

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018439.D
 Acq On : 24 Mar 2021 11:45
 Operator : SY/VA
 Sample : M1781-09RE
 Misc : 5.83G/10ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5RE

Quant Time: Mar 25 01:24:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

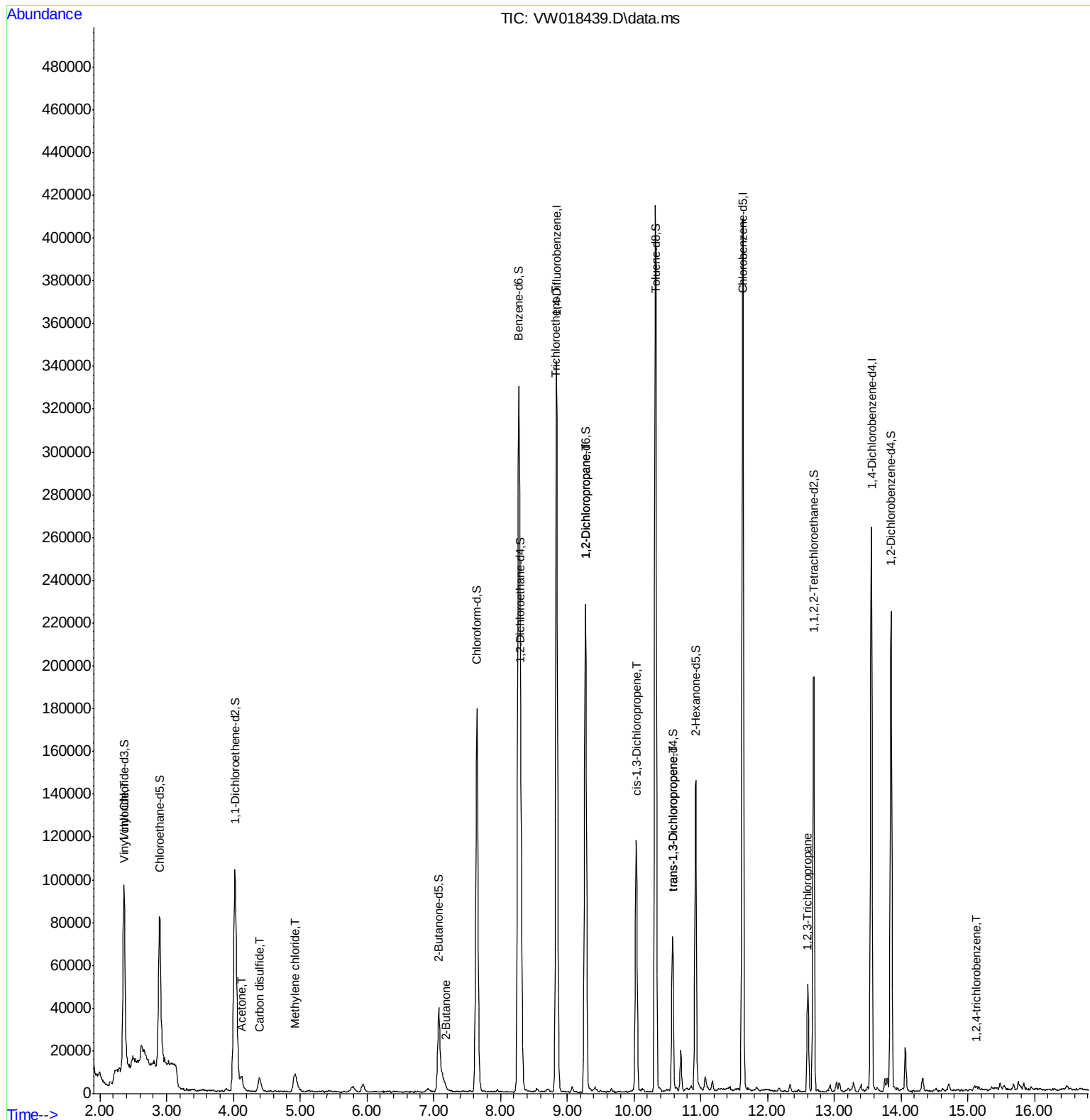
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284636	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	220211	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	66156	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103483	26.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.52%			
7) Chloroethane-d5	2.891	69	95740	27.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.44%			
10) 1,1-Dichloroethene-d2	4.025	63	118080	17.27	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.08%			
20) 2-Butanone-d5	7.080	46	62708	71.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 142.22%#			
24) Chloroform-d	7.647	84	174206	24.03	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.12%			
26) 1,2-Dichloroethane-d4	8.305	65	114059	26.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.80%			
29) Benzene-d6	8.275	84	332291	28.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.52%			
33) 1,2-Dichloropropane-d6	9.274	67	99501	29.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.88%			
37) Toluene-d8	10.323	98	274244	24.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.32%			
38) trans-1,3-Dichloroprop...	10.579	79	39005	22.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.60%			
39) 2-Hexanone-d5	10.927	63	50483	76.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 152.78%#			
48) 1,1,2,2-Tetrachloroeth...	12.688	84	93143	30.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123.32%#			
61) 1,2-Dichlorobenzene-d4	13.853	152	53899	22.92	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.68%			
Target Compounds						
5) Vinyl chloride	2.367	62	8997	1.66	ug/L #	80
13) Acetone	4.123	43	11909	18.80	ug/L	100
14) Carbon disulfide	4.391	76	7185	0.67	ug/L	98
16) Methylene chloride	4.928	84	5672	1.21	ug/L	93
21) 2-Butanone	7.177	43	1314	1.31	ug/L	74
35) Trichloroethene	8.835	95	9395	2.67	ug/L #	6
40) 1,2-Dichloropropane	9.274	63	12169	3.90	ug/L #	84
42) cis-1,3-Dichloropropene	10.036	75	3520	0.67	ug/L #	70
45) trans-1,3-Dichloropropene	10.579	75	2309	0.49	ug/L	90
59) 1,2,3-Trichloropropane	12.603	75	634	0.28	ug/L #	58
68) 1,2,4-trichlorobenzene	15.127	180	545	0.21	ug/L	96

