

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017487.D
 Acq On : 24 Nov 2020 21:02
 Operator : SY/VA
 Sample : L4861-07
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 25 01:49:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506223	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	441922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198932	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	125760	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.56%
7) Chloroethane-d5	2.90	69	113376	20.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.72%
10) 1,1-Dichloroethene-d2	4.03	63	232547	15.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.76%
20) 2-Butanone-d5	7.09	46	75004	53.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.82%
24) Chloroform-d	7.77	84	165	0.01	ug/L	0.12
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.31	65	175587	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.27	84	596224	21.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.76%
33) 1,2-Dichloropropane-d6	9.27	67	177092	23.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.20%
37) Toluene-d8	10.33	98	537608	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.58	79	73539	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.56%
39) 2-Hexanone-d5	10.93	63	48367	51.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128016	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	169719	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

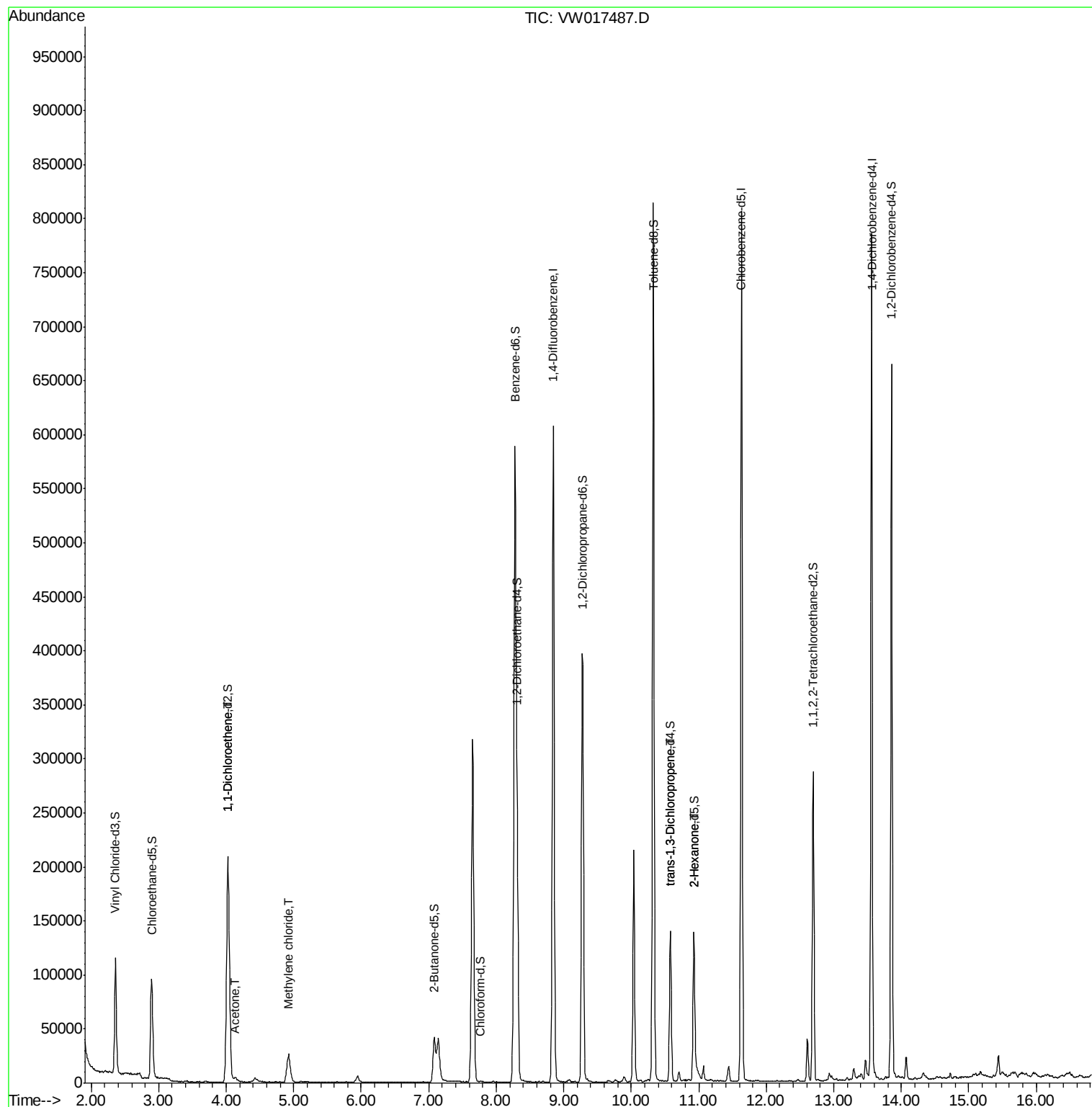
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1873	0.267 ug/L #	1
13) Acetone	4.13	43	4406	3.261 ug/L	85
16) Methylene chloride	4.92	84	21699	2.855 ug/L	95
45) trans-1,3-Dichloropropene	10.58	75	3664	0.442 ug/L	88
49) 2-Hexanone	10.93	43	6496	3.202 ug/L #	58

