

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018468.D
 Acq On : 26 Mar 2021 13:41
 Operator : SY/VA
 Sample : M1816-06
 Misc : 5.73G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L4

Quant Time: Mar 27 01:33:22 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)

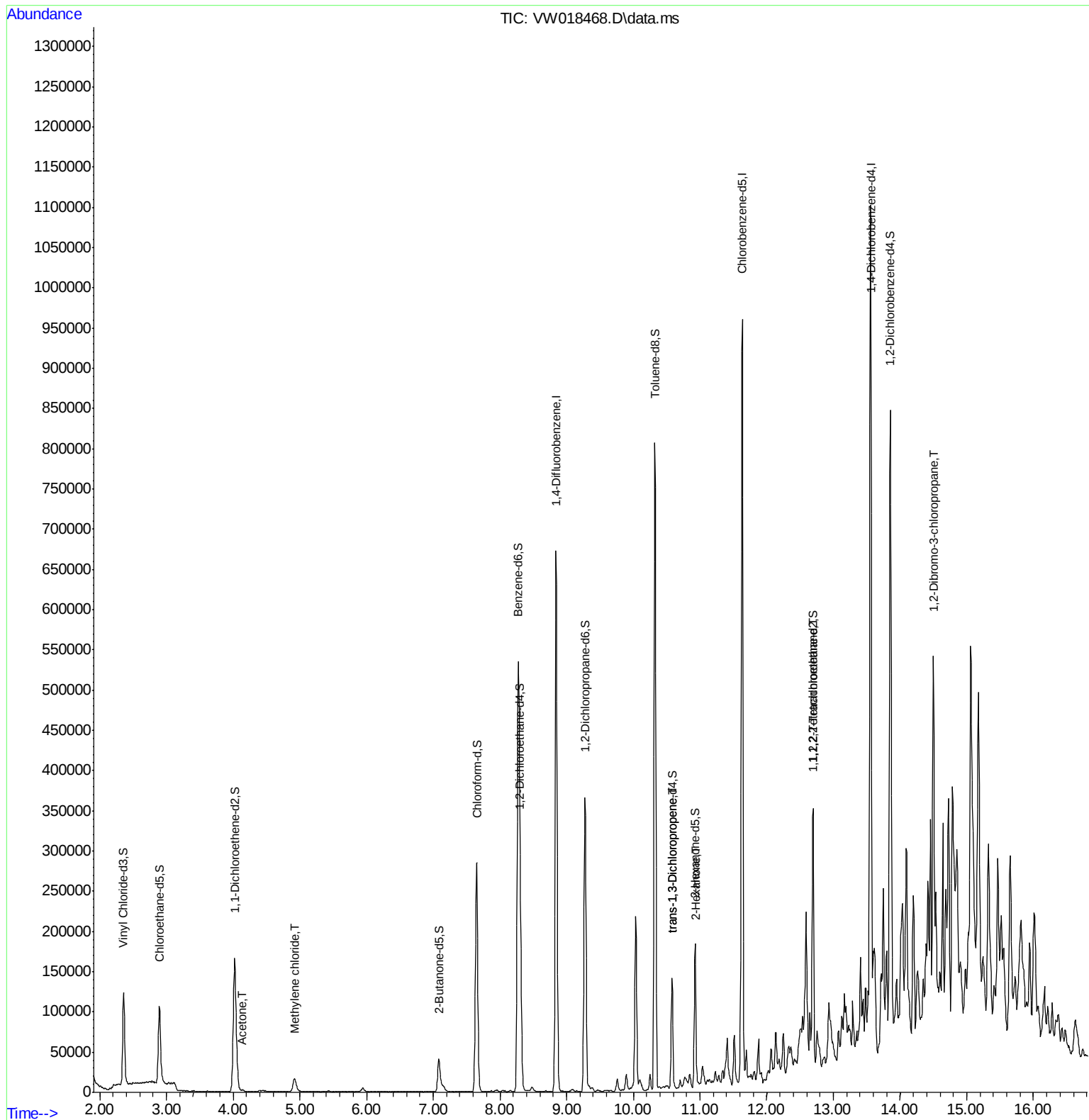
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	564818	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	509157	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	249865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134770	17.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.60%		
7) Chloroethane-d5	2.891	69	125695	18.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.08%		
10) 1,1-Dichloroethene-d2	4.019	63	182897	13.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.92%		
20) 2-Butanone-d5	7.086	46	68296	39.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	78.06%		
24) Chloroform-d	7.653	84	287549	19.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	79.96%		
26) 1,2-Dichloroethane-d4	8.305	65	175673	20.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.68%		
29) Benzene-d6	8.275	84	547749	20.24	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.96%		
33) 1,2-Dichloropropane-d6	9.274	67	161117	20.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.56%		
37) Toluene-d8	10.323	98	528920	20.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.16%		
38) trans-1,3-Dichloroprop...	10.579	79	72478	18.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.00%		
39) 2-Hexanone-d5	10.927	63	56773	37.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.32%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	143882	20.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	191583	21.57	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.28%		
Target Compounds						
13) Acetone	4.141	43	2713	2.16	ug/L	87
16) Methylene chloride	4.922	84	13955	1.51	ug/L	93
45) trans-1,3-Dichloropropene	10.579	75	4432	0.40	ug/L	97
49) 2-Hexanone	10.933	43	13219	4.31	ug/L #	47
58) 1,1,2,2-Tetrachloroethane	12.695	83	4404	0.63	ug/L #	20
66) 1,2-Dibromo-3-chloropr...	14.499	75	1550	1.20	ug/L #	18

