

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032621\
 Data File : VW018467.D
 Acq On : 26 Mar 2021 13:17
 Operator : SY/VA
 Sample : M1816-05
 Misc : 5.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L3

Quant Time: Mar 27 01:33:07 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)

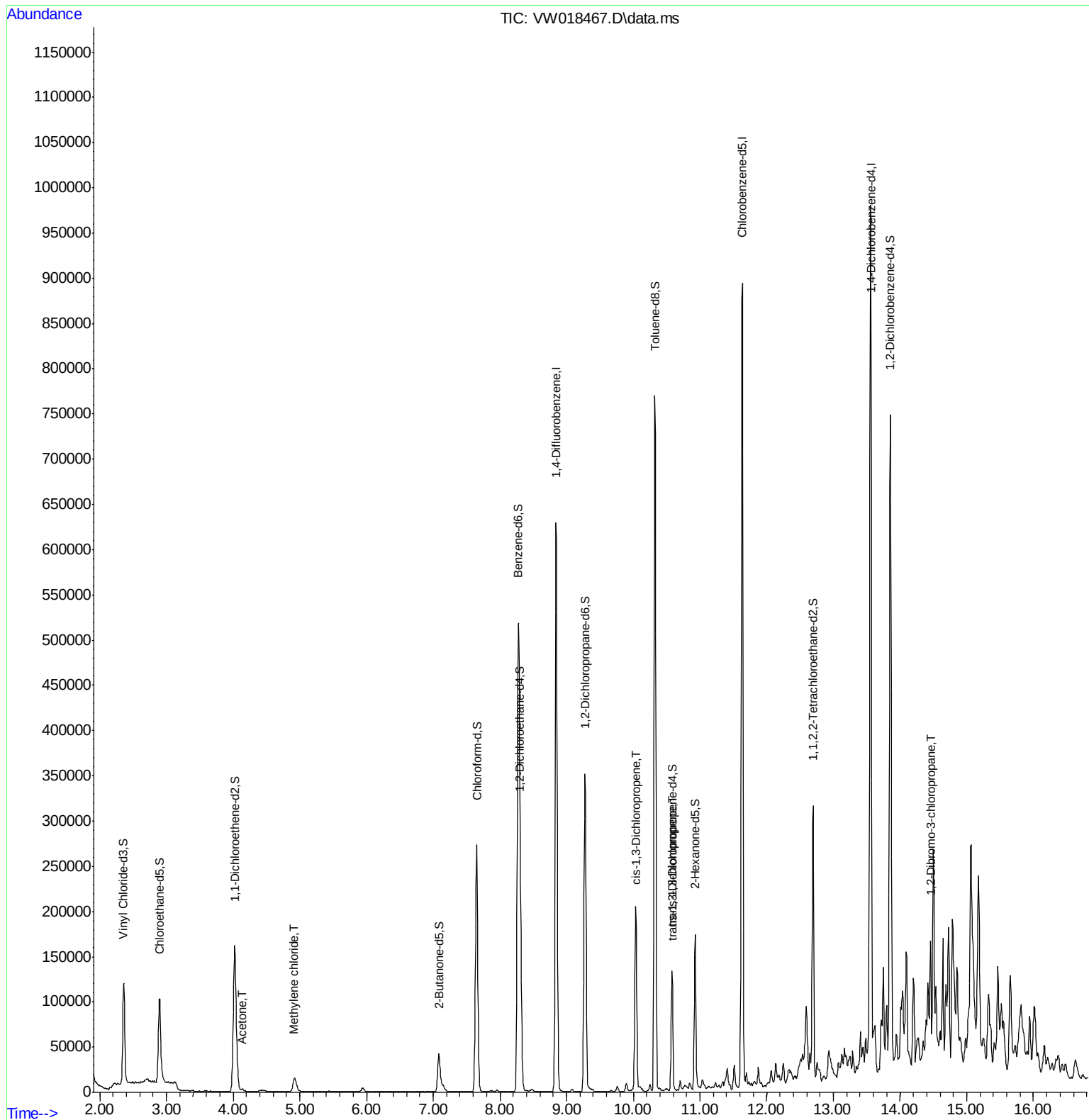
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	519926	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	482999	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	224492	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	135213	18.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.76%		
7) Chloroethane-d5	2.898	69	127213	20.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.36%		
10) 1,1-Dichloroethene-d2	4.025	63	179984	14.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.64%		
20) 2-Butanone-d5	7.086	46	67794	42.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.18%		
24) Chloroform-d	7.653	84	277272	20.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.76%		
26) 1,2-Dichloroethane-d4	8.305	65	167183	21.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	86.52%		
29) Benzene-d6	8.275	84	525112	20.45	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.80%		
33) 1,2-Dichloropropane-d6	9.274	67	155620	21.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.04%		
37) Toluene-d8	10.323	98	506482	20.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	81.96%		
38) trans-1,3-Dichloroprop...	10.579	79	71007	18.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	74.36%		
39) 2-Hexanone-d5	10.927	63	56433	38.93	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.86%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	136509	20.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.40%		
61) 1,2-Dichlorobenzene-d4	13.853	152	181606	22.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.00%		
Target Compounds						
13) Acetone	4.135	43	4203	3.63	ug/L	55
16) Methylene chloride	4.916	84	12880	1.51	ug/L	83
42) cis-1,3-Dichloropropene	10.043	75	6757	0.58	ug/L #	73
45) trans-1,3-Dichloropropene	10.585	75	3852	0.37	ug/L #	71
66) 1,2-Dibromo-3-chloropr...	14.457	75	1364	1.18	ug/L #	10

