

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017531.D
 Acq On : 03 Dec 2020 12:05
 Operator : SY/VA
 Sample : L4920-05
 Misc : 4.27G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4F5

Manual Integrations
 APPROVED

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 12/21/2020 1:35:20 PM

Quant Time: Dec 20 01:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	491533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	445494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	214271	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	115142	17.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.90	69	102830	18.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.40%
10) 1,1-Dichloroethene-d2	4.03	63	205183	14.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.00%
20) 2-Butanone-d5	7.08	46	59678	43.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.54%
24) Chloroform-d	7.65	84	298118	21.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	8.31	65	150865m	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.08%
29) Benzene-d6	8.28	84	573326	20.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.72%
33) 1,2-Dichloropropane-d6	9.28	67	166425	21.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.80%
37) Toluene-d8	10.33	98	526412	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.40%
38) trans-1,3-Dichloropropene-	10.58	79	68103	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.44%
39) 2-Hexanone-d5	10.93	63	38690	41.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118085	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	184243	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds					Ovalue
13) Acetone	4.13	43	3878m	2.956	ug/L
16) Methylene chloride	4.92	84	21134	2.864	ug/L
47) Tetrachloroethene	10.86	164	4222	0.668	ug/L

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

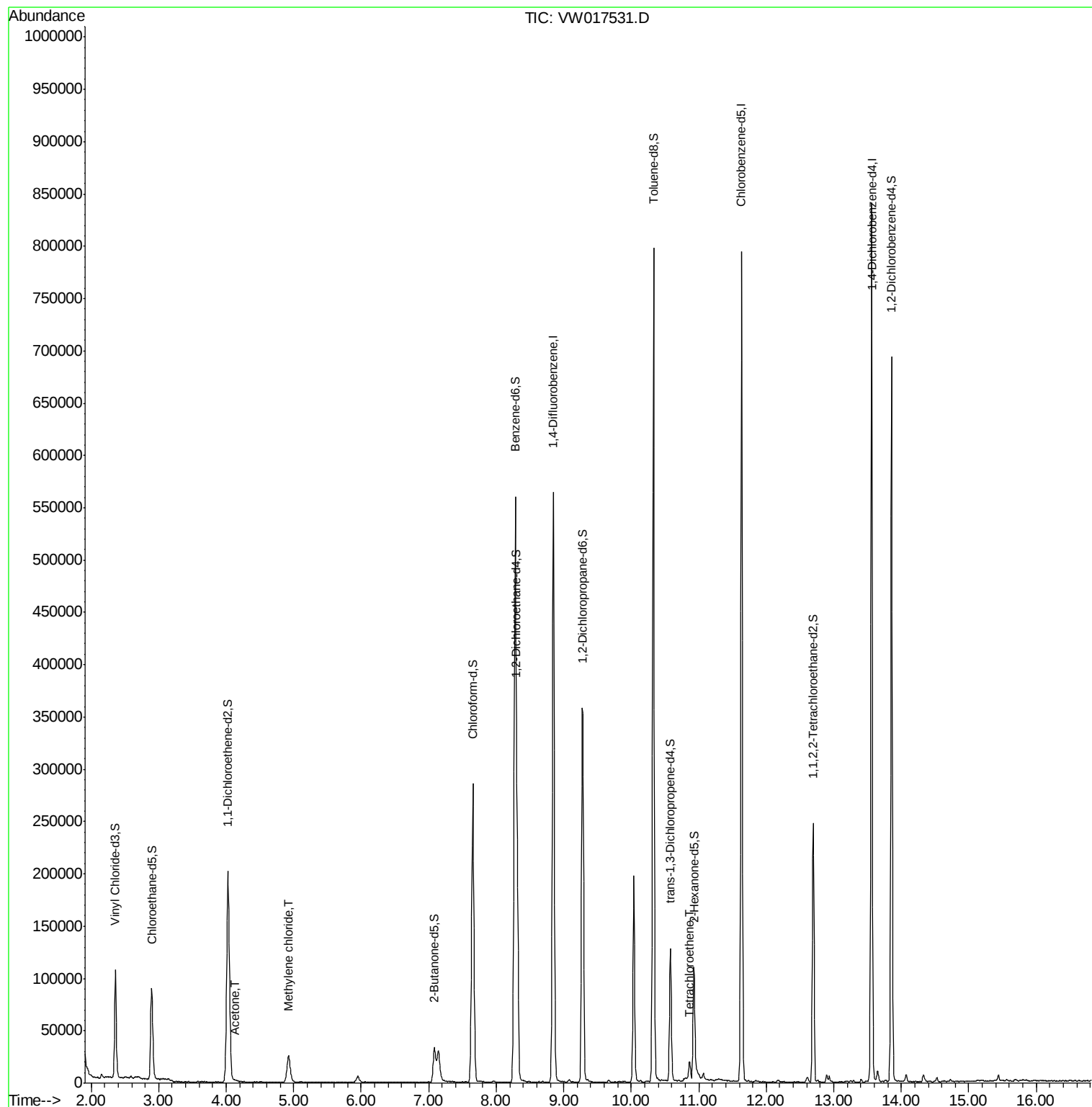
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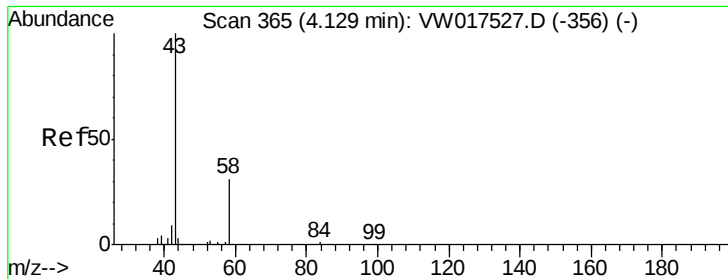
Instrument :
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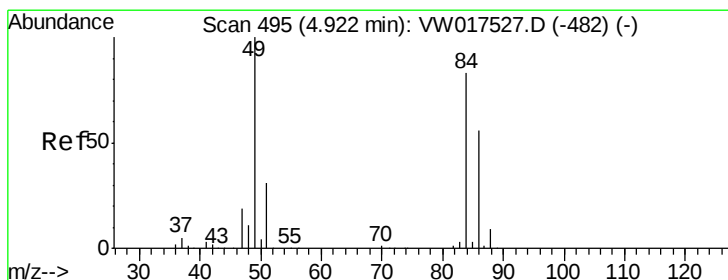
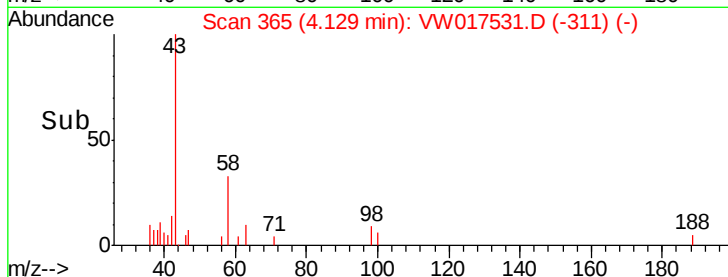
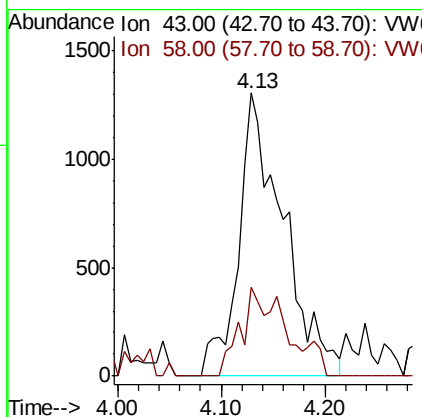
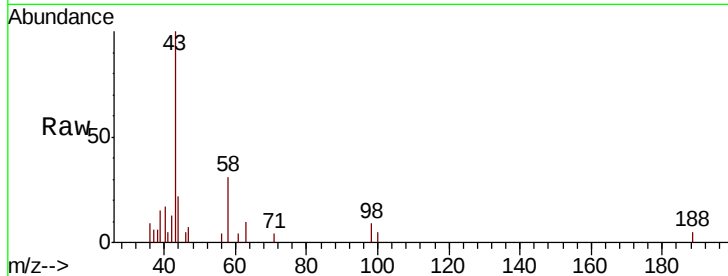
#13
Acetone
Concen: 2.956 ug/L m
RT: 4.13 min Scan# 365
Delta R.T. -0.00 min
Lab File: VW017531.D
Acq: 03 Dec 2020 12:05

