

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018469.D
 Acq On : 26 Mar 2021 14:29
 Operator : SY/VA
 Sample : M1816-07
 Misc : 5.91G/10ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M5

Quant Time: Mar 27 01:33:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 27 01:30:53 2021
 Response via : Initial Calibration

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

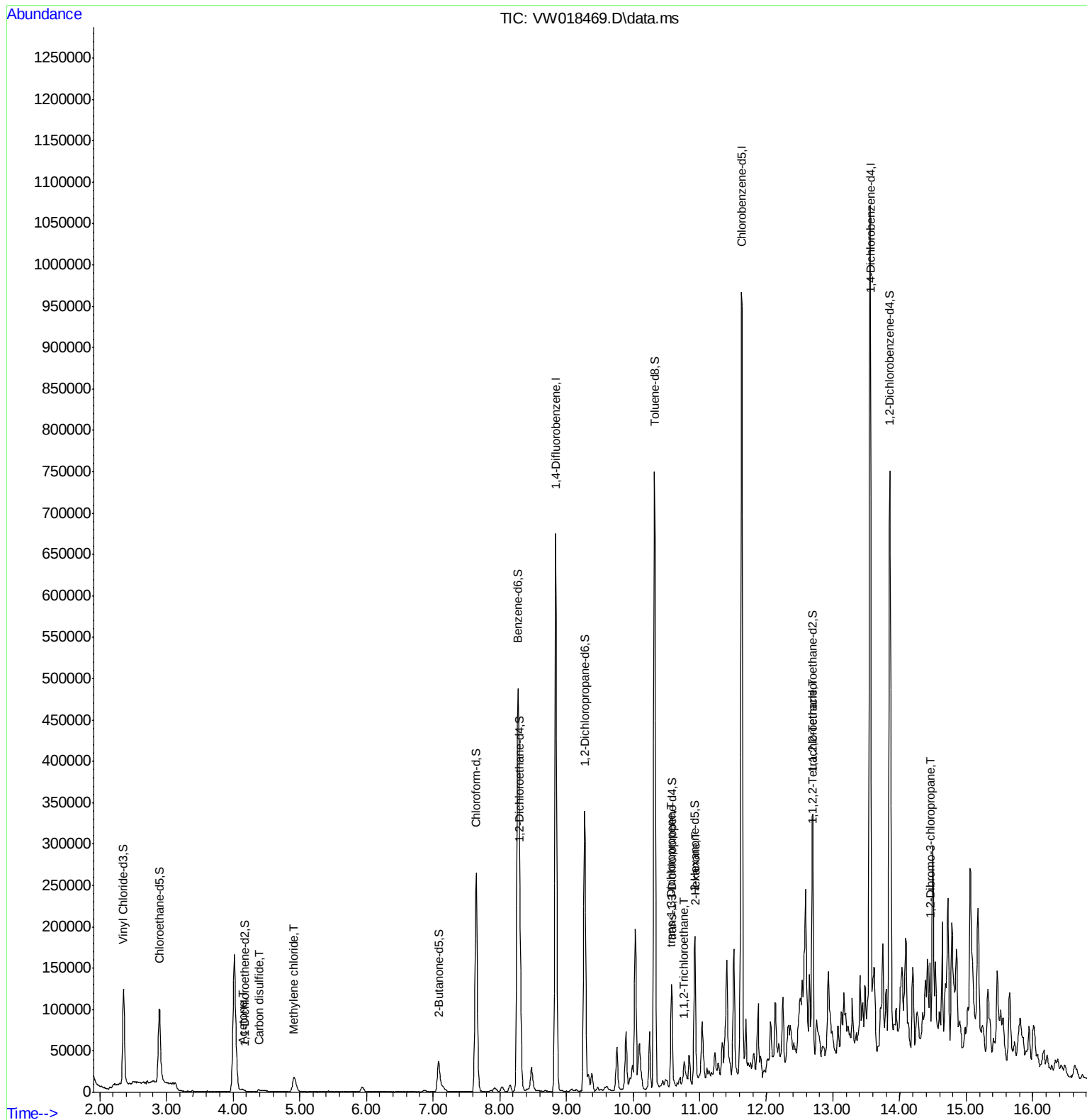
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	554972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	501031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	245507	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	128465	16.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	66.52%		
7) Chloroethane-d5	2.892	69	120581	17.84	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.36%		
10) 1,1-Dichloroethene-d2	4.172	63	234	0.02	ug/L	0.15
Spiked Amount 25.000	Range 45 - 110		Recovery =	0.08%#		
20) 2-Butanone-d5	7.086	46	60352	35.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.20%		
24) Chloroform-d	7.647	84	265842	18.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.24%		
26) 1,2-Dichloroethane-d4	8.305	65	157020	19.03	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.12%		
29) Benzene-d6	8.275	84	497821	18.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	74.76%		
33) 1,2-Dichloropropane-d6	9.275	67	147278	19.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	76.68%		
37) Toluene-d8	10.323	98	481614	18.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	75.12%		
38) trans-1,3-Dichloroprop...	10.579	79	67058	16.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.68%		
39) 2-Hexanone-d5	10.927	63	51601	34.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.64%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	132878	19.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.32%		
61) 1,2-Dichlorobenzene-d4	13.853	152	167092	19.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	76.56%		
Target Compounds						
13) Acetone	4.147	43	3055	2.47	ug/L	99
14) Carbon disulfide	4.391	76	4885	0.23	ug/L	99
16) Methylene chloride	4.910	84	8877	0.98	ug/L	87
45) trans-1,3-Dichloropropene	10.573	75	4203	0.39	ug/L	90
46) 1,1,2-Trichloroethane	10.762	97	3662	0.65	ug/L #	26
49) 2-Hexanone	10.933	43	22943	7.60	ug/L #	29
58) 1,1,2,2-Tetrachloroethane	12.701	83	2387	0.35	ug/L #	15
66) 1,2-Dibromo-3-chloropr...	14.457	75	1311	1.03	ug/L #	10

