

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017856.D
 Acq On : 13 Jan 2021 18:39
 Operator : SY/VA
 Sample : M1132-08
 Misc : 5.64G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A07

Manual Integrations
 APPROVED

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 1/15/2021 4:07:06 PM

Quant Time: Jan 14 15:46:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 11:39:57 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	281549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	236164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	90545	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125500	28.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.24%
7) Chloroethane-d5	2.89	69	105322	29.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.16%
10) 1,1-Dichloroethene-d2	4.02	63	154443	20.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.40%
20) 2-Butanone-d5	7.08	46	55126	78.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.16%#
24) Chloroform-d	7.65	84	214174	29.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.44%
26) 1,2-Dichloroethane-d4	8.30	65	129685	34.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.24%#
29) Benzene-d6	8.27	84	406855	30.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.32%
33) 1,2-Dichloropropane-d6	9.27	67	120867	32.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.84%#
37) Toluene-d8	10.32	98	350413	27.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.72%
38) trans-1,3-Dichloropropene-	10.58	79	46069	28.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.72%
39) 2-Hexanone-d5	10.93	63	36760	79.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.66%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	93771	34.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	82772	26.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	3336m	5.472	ug/L	
16) Methylene chloride	4.93	84	8201m	2.037	ug/L	
31) 1,1,1-Trichloroethane	7.87	97	2014m	0.371	ug/L	
47) Tetrachloroethene	10.87	164	2214	0.758	ug/L	90

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

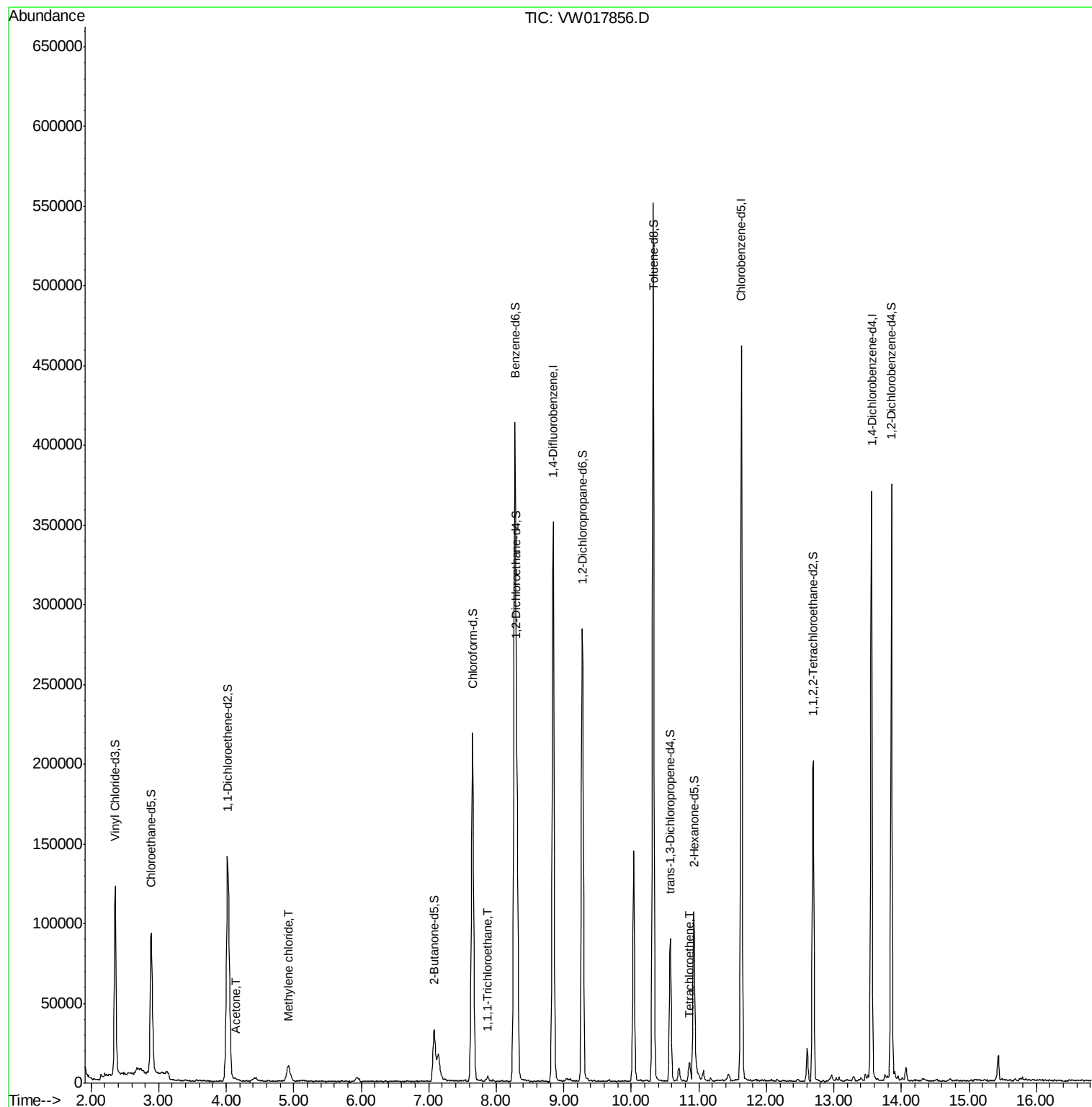
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
Data File : VW017856.D
Acq On : 13 Jan 2021 18:39
Operator : SY/VA
Sample : M1132-08
Misc : 5.64G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

