

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011321\
 Data File : VW017855.D
 Acq On : 13 Jan 2021 18:16
 Operator : SY/VA
 Sample : M1132-06
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1A05

Manual Integrations
 APPROVED

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 1/15/2021 4:07:04 PM

Quant Time: Jan 14 15:45:30 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	319457	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272278	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	103295	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	125395	25.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.48%
7) Chloroethane-d5	2.89	69	102983	25.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.00%
10) 1,1-Dichloroethene-d2	4.02	63	160493	18.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.56%
20) 2-Butanone-d5	7.07	46	57467	71.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.46%#
24) Chloroform-d	7.65	84	216471	25.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.72%
26) 1,2-Dichloroethane-d4	8.31	65	133026	30.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	123.16%
29) Benzene-d6	8.27	84	419030	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	9.27	67	127479	30.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.60%#
37) Toluene-d8	10.32	98	372480	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.16%
38) trans-1,3-Dichloropropene-	10.58	79	50334	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.84%
39) 2-Hexanone-d5	10.93	63	39277	73.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101748	32.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.68%#
61) 1,2-Dichlorobenzene-d4	13.85	152	92238	25.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.56%

Target Compounds					Ovalue
13) Acetone	4.14	43	3741m	5.408	ug/L
16) Methylene chloride	4.92	84	7733m	1.693	ug/L
47) Tetrachloroethene	10.86	164	128956	38.276	ug/L