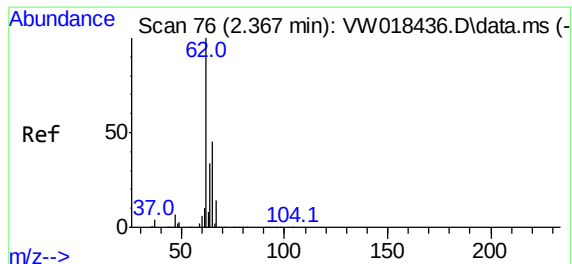
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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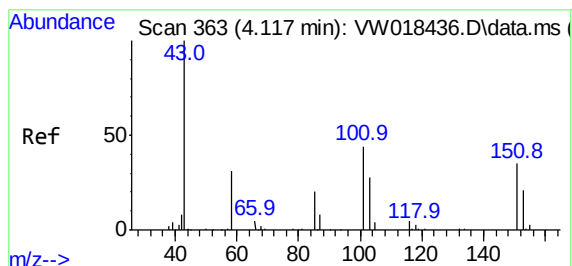
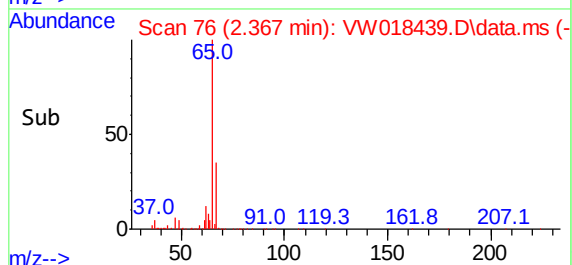
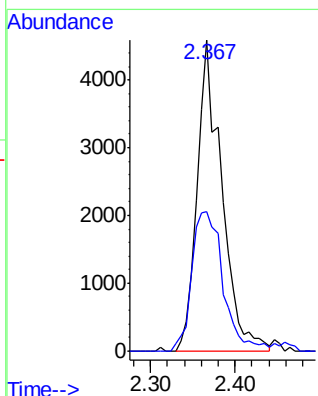
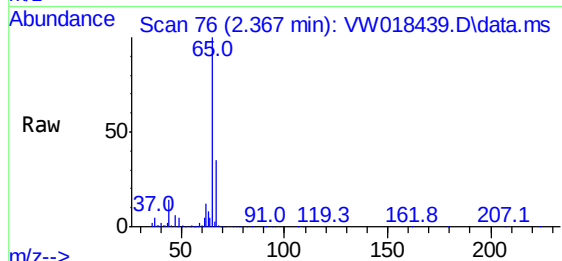