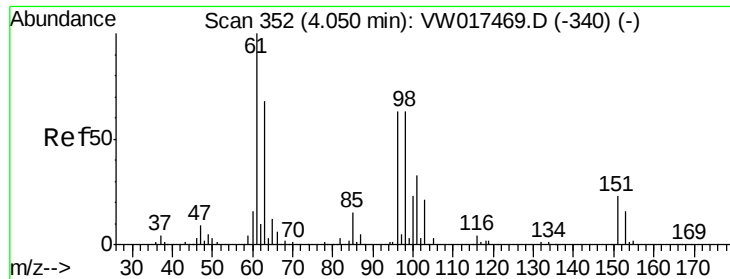
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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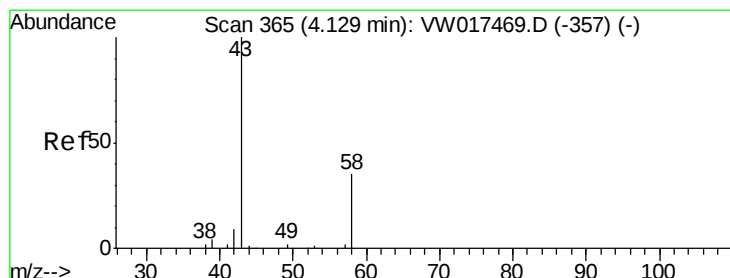
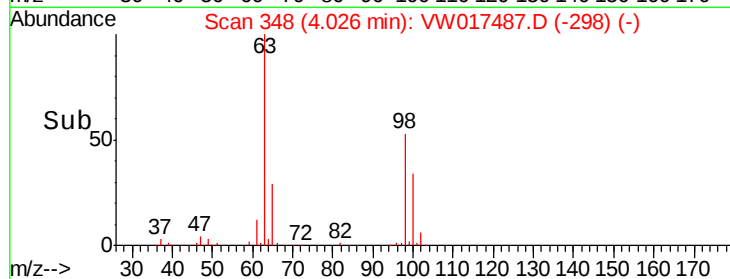
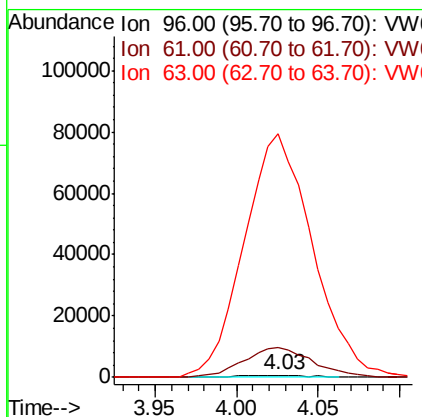
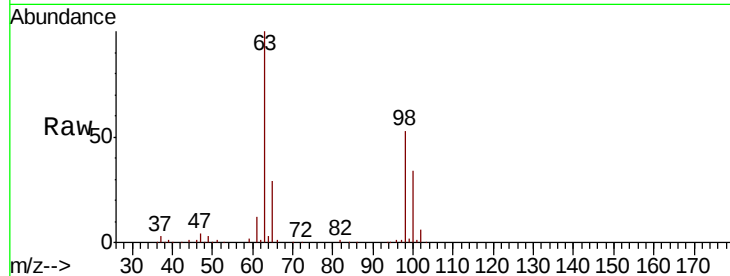




#12
 1,1-Dichloroethene
 Concen: 0.267 ug/L
 RT: 4.03 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VW017487.D
 Acq: 24 Nov 2020 21:02