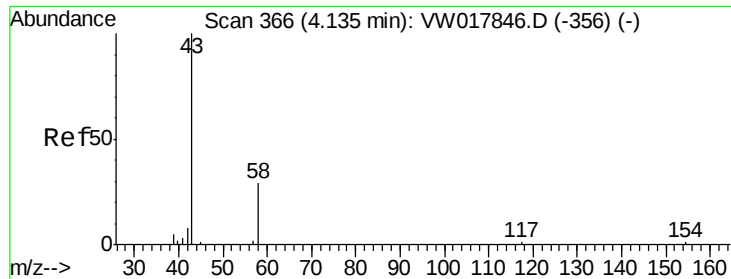
Instrument :
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ClientSampleId :
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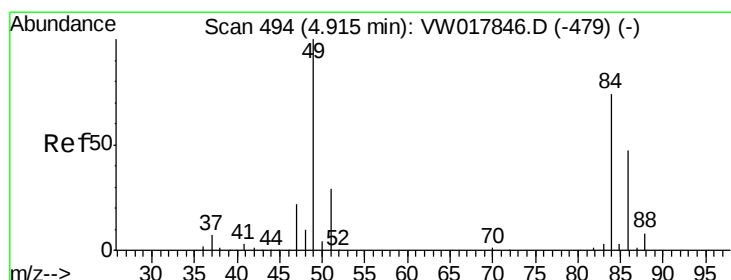
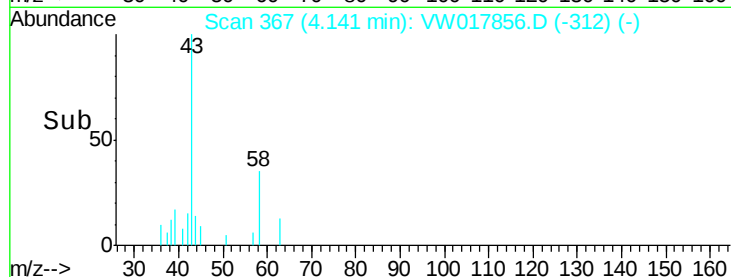
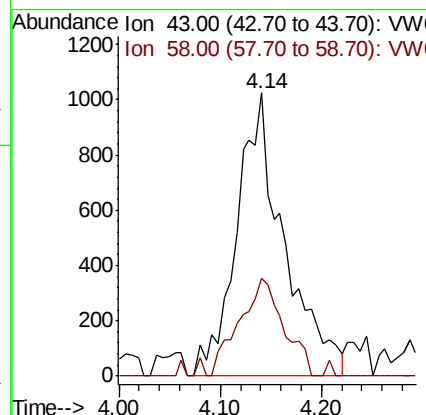
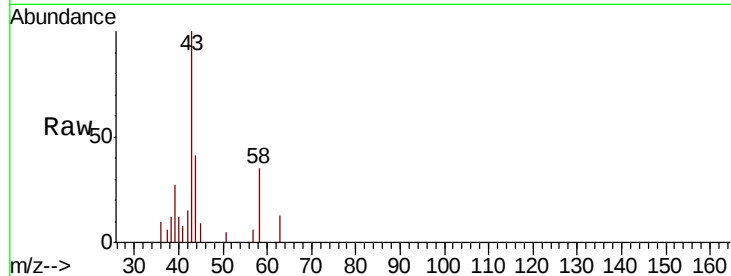
#13
Acetone
Concen: 5.472 ug/L m
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW017856.D
Acq: 13 Jan 2021 18:39

