

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018426.D
 Acq On : 23 Mar 2021 15:05
 Operator : SY/VA
 Sample : M1781-04
 Misc : 6.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F2

Quant Time: Mar 24 01:25:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 01:23:39 2021
 Response via : Initial Calibration

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

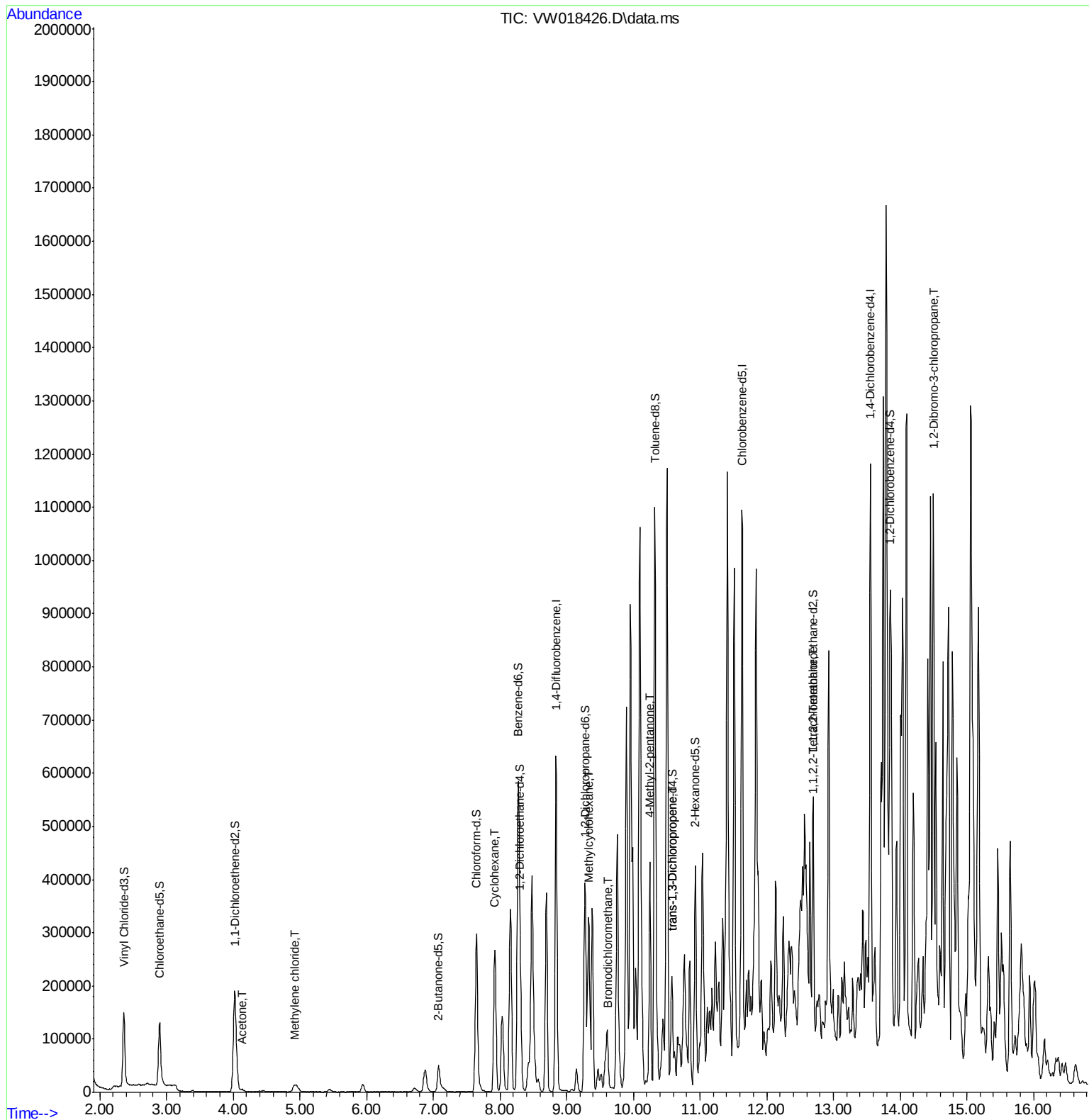
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	508689	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	244796	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	173592	24.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.08%		
7) Chloroethane-d5	2.897	69	159358	25.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.88%		
10) 1,1-Dichloroethene-d2	4.025	63	215697	17.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.60%		
20) 2-Butanone-d5	7.080	46	78994	50.12	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.24%		
24) Chloroform-d	7.647	84	297735	22.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.92%		
26) 1,2-Dichloroethane-d4	8.305	65	183313	24.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.96%		
29) Benzene-d6	8.275	84	586796	22.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.40%		
33) 1,2-Dichloropropane-d6	9.274	67	169946	22.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.76%		
37) Toluene-d8	10.323	98	558995	22.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.44%		
38) trans-1,3-Dichloroprop...	10.579	79	81502	20.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.48%		
39) 2-Hexanone-d5	10.927	63	71208	48.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.08%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	168283	24.84	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.36%		
61) 1,2-Dichlorobenzene-d4	13.853	152	202176	23.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.92%		
Target Compounds						
13) Acetone	4.141	43	7220	6.38	ug/L	84
16) Methylene chloride	4.921	84	10313	1.24	ug/L	96
30) Cyclohexane	7.921	56	48145	4.11	ug/L #	39
36) Methylcyclohexane	9.335	83	19206	1.39	ug/L #	1
41) Bromodichloromethane	9.622	83	11954	1.21	ug/L #	33
43) 4-Methyl-2-pentanone	10.250	43	42968	10.21	ug/L #	68
45) trans-1,3-Dichloropropene	10.579	75	4374	0.41	ug/L #	63
58) 1,1,2,2-Tetrachloroethane	12.701	83	4362	0.65	ug/L #	29
66) 1,2-Dibromo-3-chloropr...	14.499	75	5311	4.20	ug/L #	13