#5
 Vinyl chloride
 Concen: 1.66 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018439.D
 Acq: 24 Mar 2021 11:45

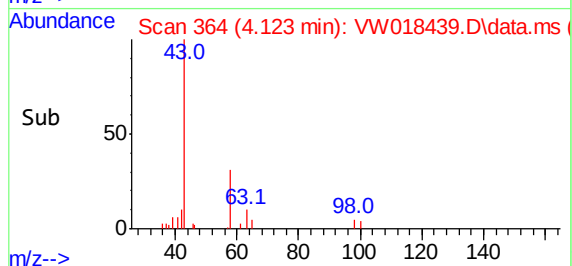
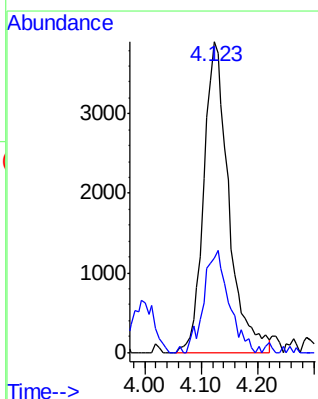
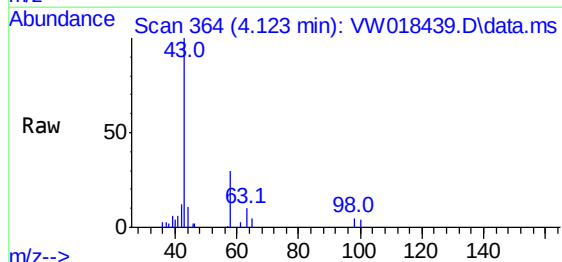
Instrument :
 MSVOA_W
 ClientSampleId :
 BG4N5RE

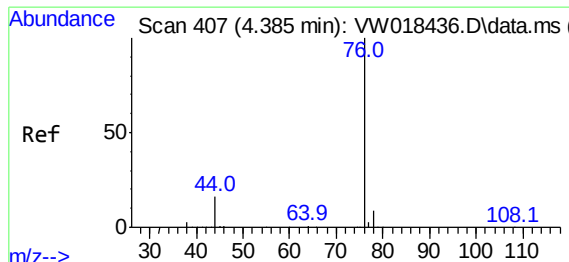
Tgt Ion: 62 Resp: 8997
 Ion Ratio Lower Upper
 62 100
 64 45.0 23.5 43.7#



#13
 Acetone
 Concen: 18.80 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.006 min
 Lab File: VW018439.D
 Acq: 24 Mar 2021 11:45

Tgt Ion: 43 Resp: 11909
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 62.2

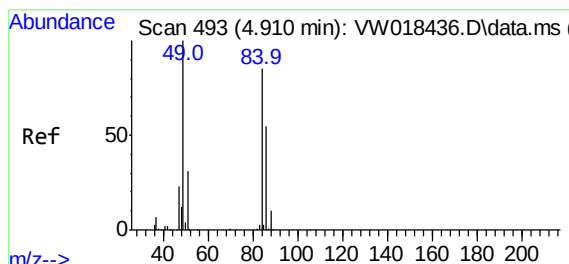
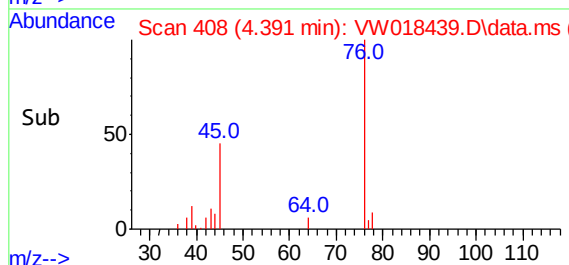
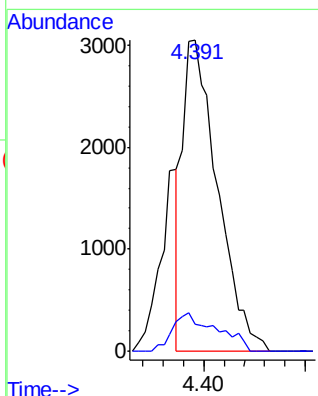
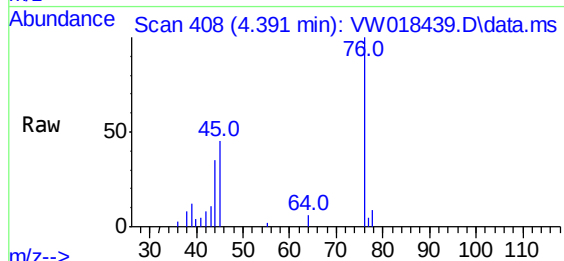