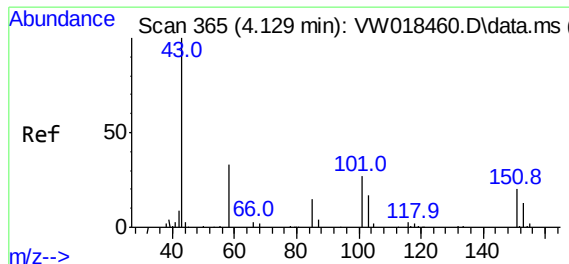
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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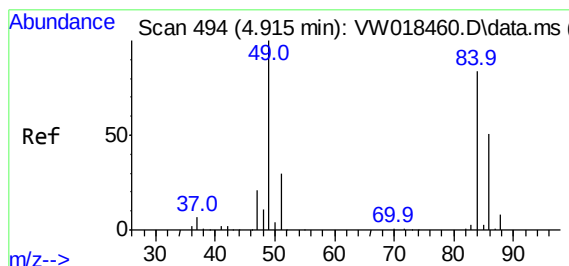
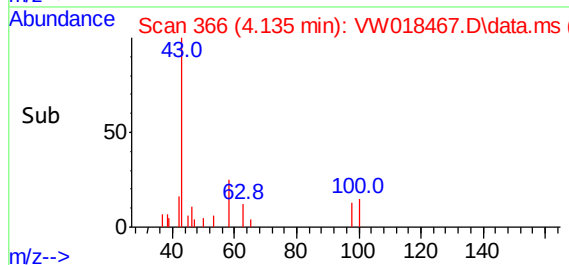
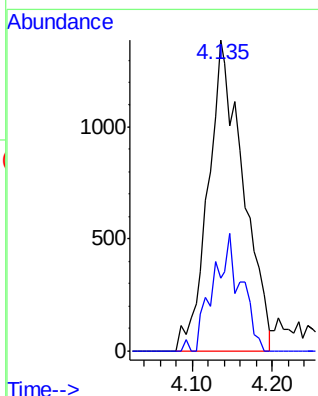
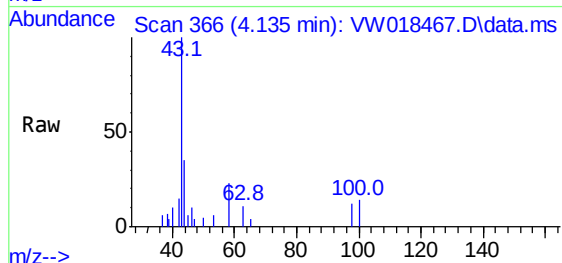