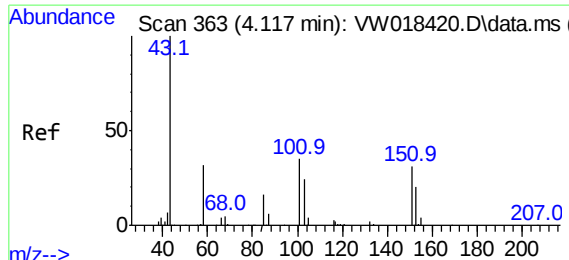
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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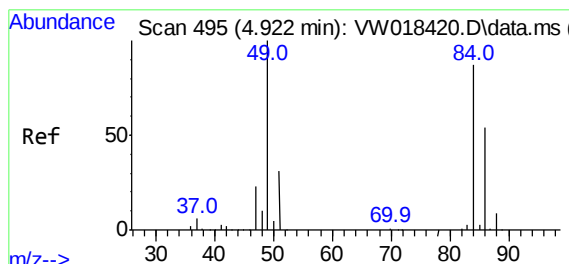
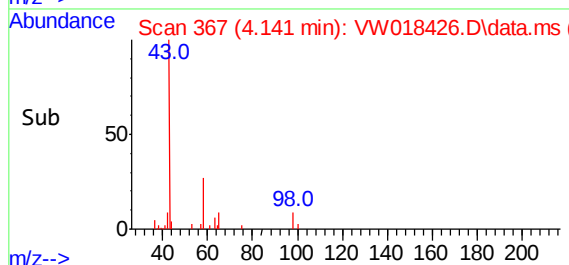
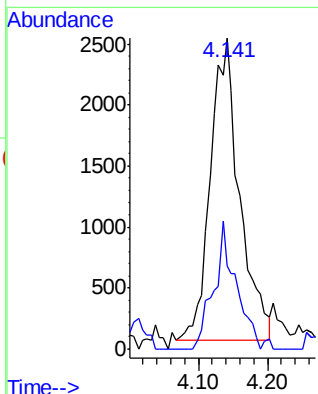
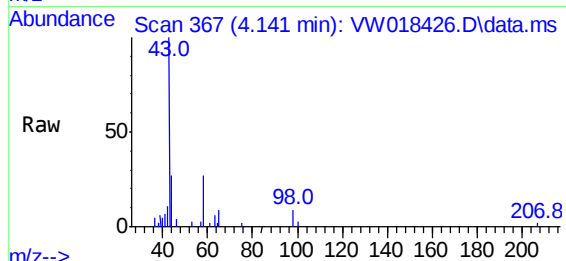




#13
Acetone
Concen: 6.38 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.024 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