Instrument :
MSVOA_W
ClientSampled :
BG4F5

Tot Ion	43	Resp	3878
Ion Ratio	100	Lower	Upper
58	9.7	0.0	68.4

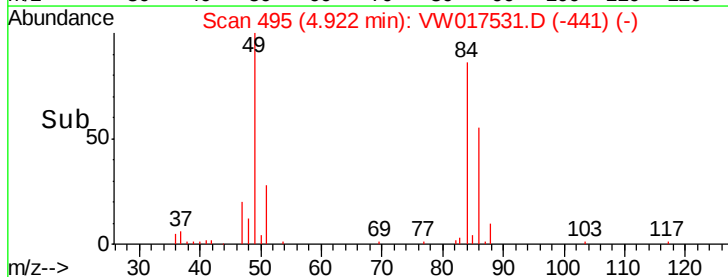
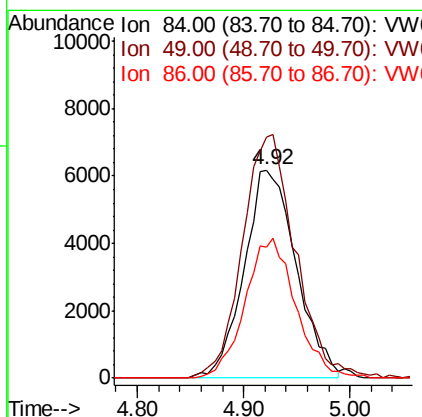
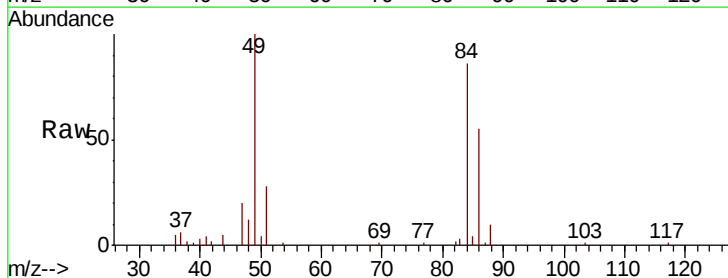
Manual Integrations
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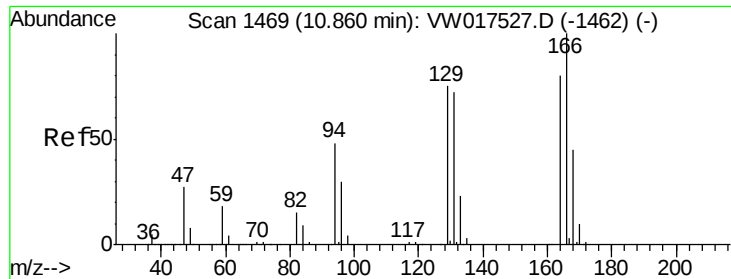
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#16
Methylene chloride
Concen: 2.864 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017531.D
Acq: 03 Dec 2020 12:05

Tgt Ion	84	Resp	21134
Ion Ratio	100	Lower	Upper
49	115.7	81.2	150.8
86	63.2	44.5	82.7





#47
 Tetrachloroethene
 Concen: 0.668 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VW017531.D
 Acq: 03 Dec 2020 12:05

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Tot Ion:	164	Resp:	4222
Ion	Ratio	Lower	Upper
164	100		
129	73.9	67.6	125.6
131	77.3	65.2	121.2
166	93.6	93.2	173.2

Manual Integrations
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