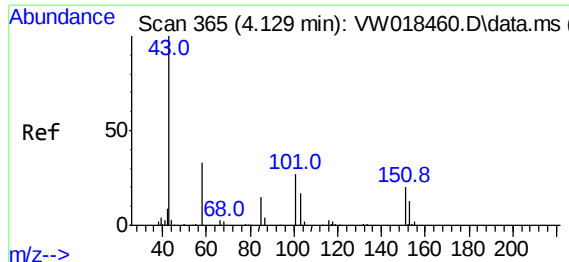
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 27 01:30:53 2021
Response via : Initial Calibration

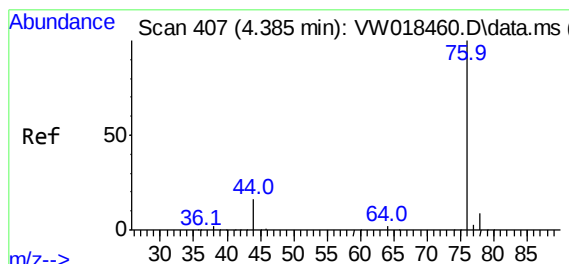
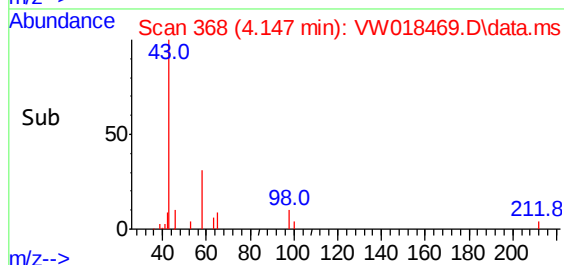
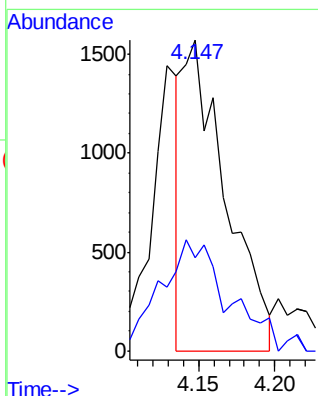
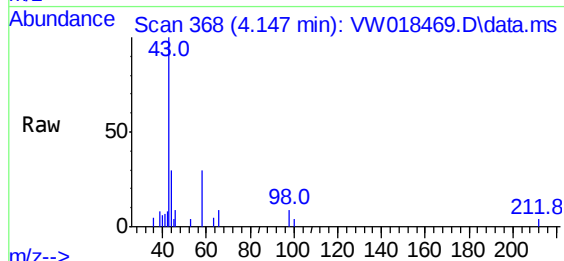




