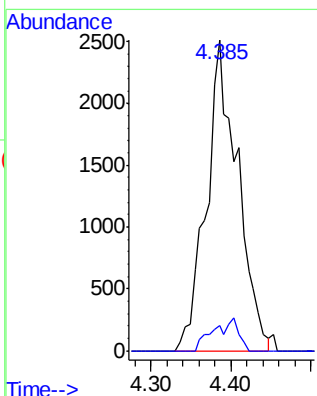
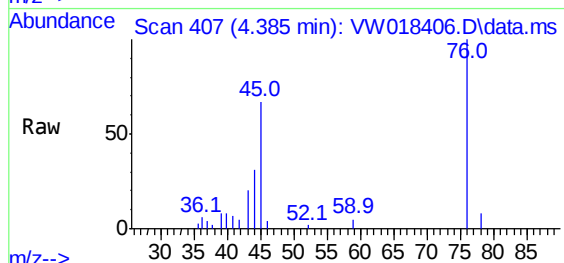




#14
Carbon disulfide
Concen: 0.62 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

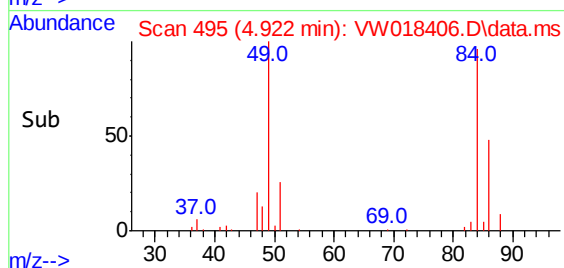
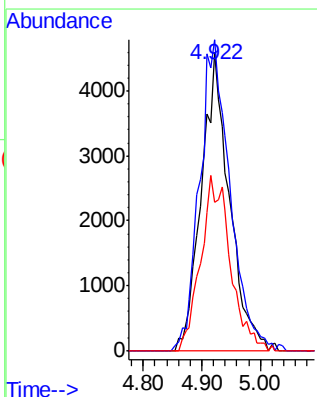
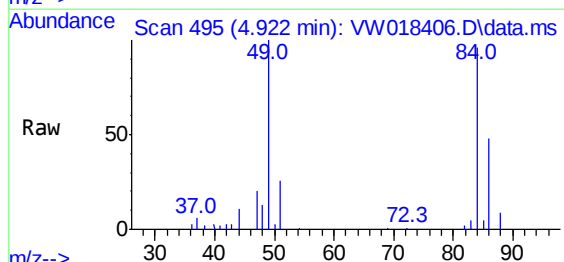
Instrument :
MSVOA_W
ClientSampleId :
BG493RE

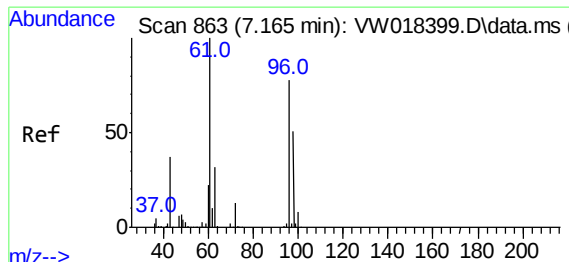
Tgt Ion: 76 Resp: 6814
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#16
Methylene chloride
Concen: 3.17 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

Tgt Ion: 84 Resp: 15182
Ion Ratio Lower Upper
84 100
49 104.4 74.4 138.2
86 49.9 46.1 85.7