#13
Acetone
Concen: 3.63 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW018467.D
Acq: 26 Mar 2021 13:17

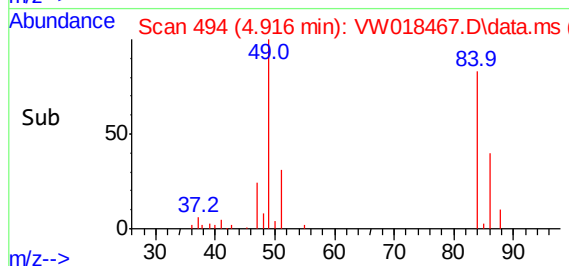
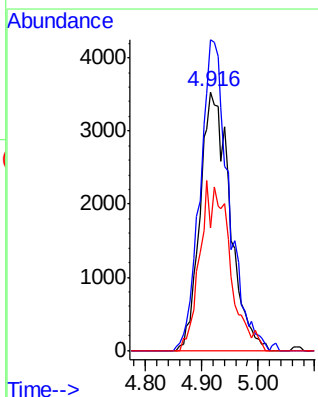
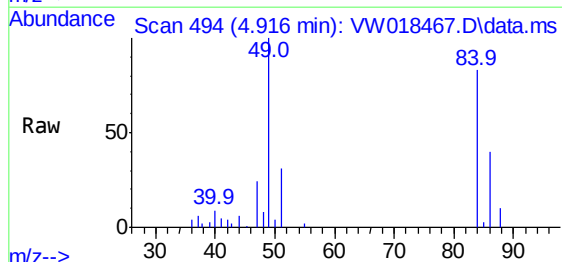
Instrument :
MSVOA_W
ClientSampled :
BG3L3

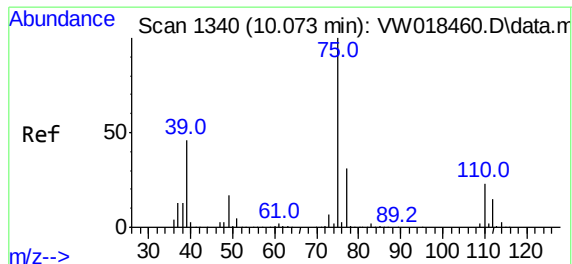
Tgt Ion: 43 Resp: 4203
Ion Ratio Lower Upper
43 100
58 6.3 0.0 62.2



#16
Methylene chloride
Concen: 1.51 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018467.D
Acq: 26 Mar 2021 13:17

Tgt Ion: 84 Resp: 12880
Ion Ratio Lower Upper
84 100
49 120.0 74.4 138.2
86 47.6 46.1 85.7

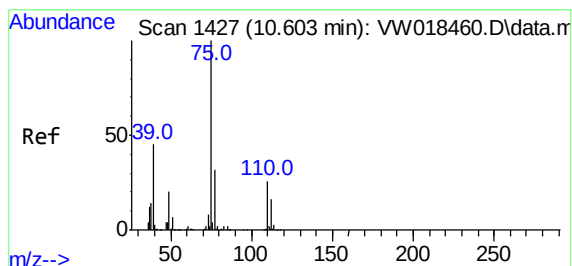
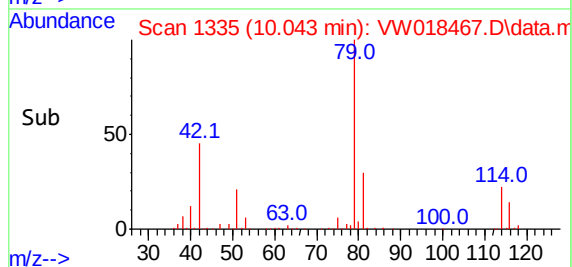
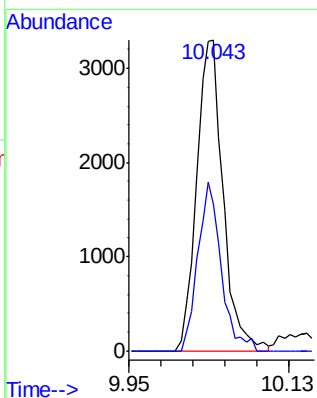
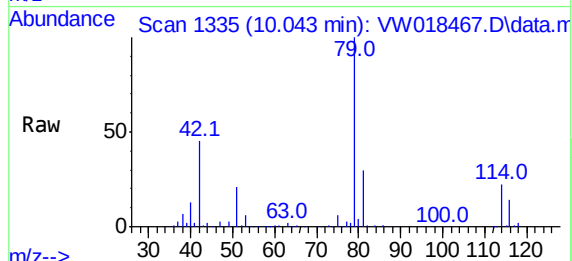