#14
Carbon disulfide
Concen: 0.67 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

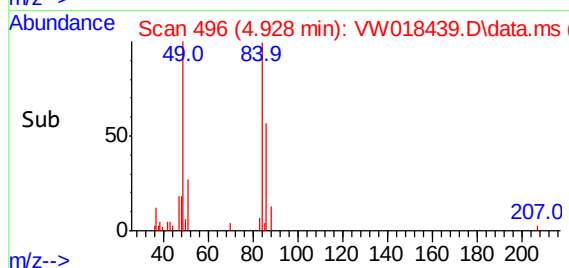
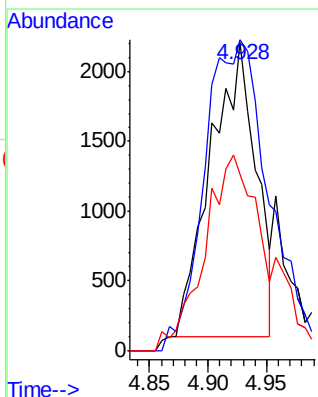
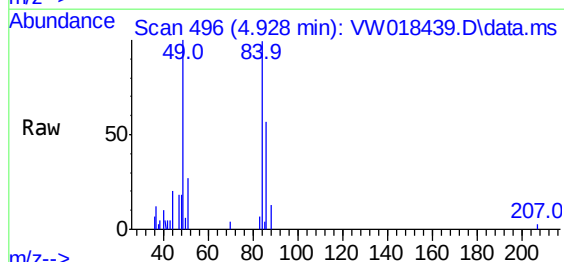
Instrument :
MSVOA_W
ClientSampleId :
BG4N5RE

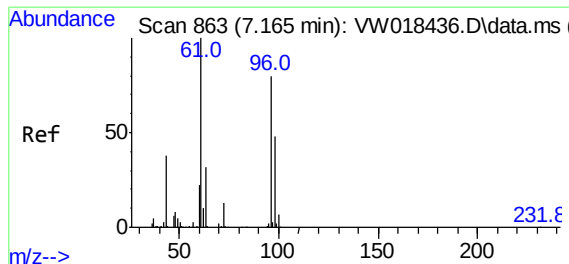
Tgt Ion: 76 Resp: 7185
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#16
Methylene chloride
Concen: 1.21 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.018 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

Tgt Ion: 84 Resp: 5672
Ion Ratio Lower Upper
84 100
49 100.9 74.4 138.2
86 57.4 46.1 85.7

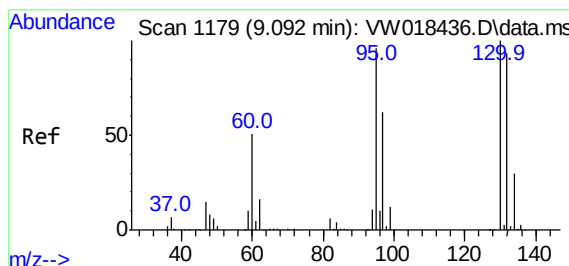
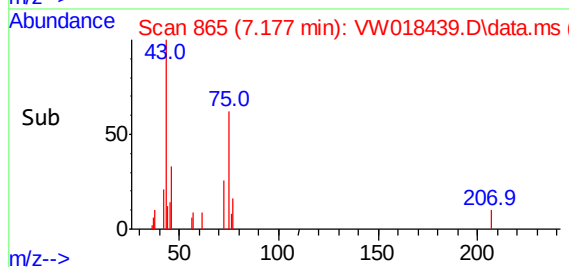
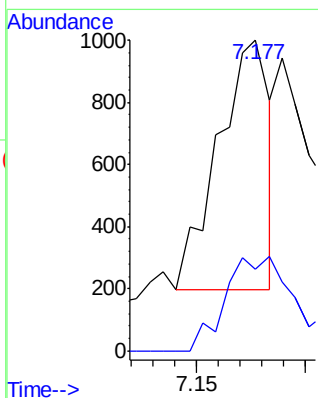
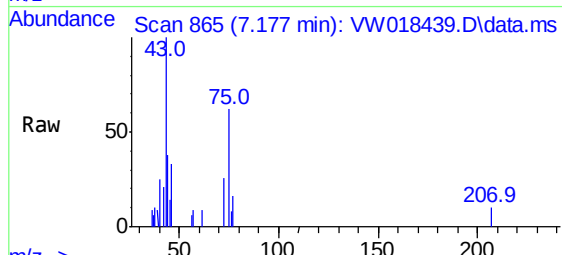