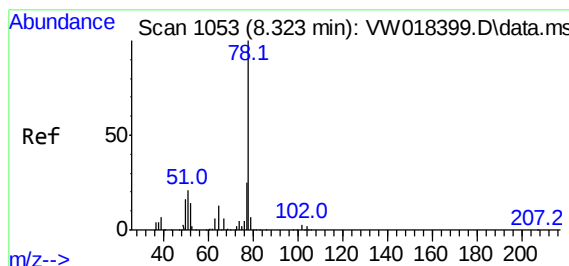
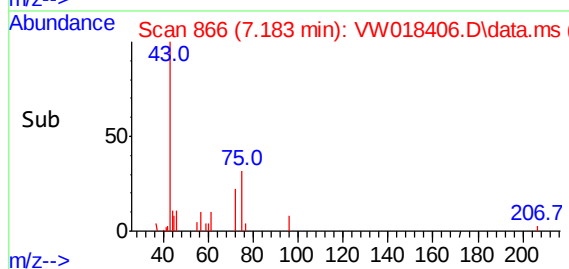
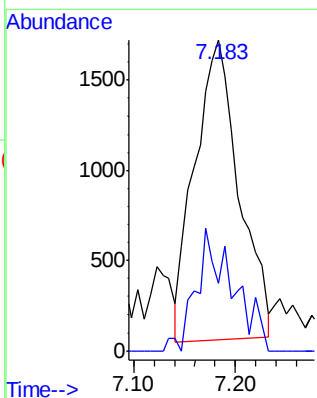
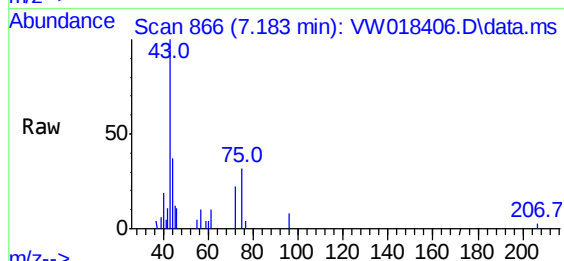




#21
2-Butanone
Concen: 4.86 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

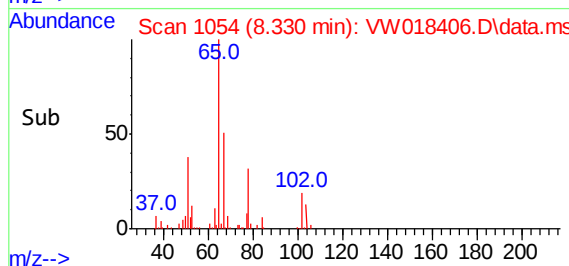
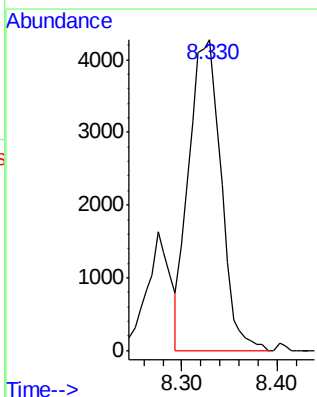
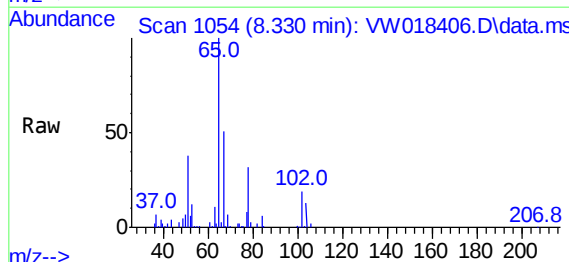
Instrument :
MSVOA_W
ClientSampleId :
BG493RE

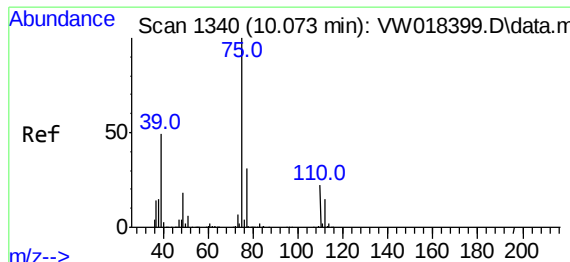
Tgt Ion: 43 Resp: 5015
Ion Ratio Lower Upper
43 100
72 6.3 16.5 49.5#