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW018467.D
Acq: 26 Mar 2021 13:17

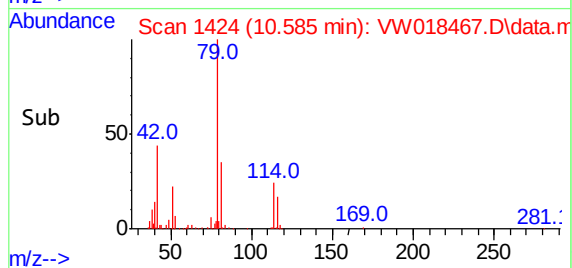
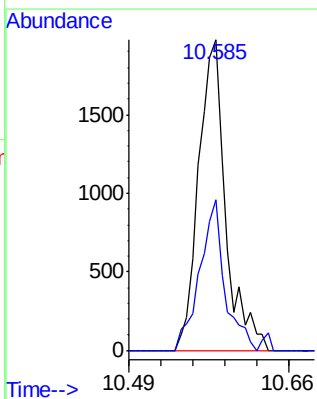
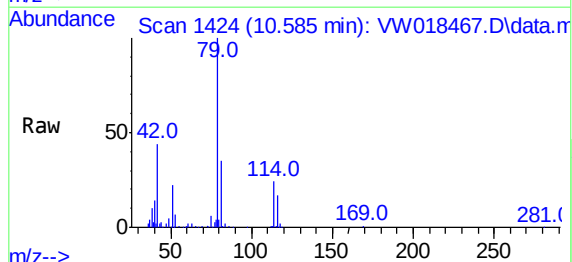
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MSVOA_W
ClientSampled :
BG3L3

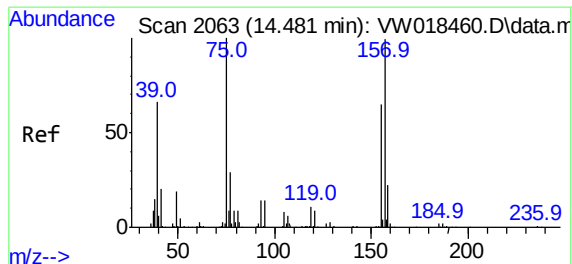
Tgt Ion: 75 Resp: 6757
Ion Ratio Lower Upper
75 100
77 47.1 22.4 41.6#



#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018467.D
Acq: 26 Mar 2021 13:17

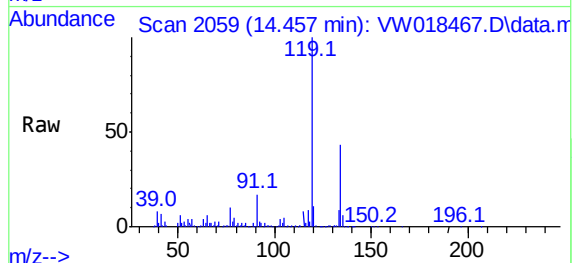
Tgt Ion: 75 Resp: 3852
Ion Ratio Lower Upper
75 100
77 48.4 22.6 42.0#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.18 ug/L
 RT: 14.457 min Scan# 2059
 Delta R.T. -0.024 min
 Lab File: VW018467.D
 Acq: 26 Mar 2021 13:17

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3L3



Tgt Ion: 75 Resp: 1364
 Ion Ratio Lower Upper
 75 100
 157 0.0 65.2 97.8#
 155 0.0 60.1 90.1#