#21
2-Butanone
Concen: 1.31 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

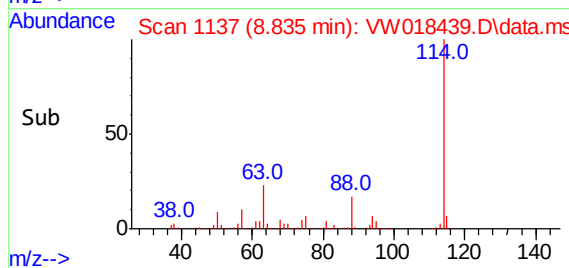
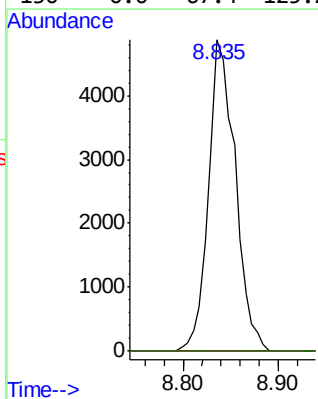
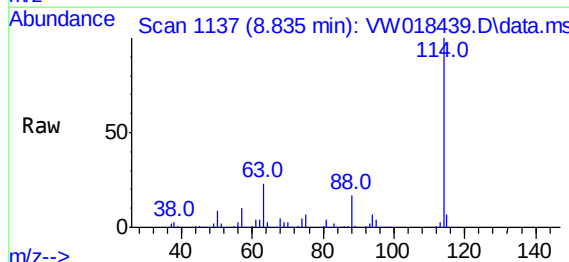
Instrument :
MSVOA_W
ClientSampleId :
BG4N5RE

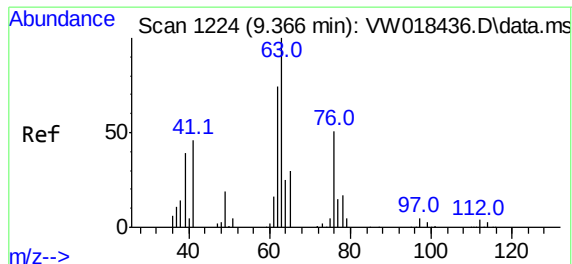
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
72 47.5 16.5 49.5



#35
Trichloroethene
Concen: 2.67 ug/L
RT: 8.835 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

Tgt Ion: 95 Resp: 9395
Ion Ratio Lower Upper
95 100
97 0.0 44.4 82.4#
132 0.0 65.9 122.5#
130 0.0 67.4 125.2#