#34
Benzene
Concen: 0.86 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

Tgt Ion: 78 Resp: 9969

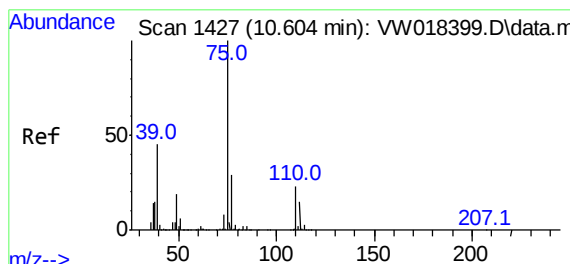
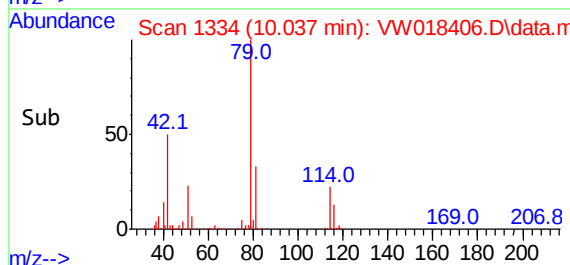
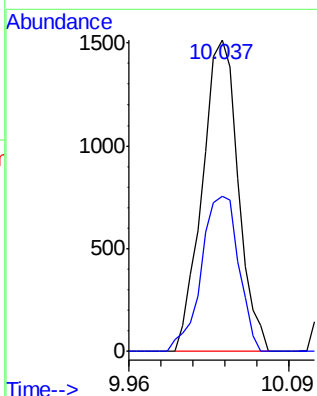
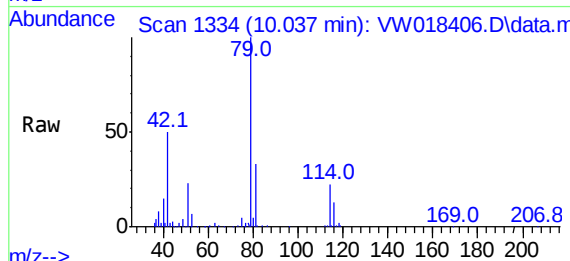




#42
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

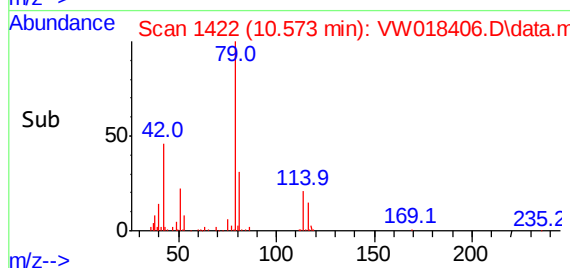
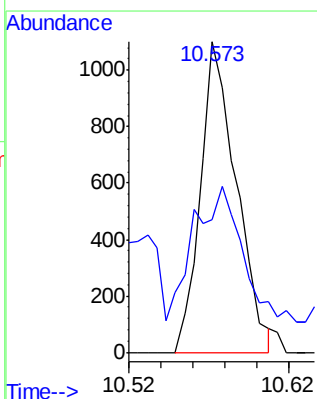
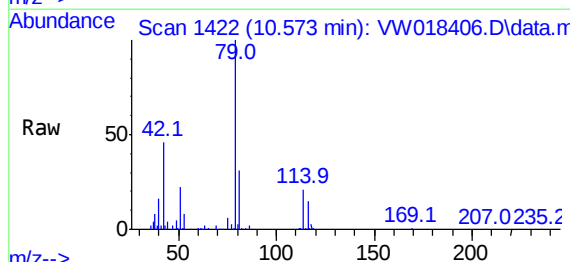
Instrument :
MSVOA_W
ClientSampled :
BG493RE

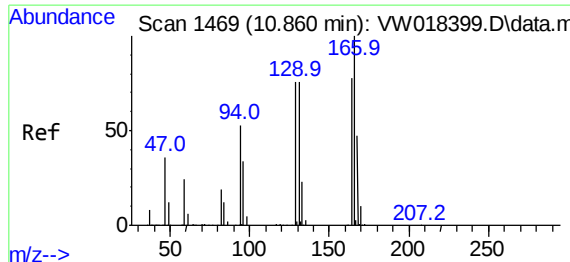
Tgt Ion: 75 Resp: 2912
Ion Ratio Lower Upper
75 100
77 49.9 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.42 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018406.D
Acq: 19 Mar 2021 23:15

Tgt Ion: 75 Resp: 1799
Ion Ratio Lower Upper
75 100
77 42.9 22.6 42.0#





#47

Tetrachloroethene

Concen: 2.07 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW018406.D

Acq: 19 Mar 2021 23:15

Instrument :

MSVOA_W

ClientSampleID :