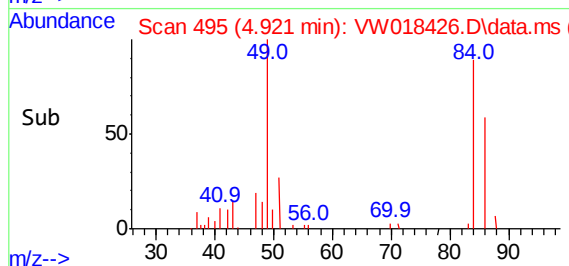
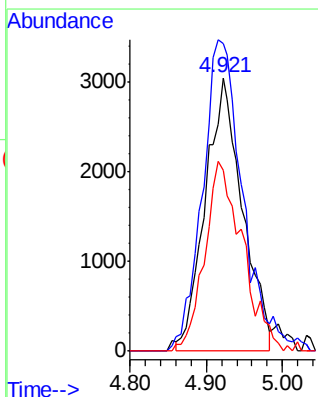
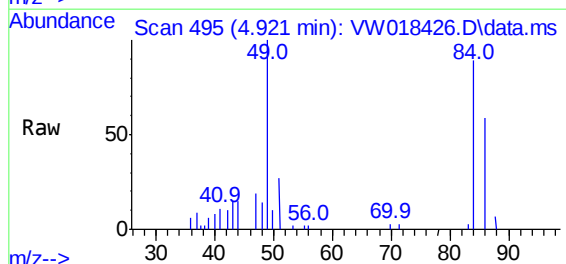
Instrument :
MSVOA_W
ClientSampled :
BG4F2

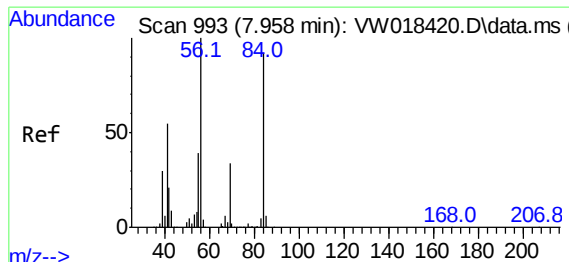
Tgt Ion: 43 Resp: 7220
Ion Ratio Lower Upper
43 100
58 22.3 0.0 62.2



#16
Methylene chloride
Concen: 1.24 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

Tgt Ion: 84 Resp: 10313
Ion Ratio Lower Upper
84 100
49 112.4 74.4 138.2
86 65.9 46.1 85.7

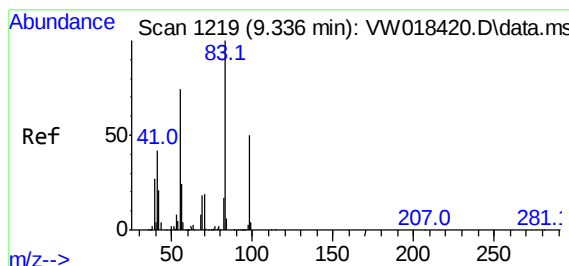
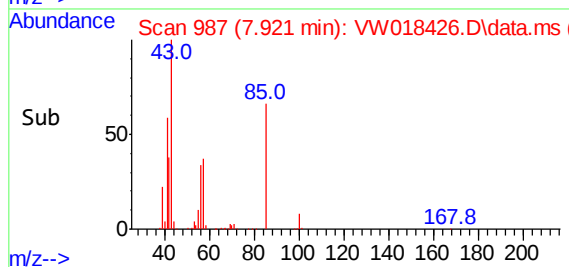
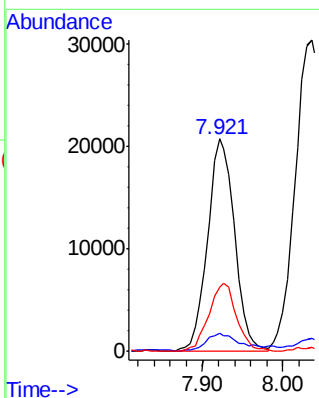
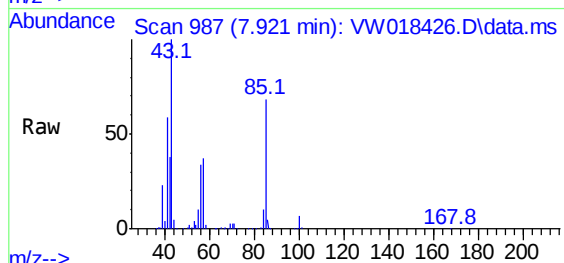