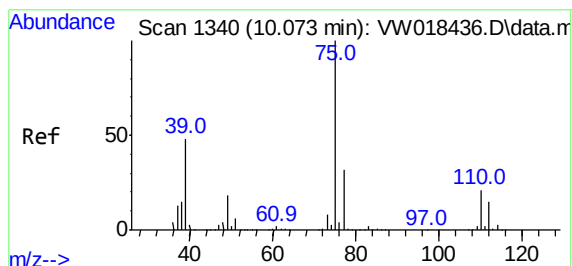
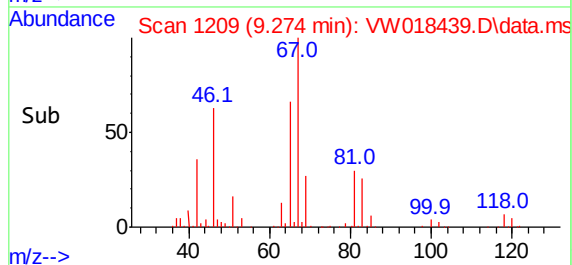
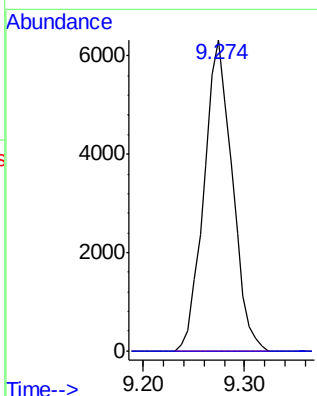
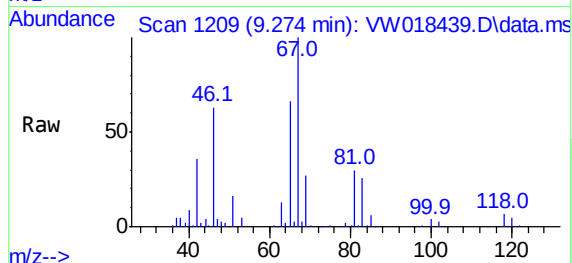




#40
1,2-Dichloropropane
Concen: 3.90 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

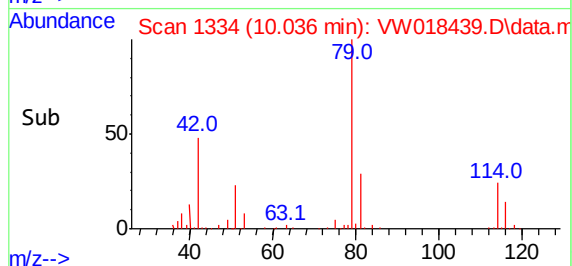
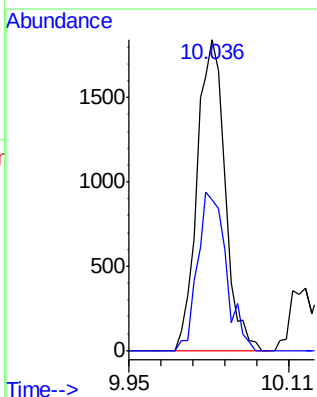
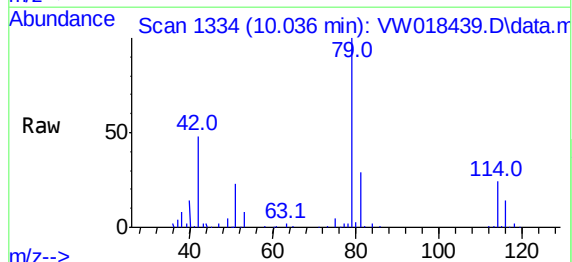
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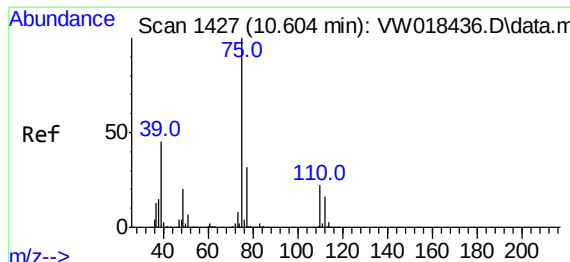
Tgt Ion: 63 Resp: 12169
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

