

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012021\
 Data File : VW017967.D
 Acq On : 20 Jan 2021 14:25
 Operator : SY/VA
 Sample : M1170-08RE
 Misc : 4.33G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFT89

Quant Time: Jan 20 22:03:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 22:00:56 2021
 Response via : Initial Calibration

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

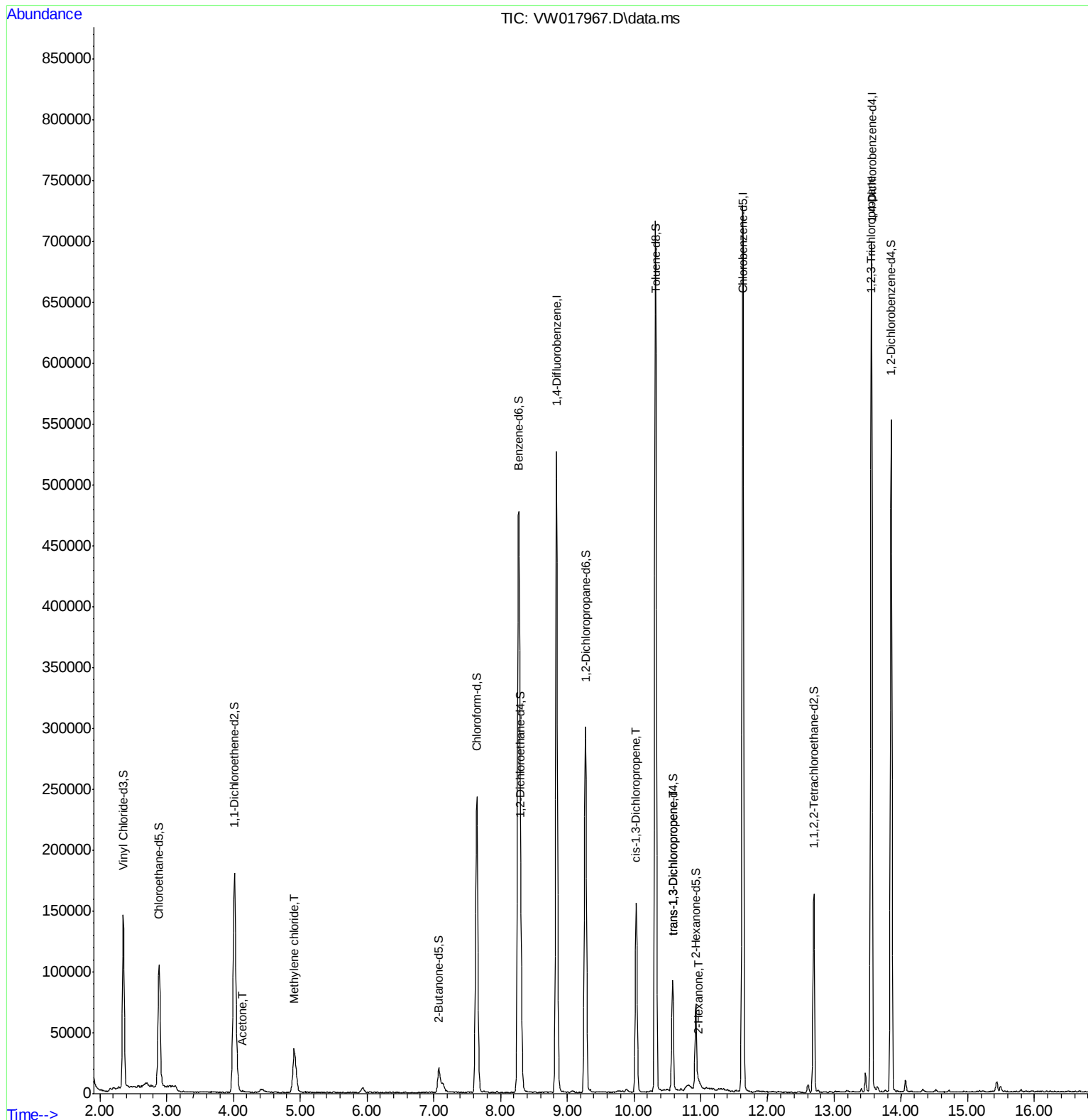
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	424642	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	170430	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	148988	22.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.40%		
7) Chloroethane-d5	2.885	69	120058	21.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.28%		
10) 1,1-Dichloroethene-d2	4.013	63	191807	15.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.72%		
20) 2-Butanone-d5	7.080	46	34594	21.46	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.92%		
24) Chloroform-d	7.647	84	241087	20.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.24%		
26) 1,2-Dichloroethane-d4	8.305	65	120449	18.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.52%		
29) Benzene-d6	8.269	84	486059	22.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.92%		
33) 1,2-Dichloropropane-d6	9.274	67	133518	21.94	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.76%		
37) Toluene-d8	10.323	98	451270	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.92%		
38) trans-1,3-Dichloroprop...	10.579	79	47102	16.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.80%		
39) 2-Hexanone-d5	10.927	63	23428	21.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	42.96%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	78190	14.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	57.80%		
61) 1,2-Dichlorobenzene-d4	13.853	152	127167	21.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.76%		
Target Compounds						Qvalue
13) Acetone	4.129	43	536	0.47	ug/L	70
16) Methylene chloride	4.909	84	27007	4.39	ug/L	84
42) cis-1,3-Dichloropropene	10.030	75	4946	0.58	ug/L	84
45) trans-1,3-Dichloropropene	10.579	75	2711	0.37	ug/L	99
49) 2-Hexanone	10.969	43	1630	0.66	ug/L #	60
59) 1,2,3-Trichloropropane	13.554	75	24584	6.12	ug/L	96