#30
Cyclohexane
Concen: 4.11 ug/L
RT: 7.921 min Scan# 987
Delta R.T. -0.037 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

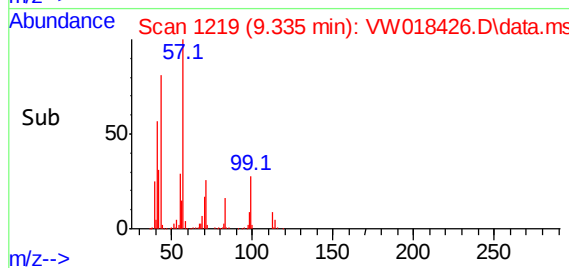
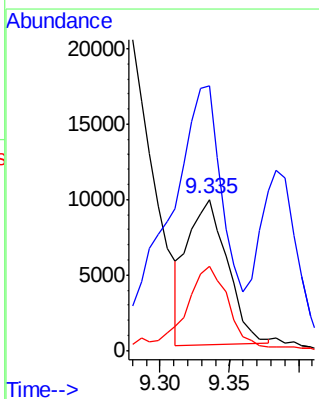
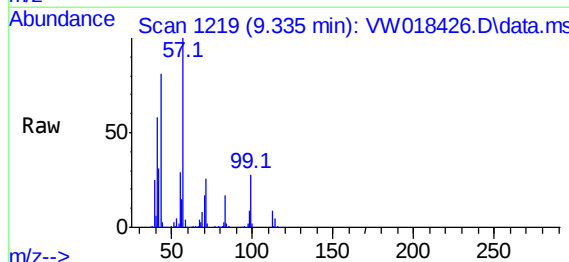
Instrument :
MSVOA_W
ClientSampled :
BG4F2

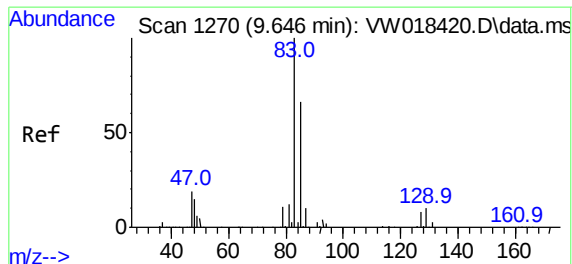
Tgt Ion: 56 Resp: 48145
Ion Ratio Lower Upper
56 100
69 9.2 27.0 40.6#
84 32.3 79.9 119.9#



#36
Methylcyclohexane
Concen: 1.39 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

Tgt Ion: 83 Resp: 19206
Ion Ratio Lower Upper
83 100
55 258.8 56.8 85.2#
98 62.5 40.6 61.0#

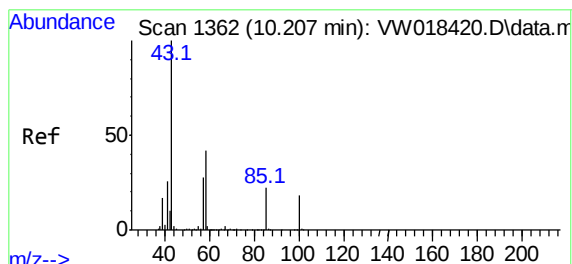
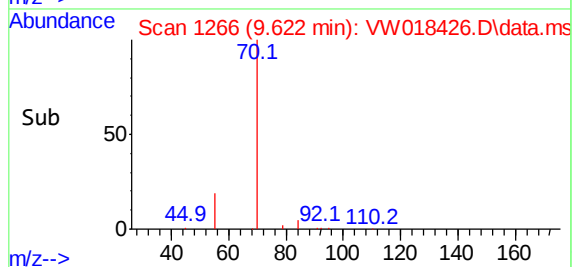
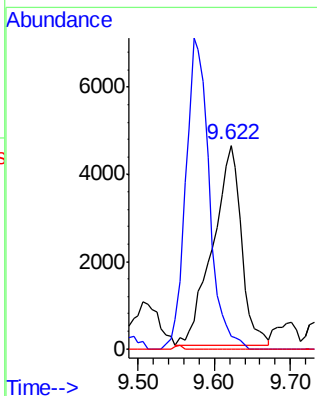
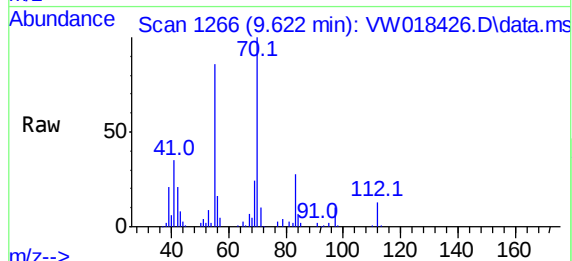