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

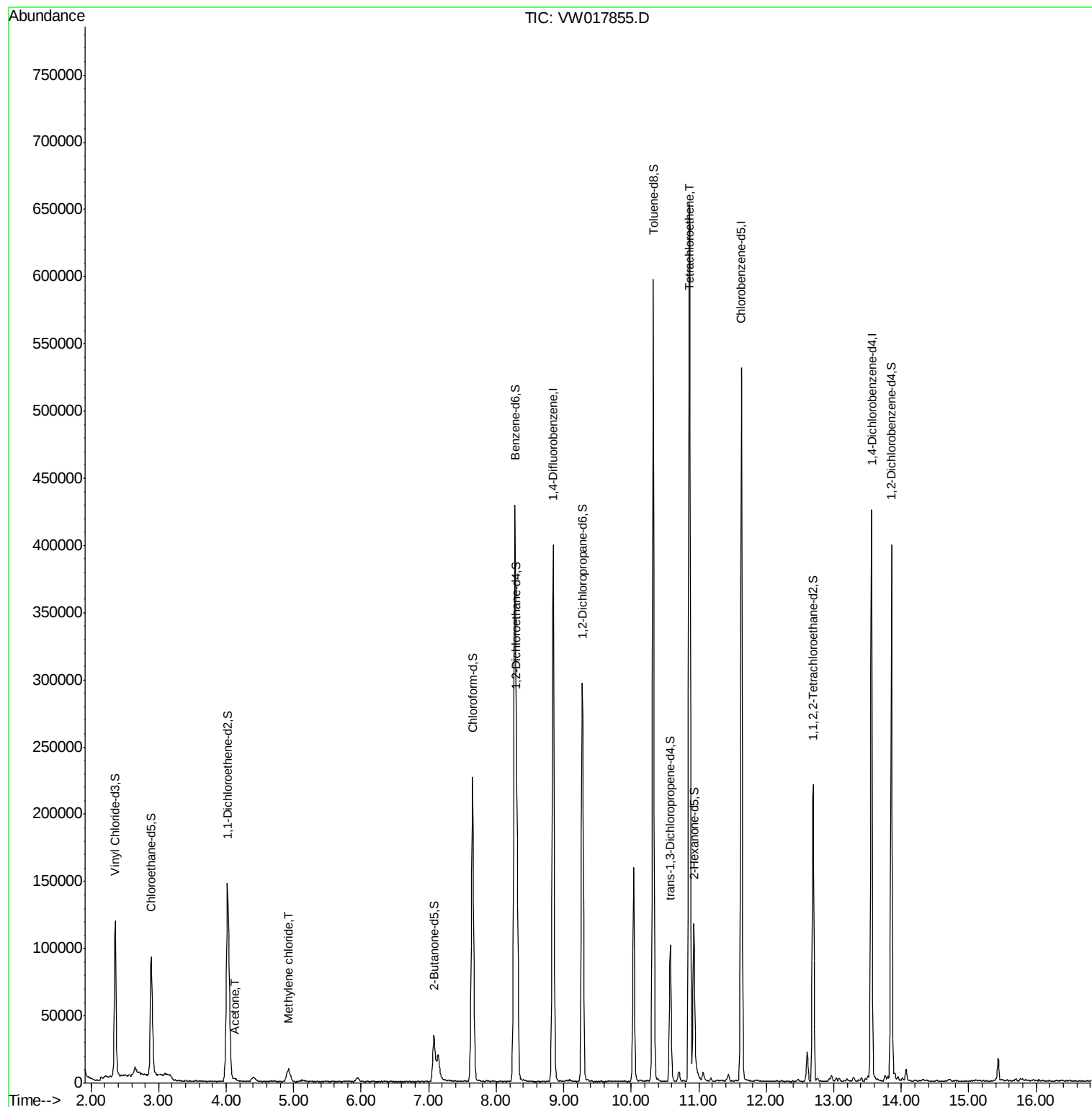
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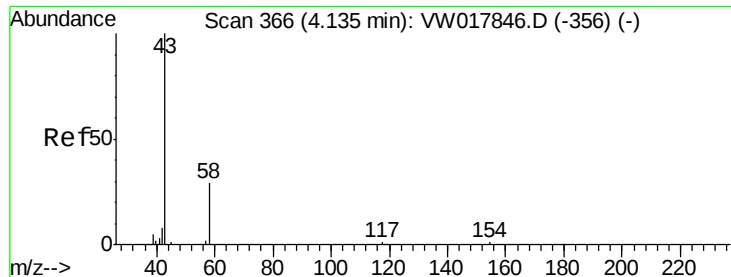
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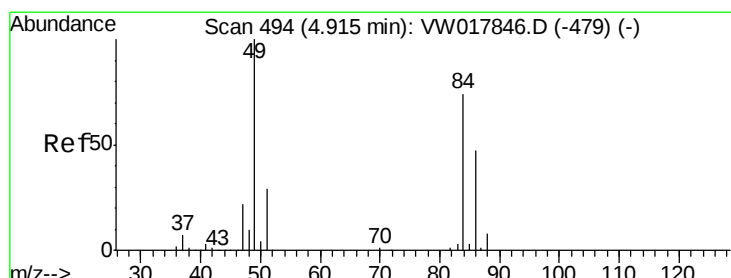
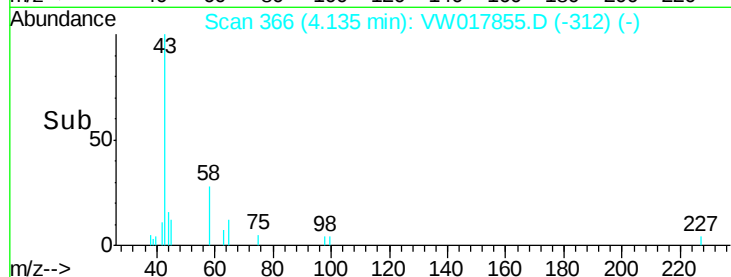
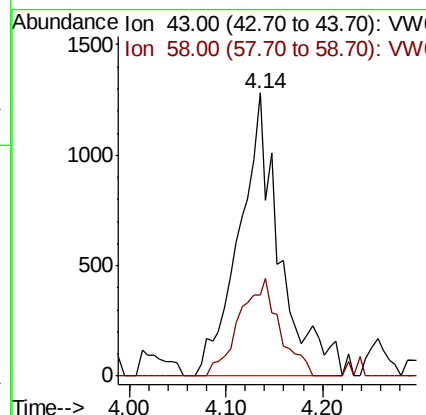
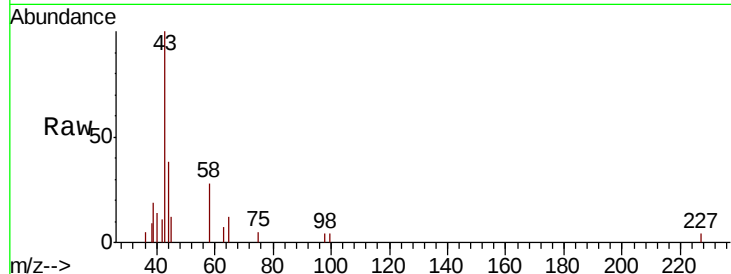
#13
Acetone
Concen: 5.408 ug/L m
RT: 4.14 min Scan# 366
Delta R.T. 0.00 min
Lab File: VW017855.D
Acq: 13 Jan 2021 18:16