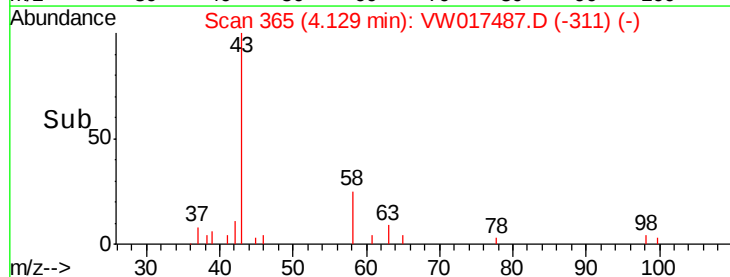
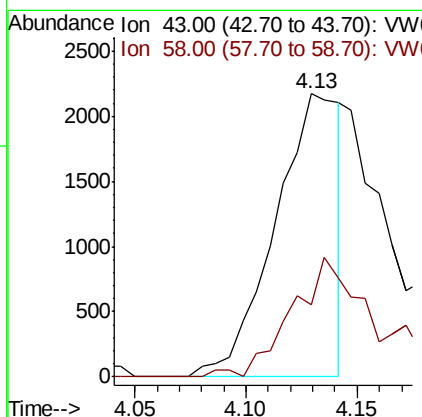
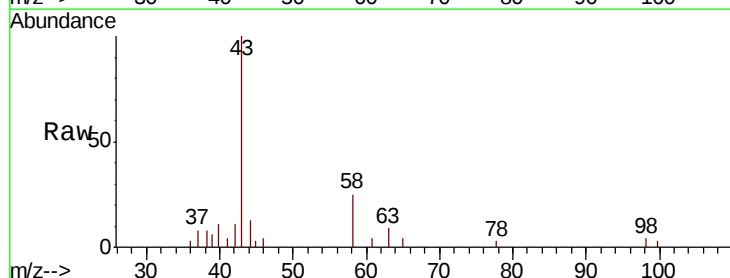
Instrument :
 MSVOA_W
 ClientSampleId :

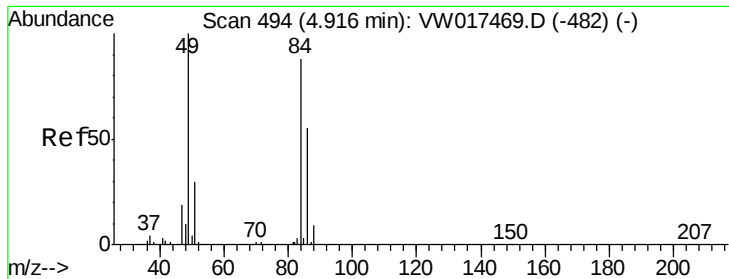
Tot Ion: 96 Resp: 1873
 Ion Ratio Lower Upper
 96 100
 61 1457.2 112.5 208.9#
 63 11675.3 83.1 154.3#



#13
 Acetone
 Concen: 3.261 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW017487.D
 Acq: 24 Nov 2020 21:02

Tgt Ion: 43 Resp: 4406
 Ion Ratio Lower Upper
 43 100
 58 42.7 0.0 68.4

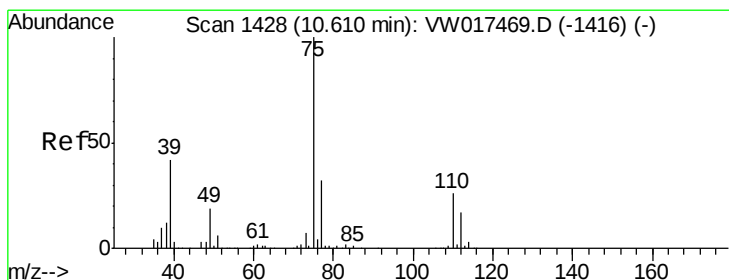
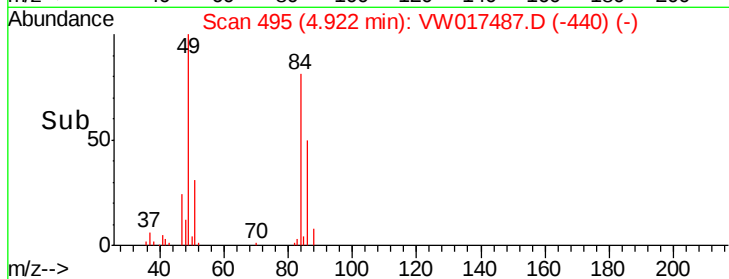
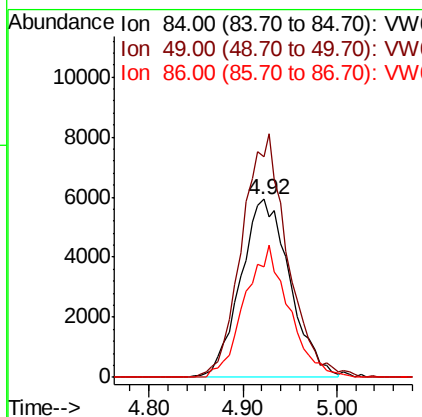
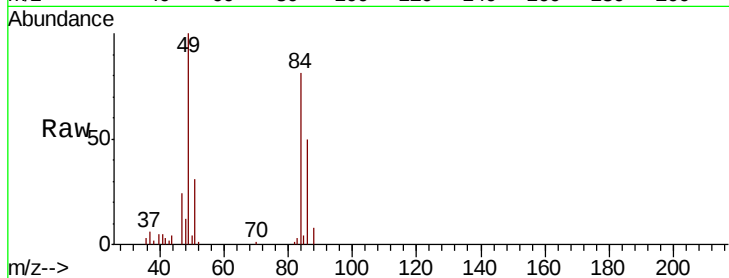