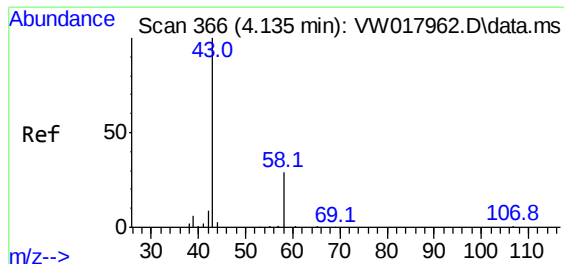
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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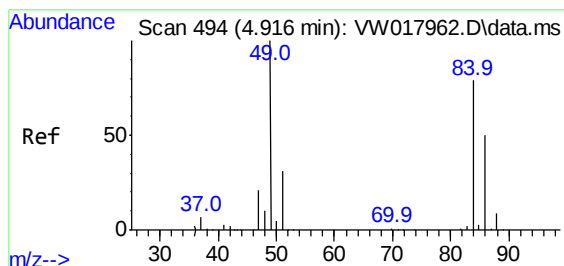
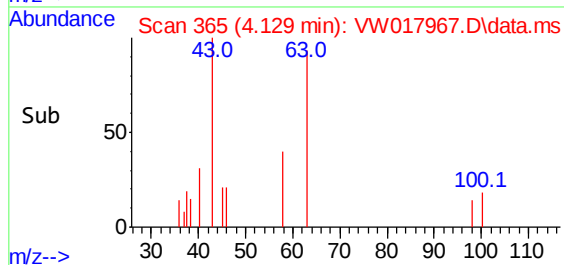
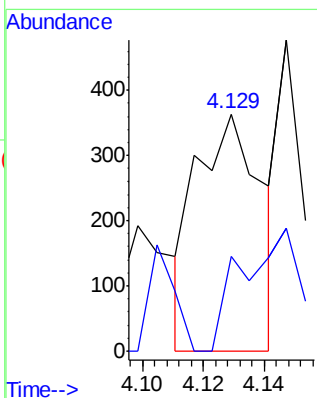
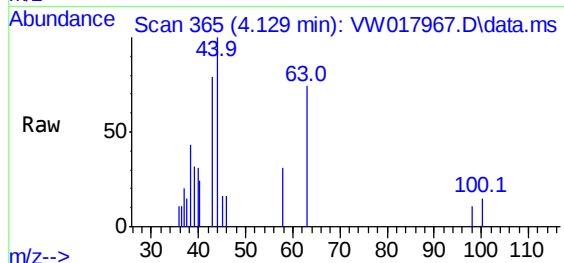