#13
Acetone
Concen: 2.47 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.018 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

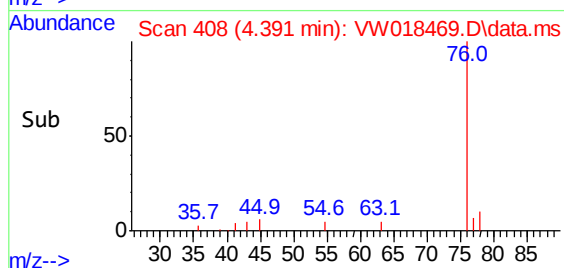
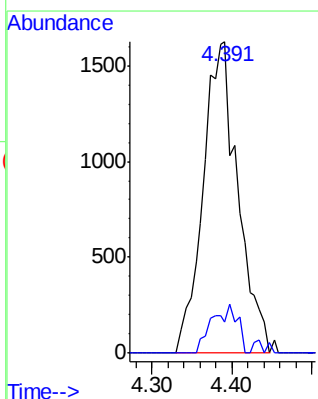
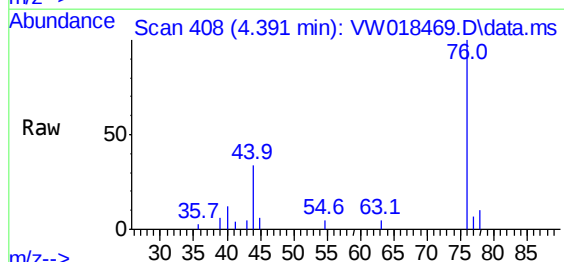
Instrument :
MSVOA_W
ClientSampled :
BG3M5

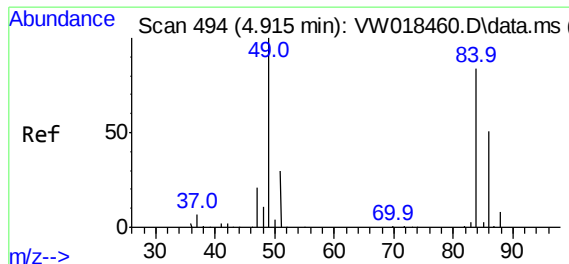
Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 30.6 0.0 62.2



#14
Carbon disulfide
Concen: 0.23 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