Tgt Ion: 75 Resp: 3520
Ion Ratio Lower Upper
75 100
77 48.7 22.4 41.6#

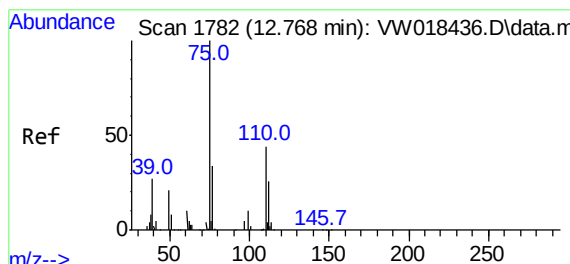
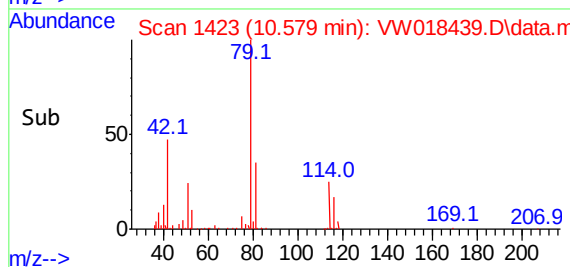
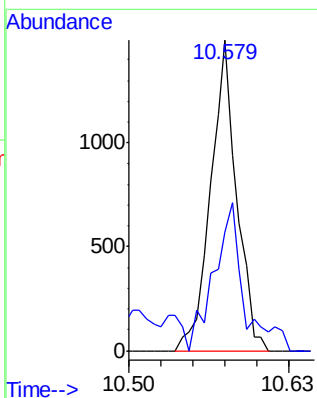
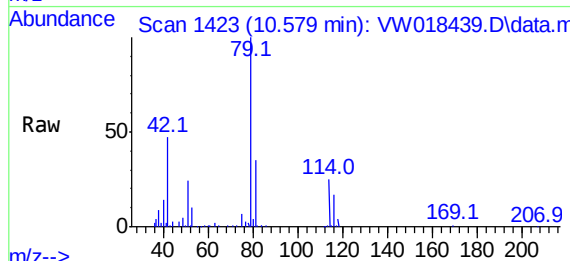




#45
trans-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

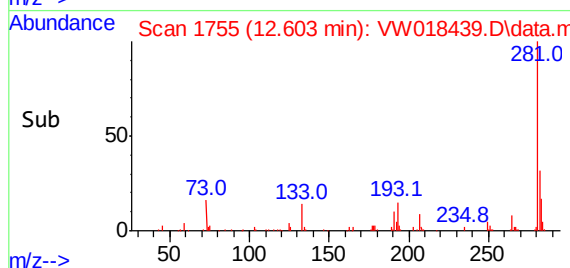
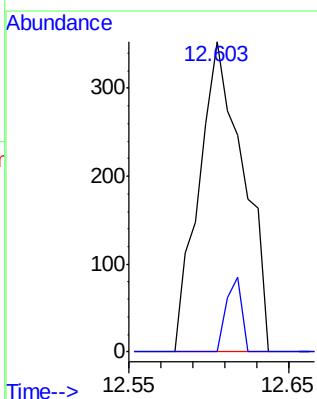
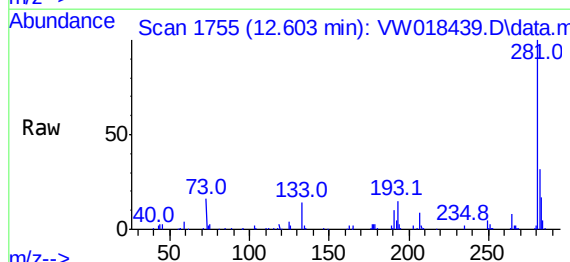
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ClientSampled :
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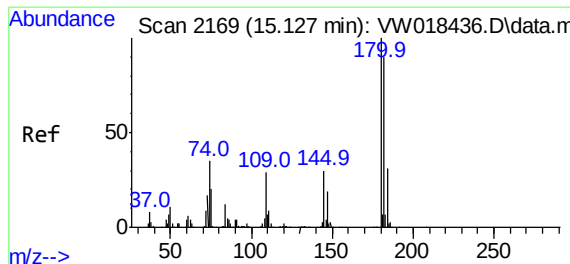
Tgt Ion: 75 Resp: 2309
Ion Ratio Lower Upper
75 100
77 38.2 22.6 42.0



#59
1,2,3-Trichloropropane
Concen: 0.28 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.165 min
Lab File: VW018439.D
Acq: 24 Mar 2021 11:45

Tgt Ion: 75 Resp: 634
Ion Ratio Lower Upper
75 100
77 8.5 25.6 38.4#





#68
 1,2,4-trichlorobenzene
 Concen: 0.21 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW018439.D
 Acq: 24 Mar 2021 11:45

Instrument :
 MSVOA_W
 ClientSampleId :
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Tgt Ion:180 Resp: 545

Ion	Ratio	Lower	Upper
180	100		
182	89.5	70.2	105.4
145	25.9	24.9	37.3