#13
Acetone
Concen: 0.47 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

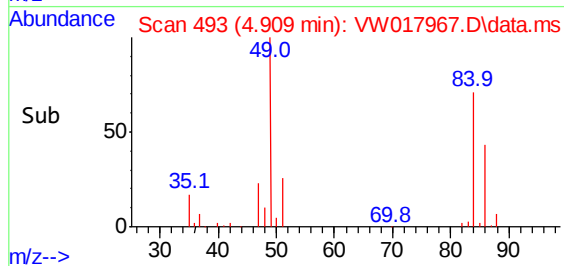
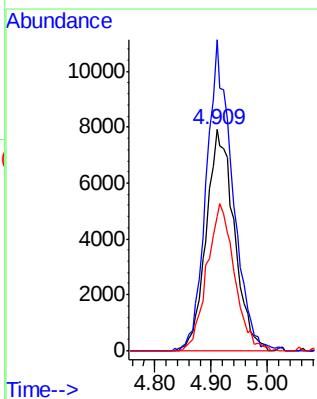
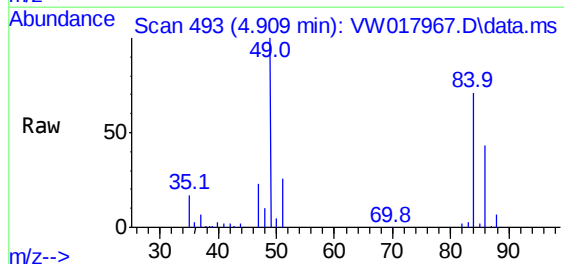
Instrument :
MSVOA_W
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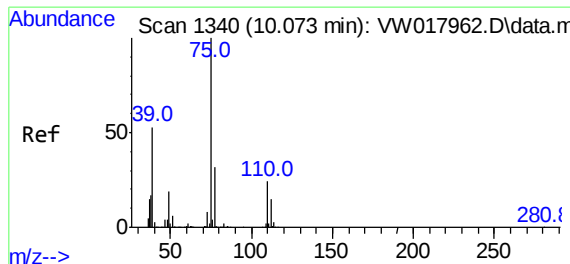
Tgt Ion: 43 Resp: 536
Ion Ratio Lower Upper
43 100
58 17.2 0.0 68.4



#16
Methylene chloride
Concen: 4.39 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

Tgt Ion: 84 Resp: 27007
Ion Ratio Lower Upper
84 100
49 140.9 81.2 150.8
86 61.0 44.5 82.7

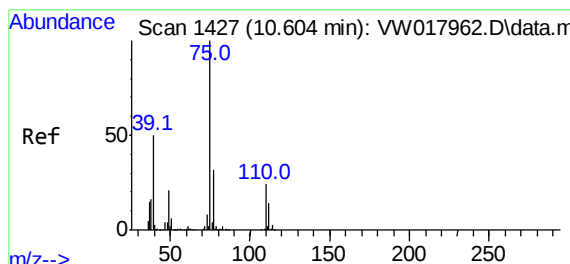
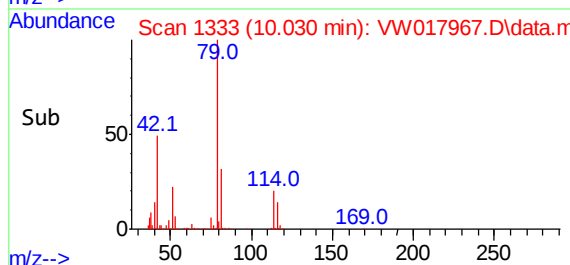
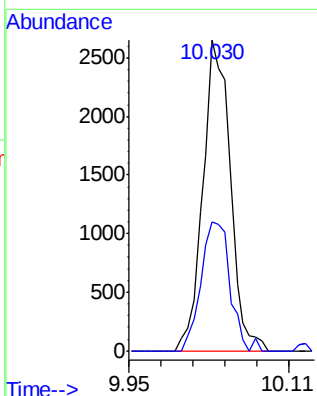
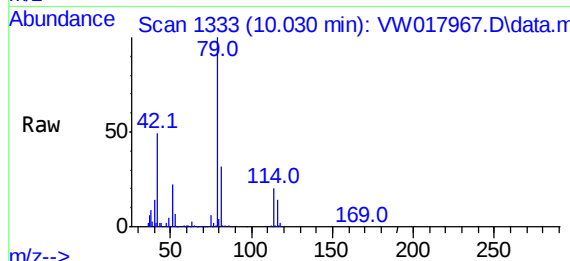




#42
cis-1,3-Dichloropropene
Concen: 0.58 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