Tgt Ion: 76 Resp: 4885
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2



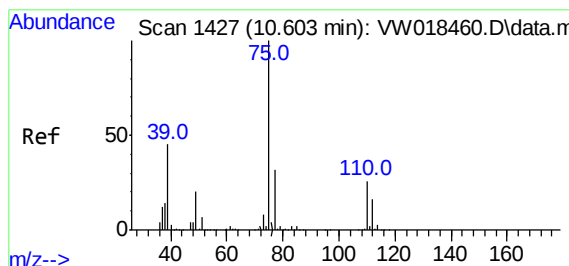
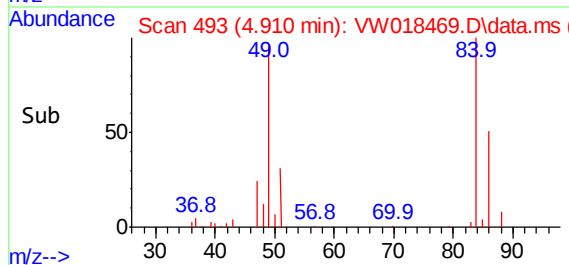
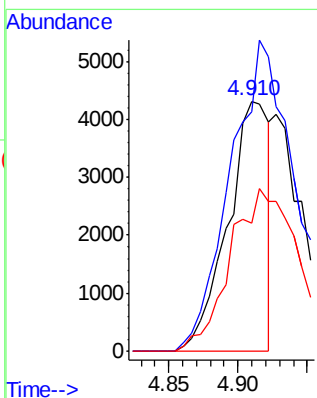
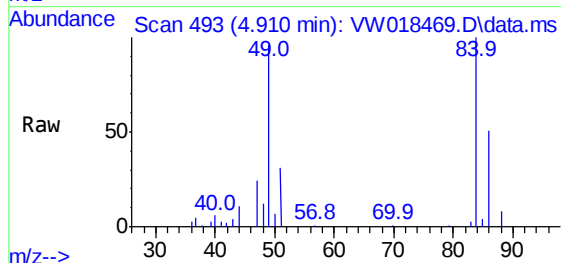


#16
Methylene chloride
Concen: 0.98 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

Instrument :
MSVOA_W
ClientSampleId :
BG3M5

Tgt Ion: 84 Resp: 8877

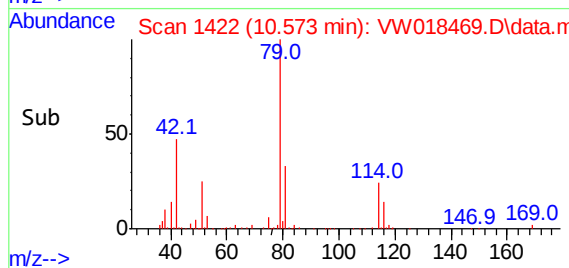
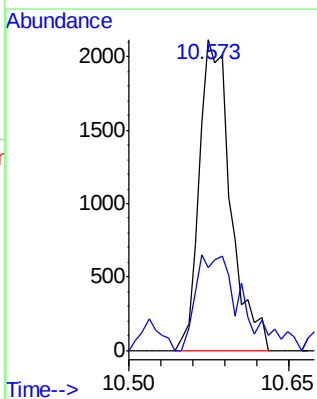
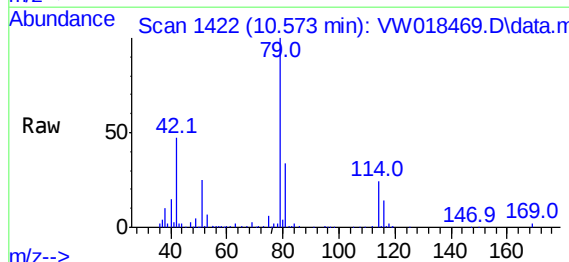
Ion	Ratio	Lower	Upper
84	100		
49	95.6	74.4	138.2
86	51.4	46.1	85.7

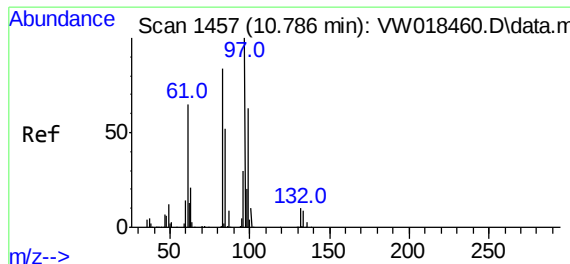


#45
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 10.573 min Scan# 1422
Delta R.T. -0.030 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