#41
Bromodichloromethane
Concen: 1.21 ug/L
RT: 9.622 min Scan# 1266
Delta R.T. -0.025 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

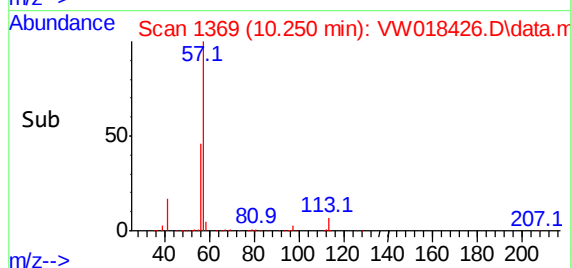
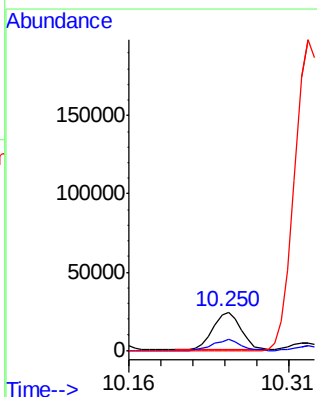
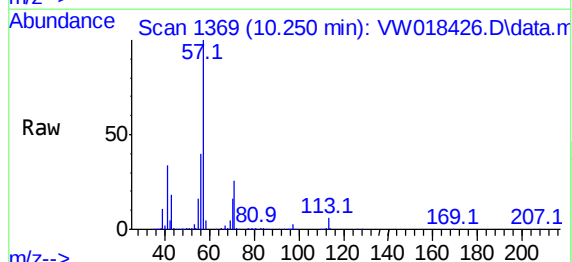
Instrument :
MSVOA_W
ClientSampled :
BG4F2

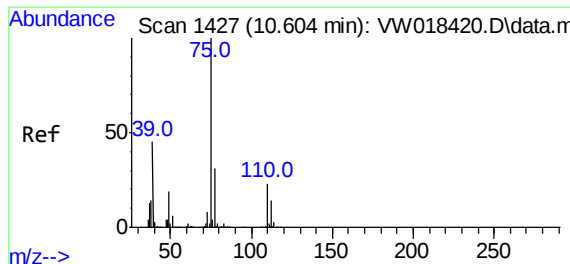
Tgt Ion: 83 Resp: 11954
Ion Ratio Lower Upper
83 100
85 6.4 43.8 81.4#
127 0.0 6.9 10.3#



#43
4-Methyl-2-pentanone
Concen: 10.21 ug/L
RT: 10.250 min Scan# 1369
Delta R.T. 0.042 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

Tgt Ion: 43 Resp: 42968
Ion Ratio Lower Upper
43 100
58 26.5 34.8 52.2#
100 0.0 15.9 23.9#