#16
Methylene chloride
Concen: 2.855 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017487.D
Acq: 24 Nov 2020 21:02

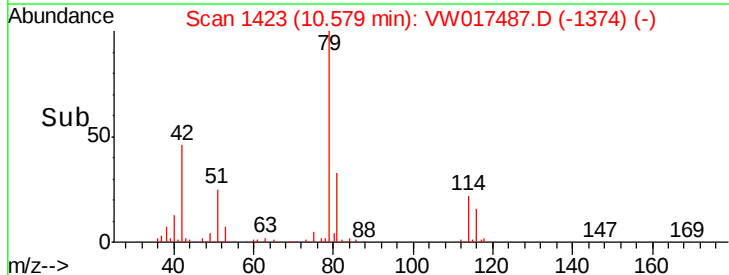
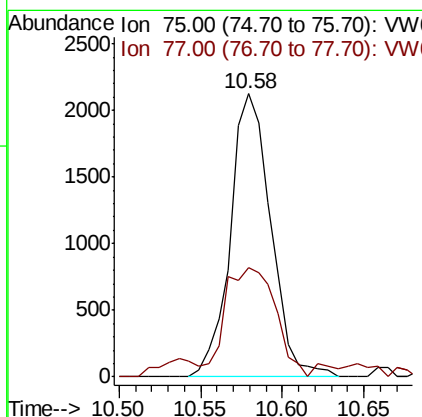
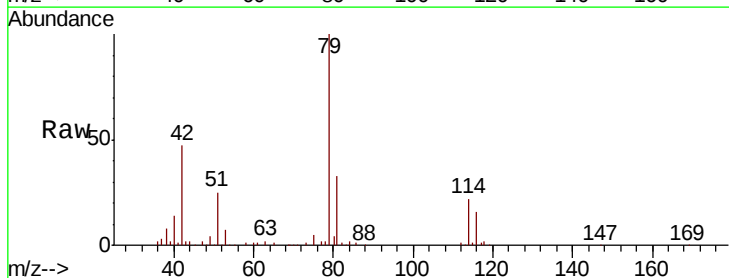
Instrument :
MSVOA_W
ClientSampled :

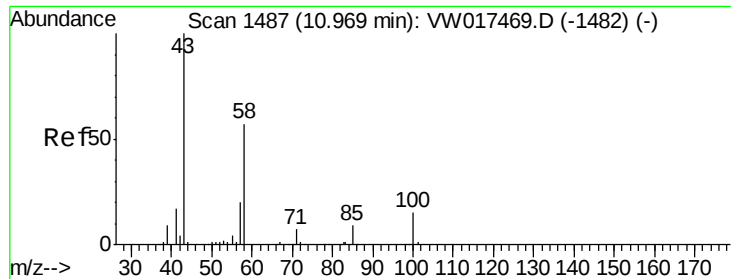
Tot Ion: 84 Resp: 21699
Ion Ratio Lower Upper
84 100
49 123.8 81.2 150.8
86 62.1 44.5 82.7



#45
trans-1,3-Dichloropropene
Concen: 0.442 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017487.D
Acq: 24 Nov 2020 21:02

Tgt Ion: 75 Resp: 3664
Ion Ratio Lower Upper
75 100
77 38.8 22.6 42.0





#49

2-Hexanone

Concen: 3.202 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017487.D

Acq: 24 Nov 2020 21:02

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6496

Ion Ratio Lower Upper

43 100

58 23.4 51.3 76.9#

57 24.7 15.0 22.6#

100 0.8 12.2 18.2#