Tgt Ion: 75 Resp: 4203

Ion	Ratio	Lower	Upper
75	100		
77	26.9	22.6	42.0



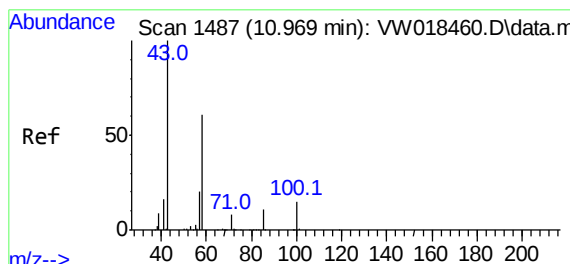
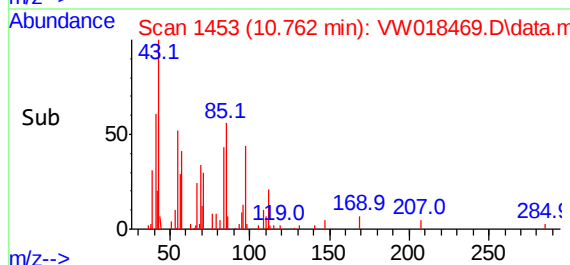
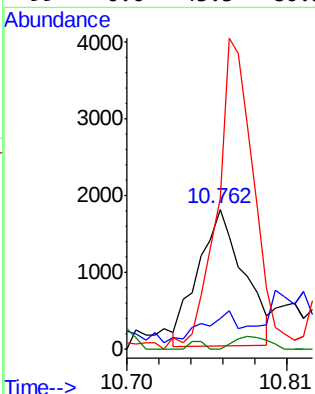
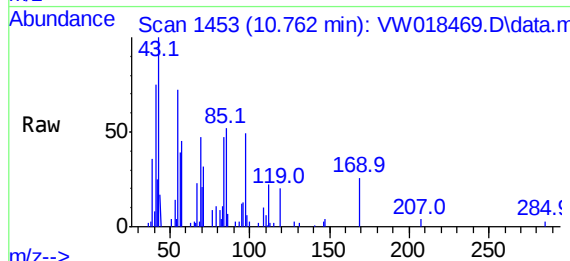


#46
1,1,2-Trichloroethane
Concen: 0.65 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

Instrument :
MSVOA_W
ClientSampled :
BG3M5

Tgt Ion: 97 Resp: 3662

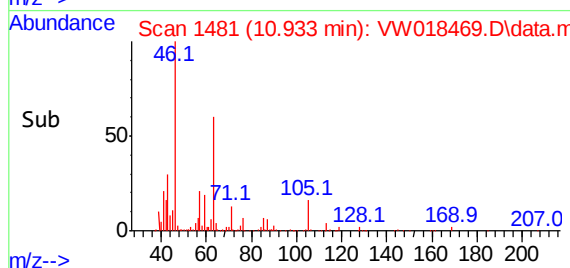
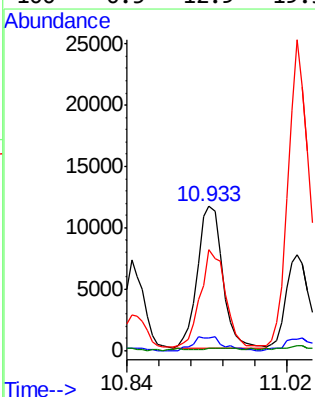
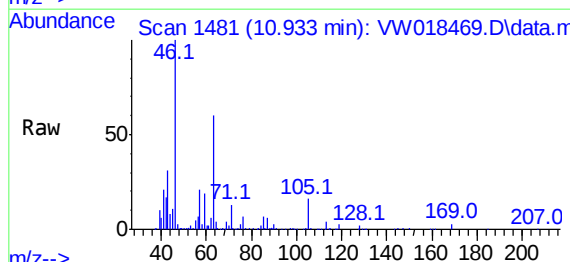
Ion	Ratio	Lower	Upper
97	100		
83	21.7	58.9	109.5#
85	108.0	38.4	71.4#
99	0.0	43.3	80.3#