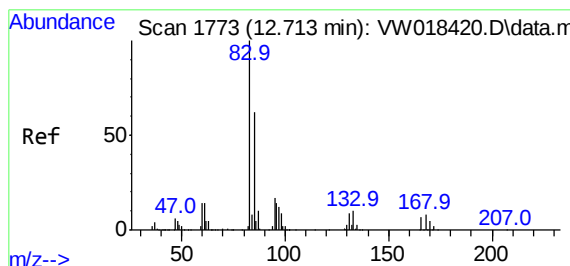
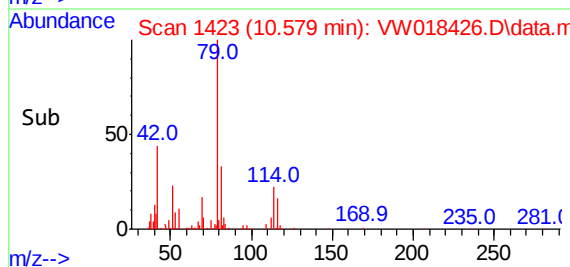
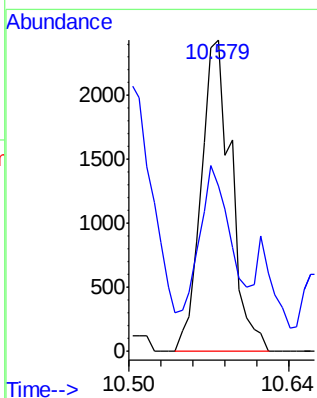
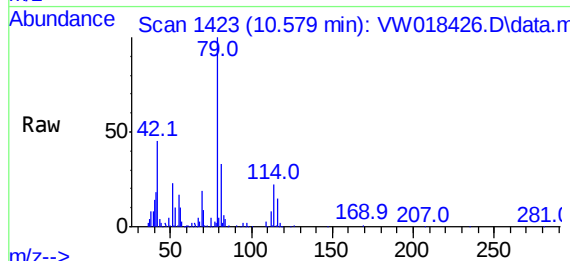




#45
trans-1,3-Dichloropropene
Concen: 0.41 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.025 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

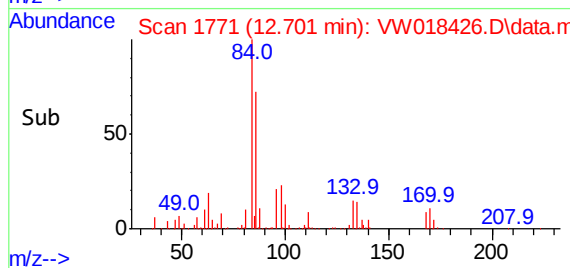
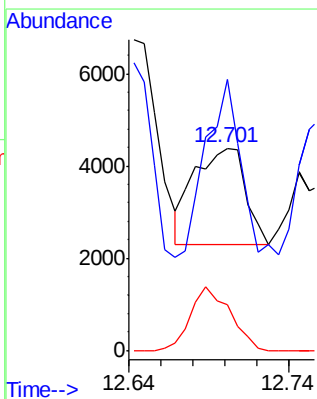
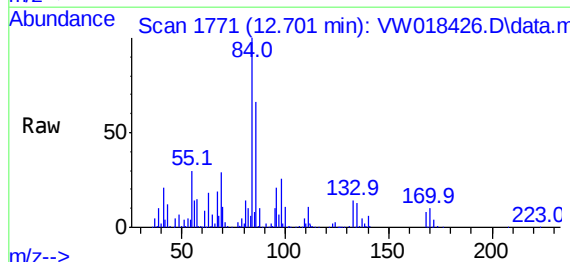
Instrument :
MSVOA_W
ClientSampled :
BG4F2

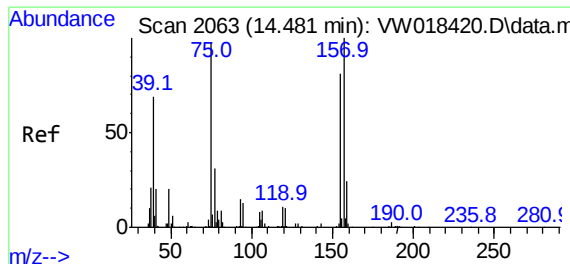
Tgt Ion: 75 Resp: 4374
Ion Ratio Lower Upper
75 100
77 53.1 22.6 42.0#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.65 ug/L
RT: 12.701 min Scan# 1771
Delta R.T. -0.012 min
Lab File: VW018426.D
Acq: 23 Mar 2021 15:05

Tgt Ion: 83 Resp: 4362
Ion Ratio Lower Upper
83 100
85 133.8 49.0 91.0#
131 22.7 8.7 13.1#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.20 ug/L
 RT: 14.499 min Scan# 2066
 Delta R.T. 0.018 min
 Lab File: VW018426.D
 Acq: 23 Mar 2021 15:05

Instrument :
 MSVOA_W
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Tgt Ion: 75 Resp: 5311
 Ion Ratio Lower Upper
 75 100
 157 0.0 65.2 97.8#
 155 4.4 60.1 90.1#