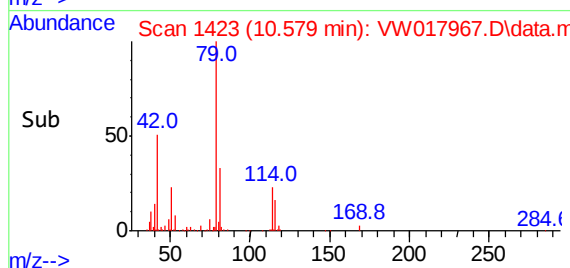
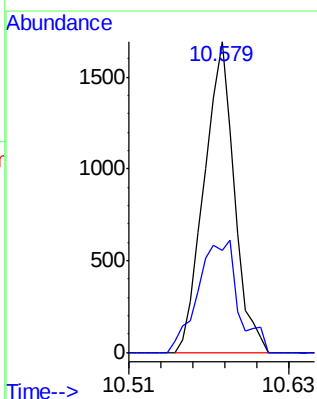
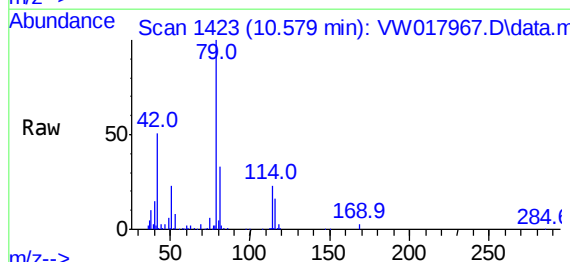
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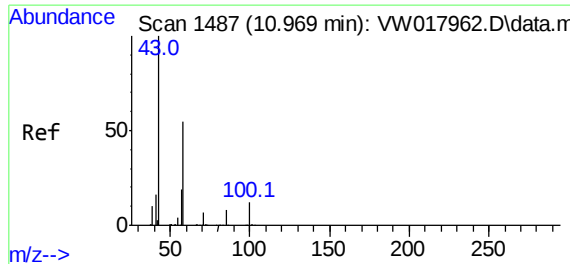
Tgt Ion: 75 Resp: 4946
Ion Ratio Lower Upper
75 100
77 41.5 22.7 42.3



#45
trans-1,3-Dichloropropene
Concen: 0.37 ug/L
RT: 10.579 min Scan# 1423
Delta R.T. -0.024 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

Tgt Ion: 75 Resp: 2711
Ion Ratio Lower Upper
75 100
77 33.0 22.6 42.0



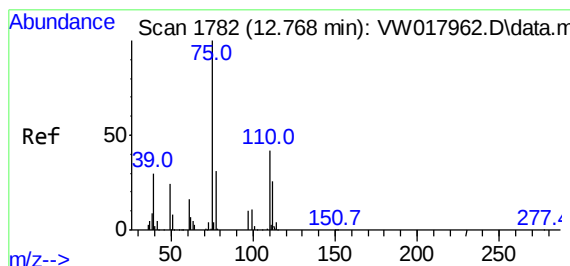
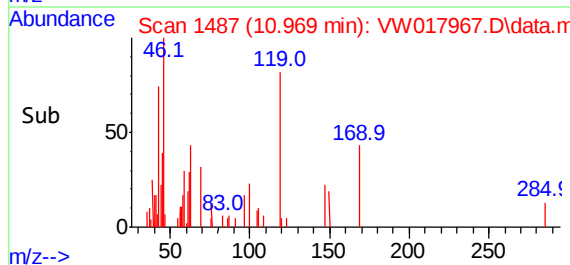
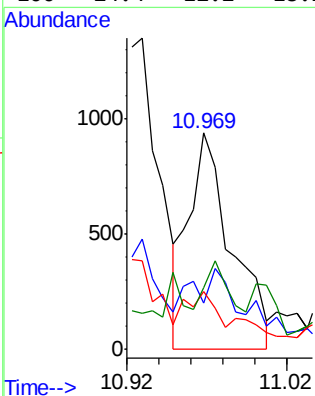
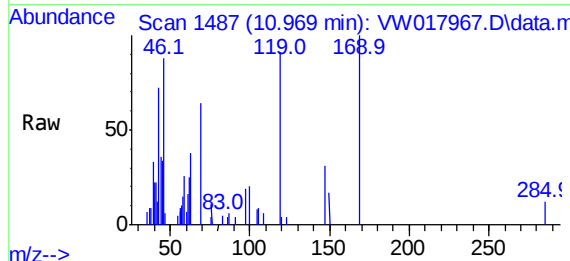


#49
2-Hexanone
Concen: 0.66 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

Instrument :
MSVOA_W
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BFT89

Tgt Ion: 43 Resp: 1630

Ion	Ratio	Lower	Upper
43	100		
58	21.2	51.3	76.9#
57	20.6	15.0	22.6
100	24.4	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 6.12 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW017967.D
Acq: 20 Jan 2021 14:25

Tgt Ion: 75 Resp: 24584

Ion	Ratio	Lower	Upper
75	100		
77	35.5	26.6	39.8