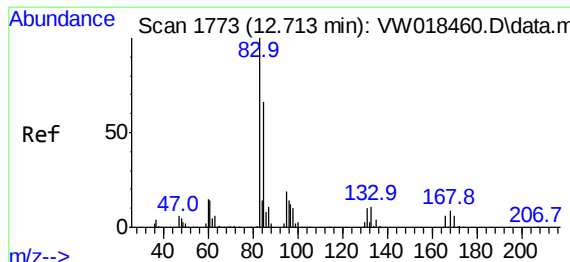


#49
2-Hexanone
Concen: 7.60 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.036 min
Lab File: VW018469.D
Acq: 26 Mar 2021 14:29

Tgt Ion: 43 Resp: 22943

Ion	Ratio	Lower	Upper
43	100		
58	6.2	47.3	70.9#
57	68.8	17.3	25.9#
100	0.5	12.9	19.3#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.35 ug/L

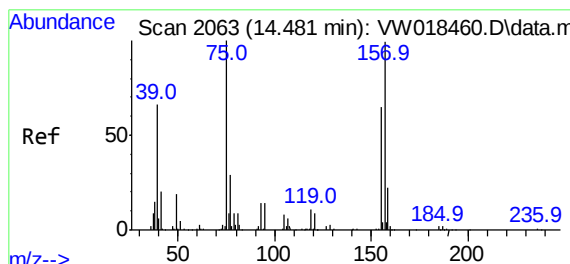
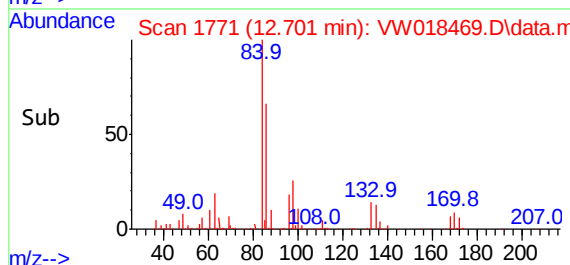
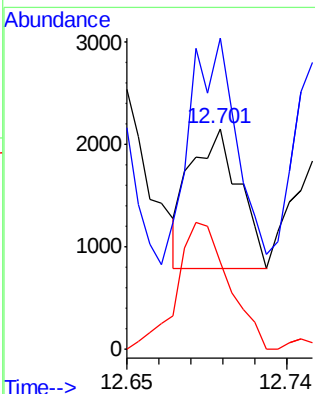
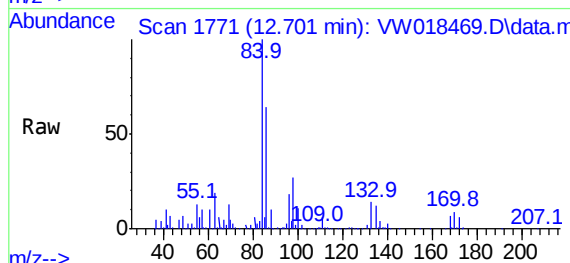
RT: 12.701 min Scan# 1771

Delta R.T. -0.012 min

Lab File: VW018469.D

Acq: 26 Mar 2021 14:29

Tgt Ion:	83	Resp:	2387
Ion	Ratio	Lower	Upper
83	100		
85	141.0	49.0	91.0#
131	39.6	8.7	13.1#



#66

1,2-Dibromo-3-chloropropane

Concen: 1.03 ug/L

RT: 14.457 min Scan# 2059

Delta R.T. -0.024 min

Lab File: VW018469.D

Acq: 26 Mar 2021 14:29

Tgt Ion:	75	Resp:	1311
Ion	Ratio	Lower	Upper
75	100		
157	0.0	65.2	97.8#
155	0.0	60.1	90.1#