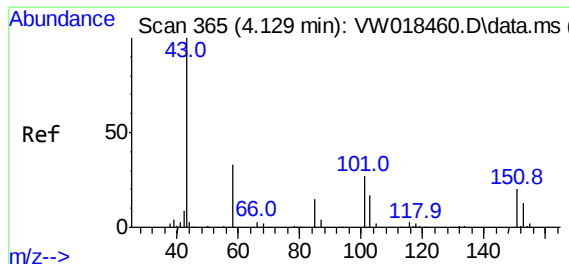
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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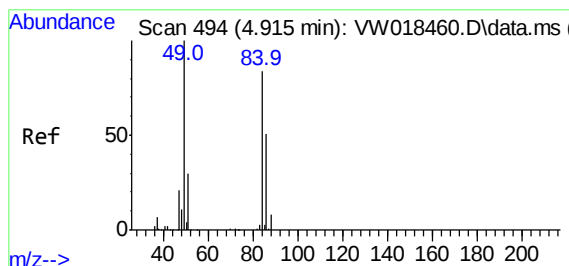
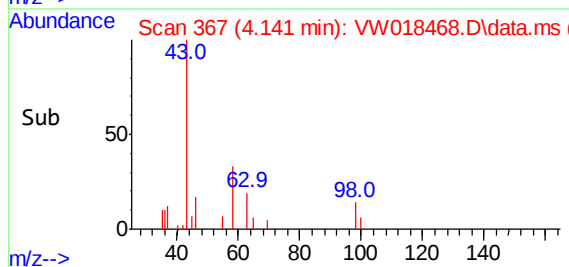
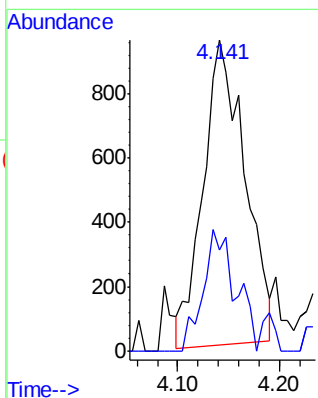
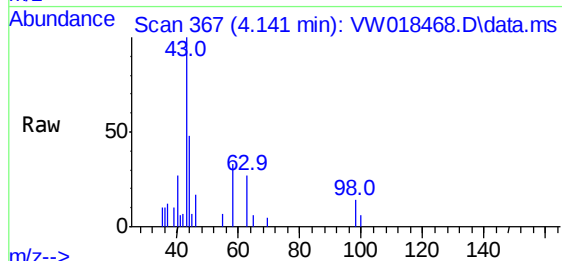




#13
Acetone
Concen: 2.16 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW018468.D
Acq: 26 Mar 2021 13:41