Instrument :
MSVOA_W
ClientSampleId :
F1A07

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	60.8

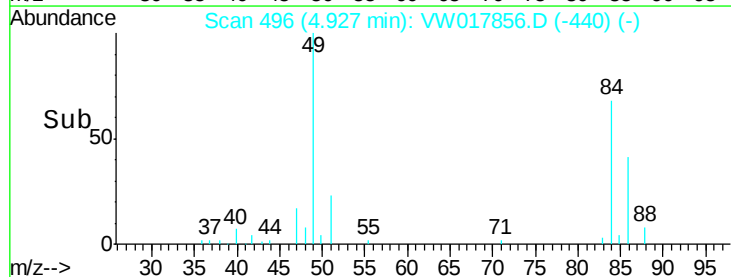
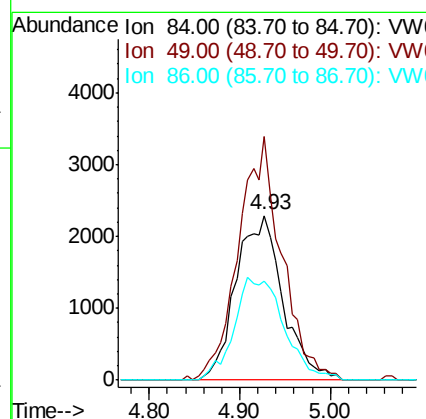
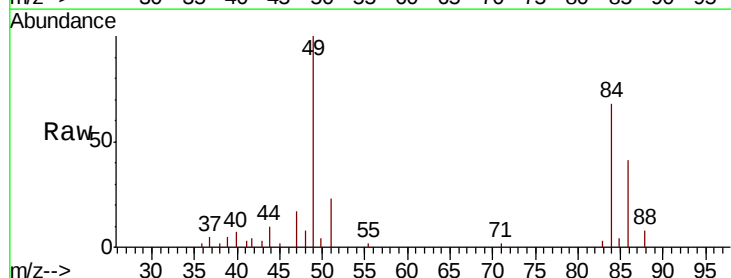
Manual Integrations
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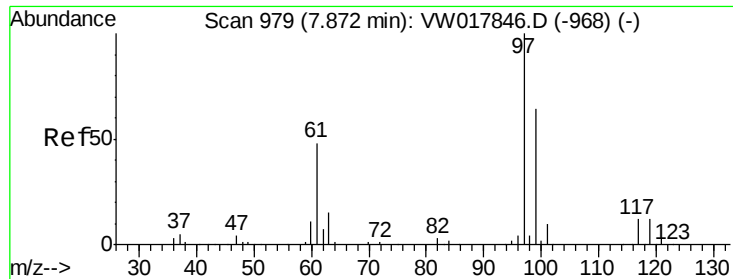
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#16
Methylene chloride
Concen: 2.037 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017856.D
Acq: 13 Jan 2021 18:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	147.8	90.5	168.1
86	59.9	44.8	83.2





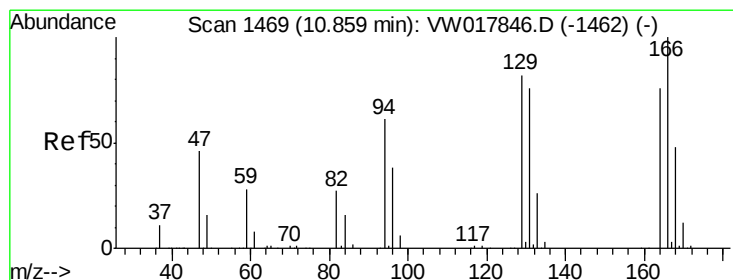
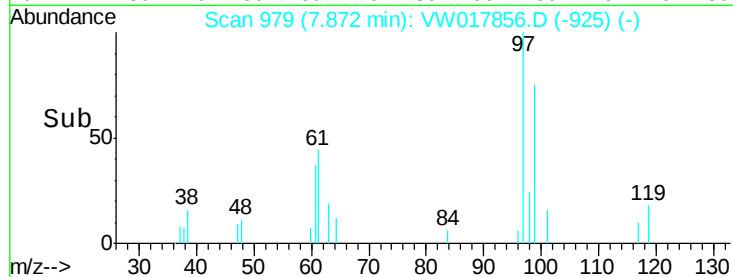
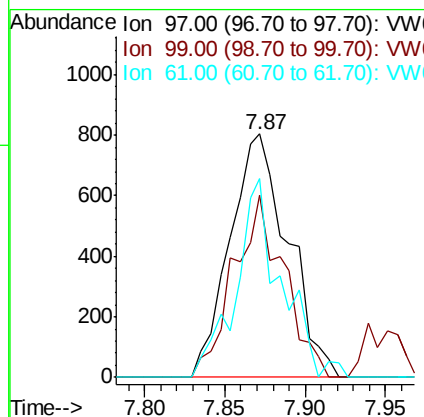
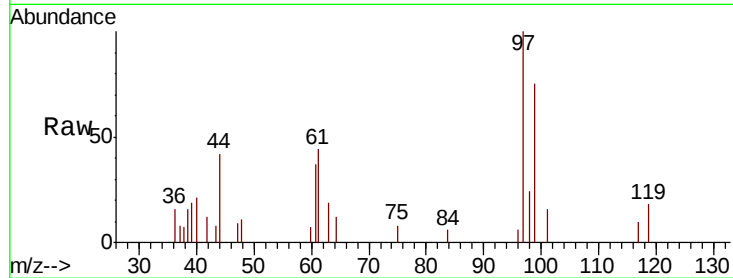
#31
 1,1,1-Trichloroethane
 Concen: 0.371 ug/L m
 RT: 7.87 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: VW017856.D
 Acq: 13 Jan 2021 18:39

Instrument :
 MSVOA_W
 ClientSampled :
 F1A07

Tot Ion	Ratio	Lower	Upper
97	100		
99	9.0	51.1	76.7#
61	51.8	35.8	53.8

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#47
 Tetrachloroethene
 Concen: 0.758 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017856.D
 Acq: 13 Jan 2021 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
129	85.8	62.9	116.9
131	92.3	63.8	118.6
166	102.4	87.4	162.2