BG493RE

Tgt Ion:164 Resp: 5020

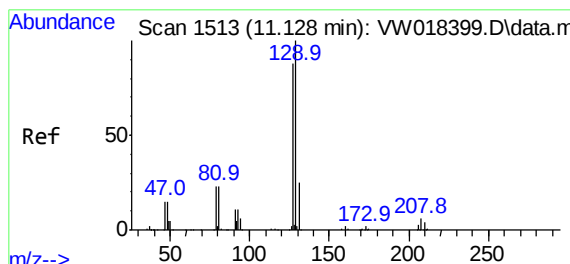
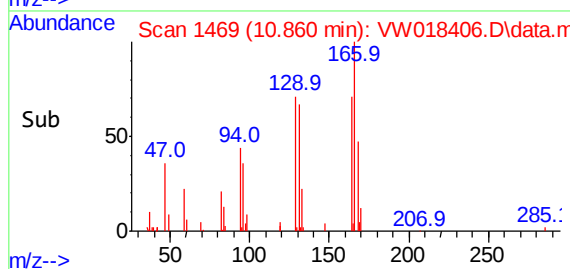
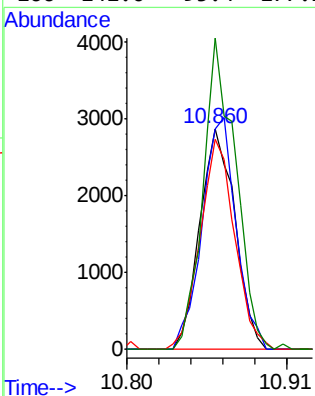
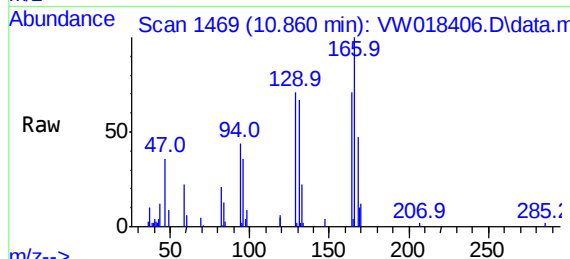
Ion Ratio Lower Upper

164 100

129 100.0 68.8 127.8

131 94.8 68.3 126.8

166 141.0 95.4 177.2



#50

Dibromochloromethane

Concen: 1.93 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.262 min

Lab File: VW018406.D

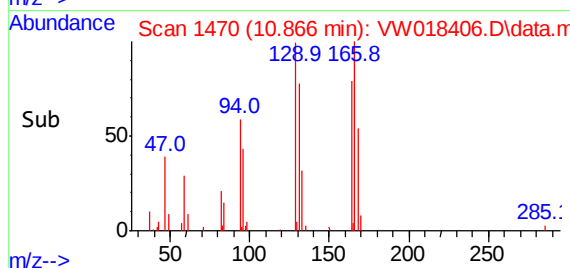
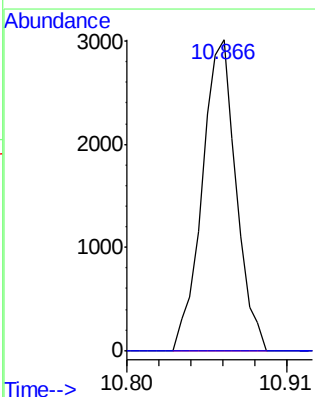
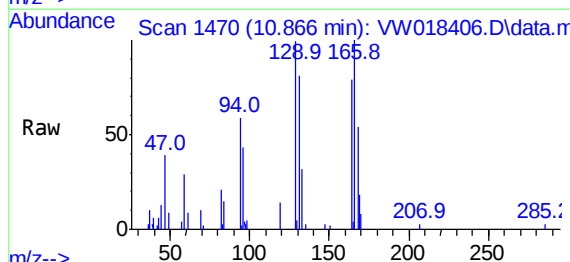
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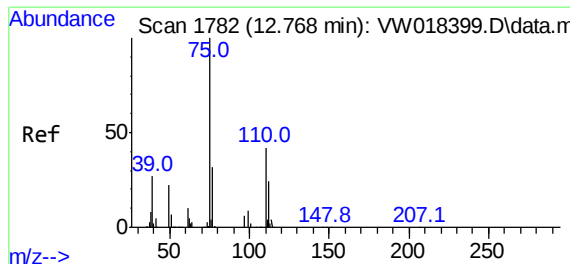
Tgt Ion:129 Resp: 5129

Ion Ratio Lower Upper

129 100

127 0.0 58.0 107.6#





#59
 1,2,3-Trichloropropane
 Concen: 0.27 ug/L
 RT: 12.597 min Scan# 1754
 Delta R.T. -0.171 min
 Lab File: VW018406.D
 Acq: 19 Mar 2021 23:15

Instrument :
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Tgt Ion: 75 Resp: 562
 Ion Ratio Lower Upper
 75 100
 77 7.8 25.6 38.4#