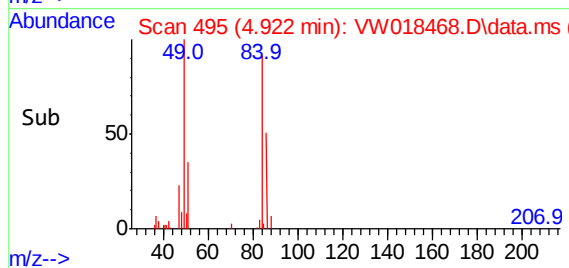
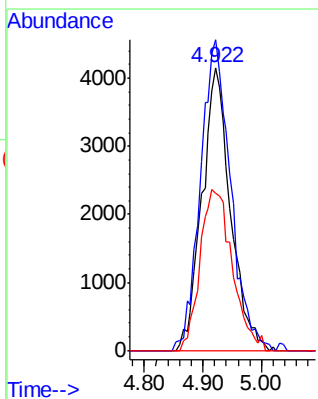
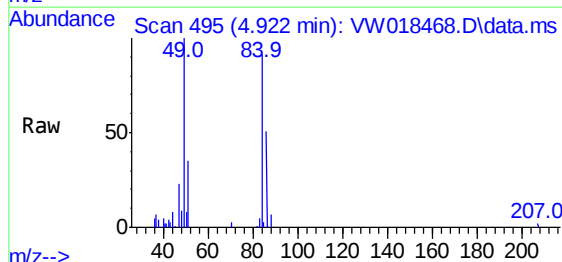
Instrument :
MSVOA_W
ClientSampleID :
BG3L4

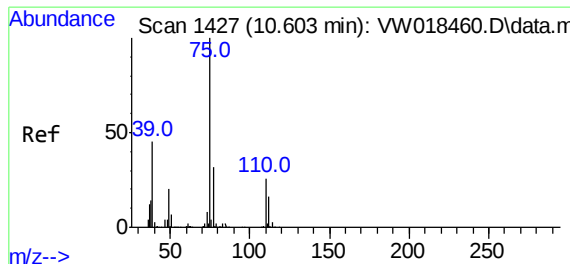
Tgt Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 24.0 0.0 62.2



#16
Methylene chloride
Concen: 1.51 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018468.D
Acq: 26 Mar 2021 13:41

Tgt Ion: 84 Resp: 13955
Ion Ratio Lower Upper
84 100
49 109.9 74.4 138.2
86 55.6 46.1 85.7

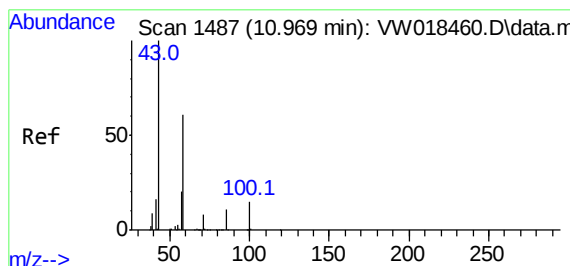
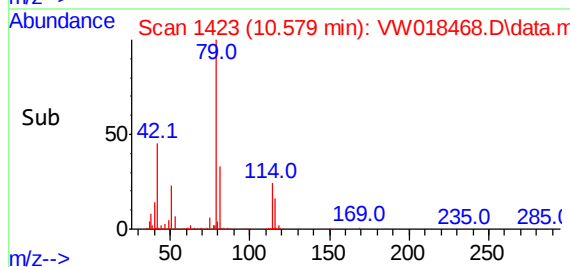
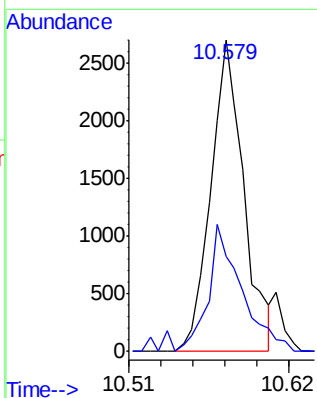
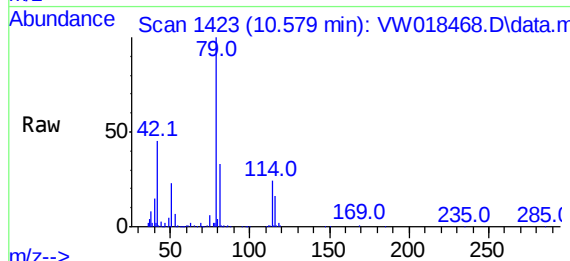




#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW018468.D
Acq: 26 Mar 2021 13:41