Instrument :
MSVOA_W
ClientSampled :
F1A05

Tot Ion: 43 Resp: 3741
Ion Ratio Lower Upper
43 100
58 34.1 0.0 60.8

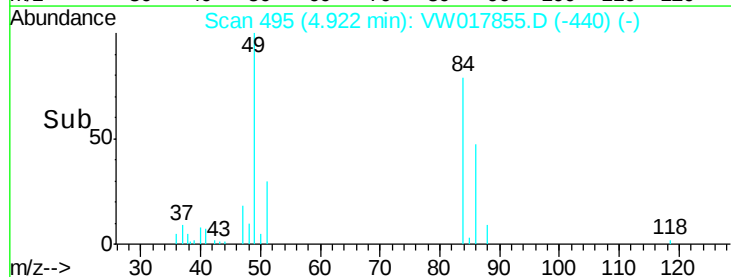
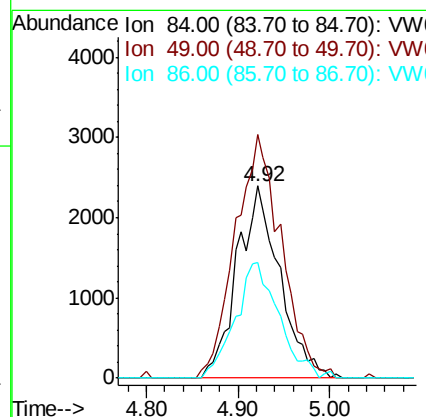
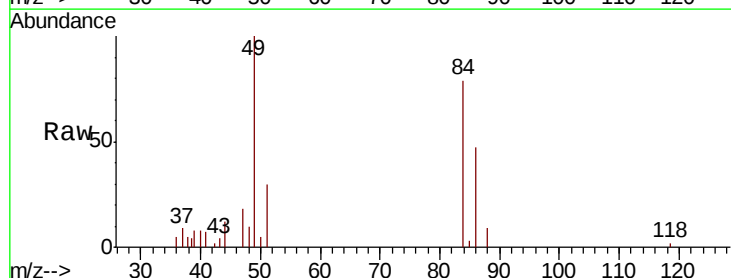
Manual Integrations
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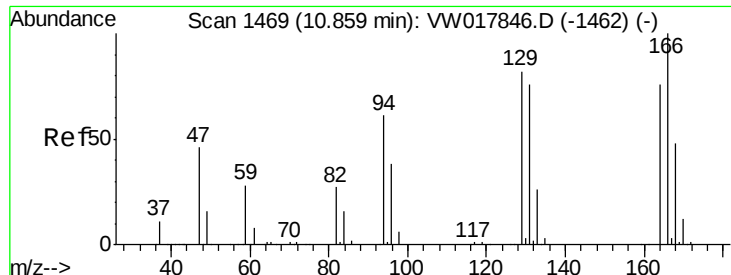
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#16
Methylene chloride
Concen: 1.693 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017855.D
Acq: 13 Jan 2021 18:16

Tgt Ion: 84 Resp: 7733
Ion Ratio Lower Upper
84 100
49 126.8 90.5 168.1
86 60.0 44.8 83.2





#47

Tetrachloroethene

Concen: 38.276 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW017855.D

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F1A05

Tot Ion:164 Resp: 128956

Ion Ratio Lower Upper

164 100

129 97.7 62.9 116.9

131 99.2 63.8 118.6

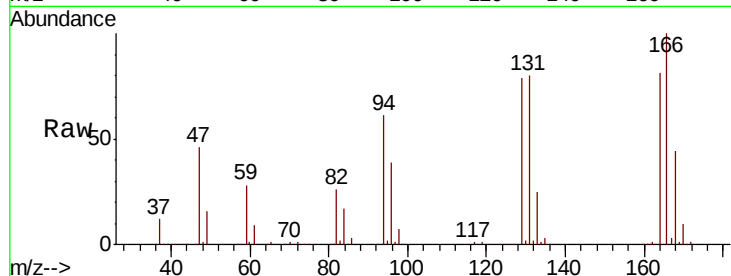
166 123.7 87.4 162.2

Manual Integrations

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Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