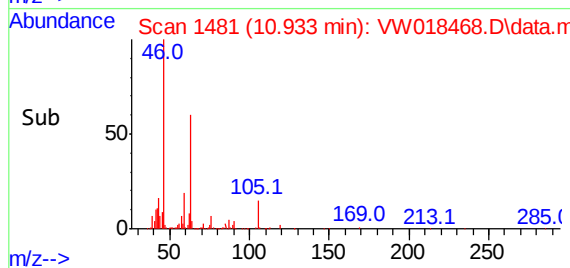
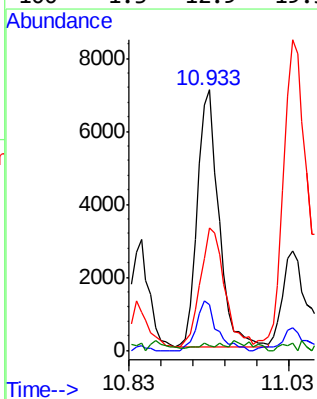
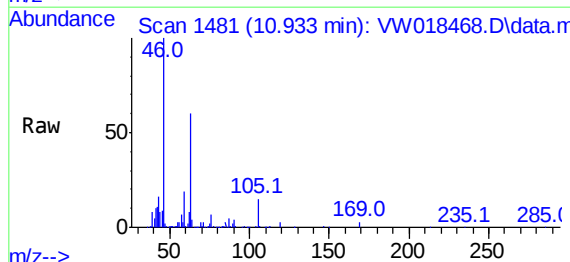
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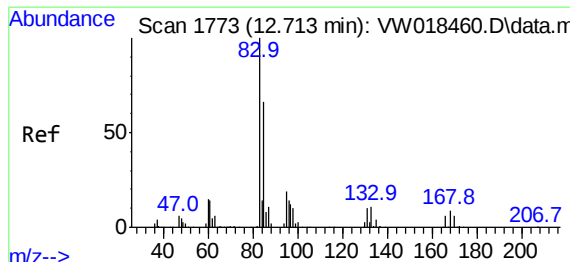
Tgt Ion: 75 Resp: 4432
Ion Ratio Lower Upper
75 100
77 30.4 22.6 42.0



#49
2-Hexanone
Concen: 4.31 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW018468.D
Acq: 26 Mar 2021 13:41

Tgt Ion: 43 Resp: 13219
Ion Ratio Lower Upper
43 100
58 18.1 47.3 70.9#
57 52.0 17.3 25.9#
100 1.3 12.9 19.3#



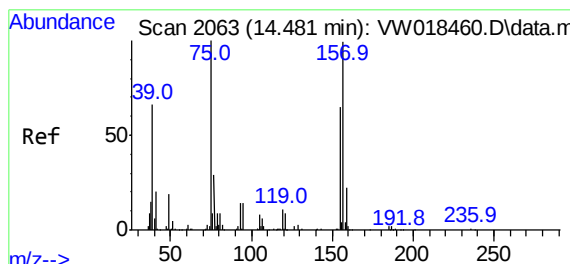
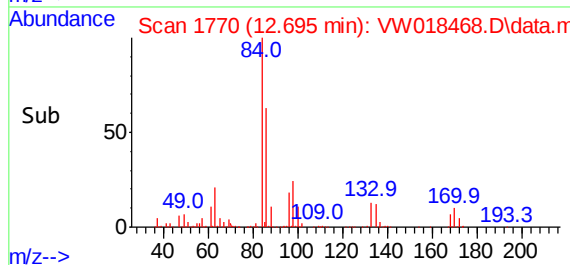
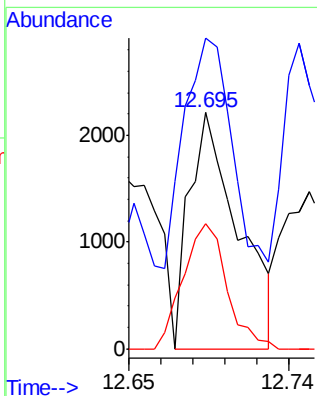
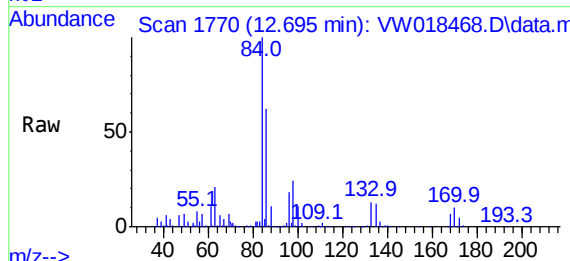


#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.63 ug/L
 RT: 12.695 min Scan# 1770
 Delta R.T. -0.018 min
 Lab File: VW018468.D
 Acq: 26 Mar 2021 13:41

Instrument :
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Tgt Ion: 83 Resp: 4404

Ion	Ratio	Lower	Upper
83	100		
85	131.6	49.0	91.0#
131	53.1	8.7	13.1#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.20 ug/L
 RT: 14.499 min Scan# 2066
 Delta R.T. 0.018 min
 Lab File: VW018468.D
 Acq: 26 Mar 2021 13:41

Tgt Ion: 75 Resp: 1550

Ion	Ratio	Lower	Upper
75	100		
157	0.0	65.2	97.8#
155	14.7	60.1	90.1#

