

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017147.D
 Acq On : 10 Nov 2020 17:58
 Operator : SY/VA
 Sample : L4659-20
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4C0

Manual Integrations
 APPROVED

MMDadoda
 11/12/2020 1:43:03 PM

Quant Time: Nov 11 06:43:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	446160	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391930	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128695	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.89	69	105685	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.60%
10) 1,1-Dichloroethene-d2	4.02	63	170483	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.84%
20) 2-Butanone-d5	7.09	46	46500	37.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.00%
24) Chloroform-d	7.65	84	247000	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	122968	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.28	84	497546	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	9.28	67	138248	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.32	98	466176	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	50633	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	37104	38.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101110	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	143734	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

					Ovalue
13) Acetone	4.14	43	7680	9.127 ug/L	89
14) Carbon disulfide	4.40	76	5447	0.361 ug/L	95
16) Methylene chloride	4.92	84	6787m	1.128 ug/L	
43) 4-Methyl-2-pentanone	10.21	43	5193	1.750 ug/L	98

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

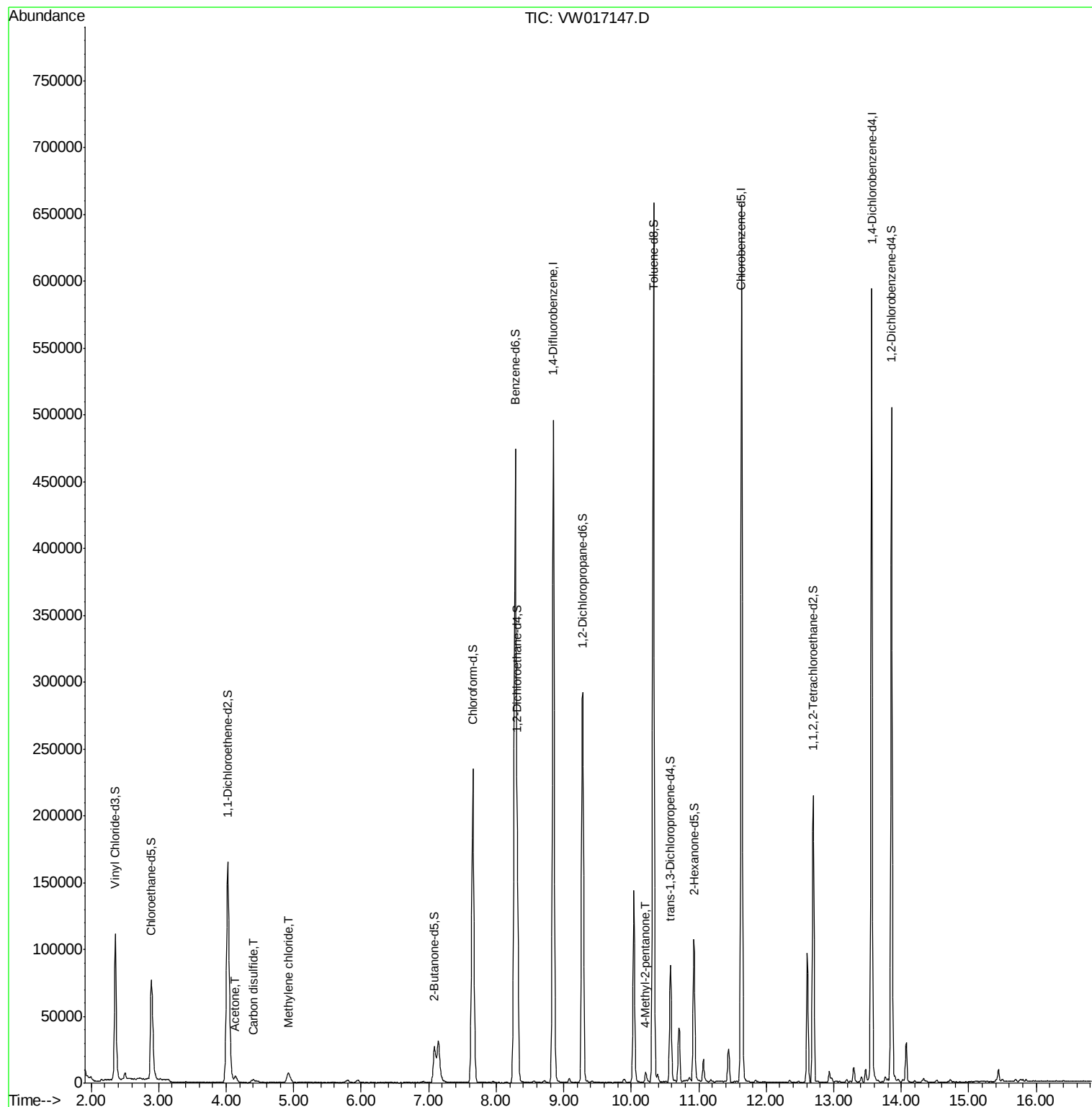
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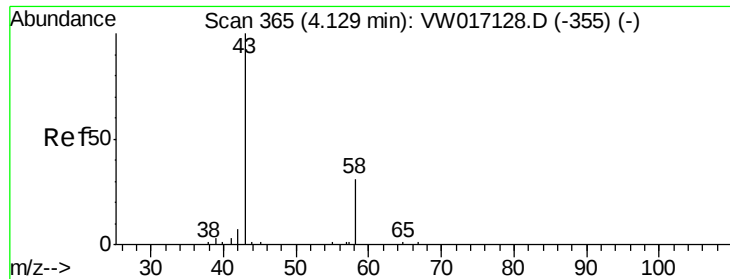
Instrument :
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ClientSampleId :
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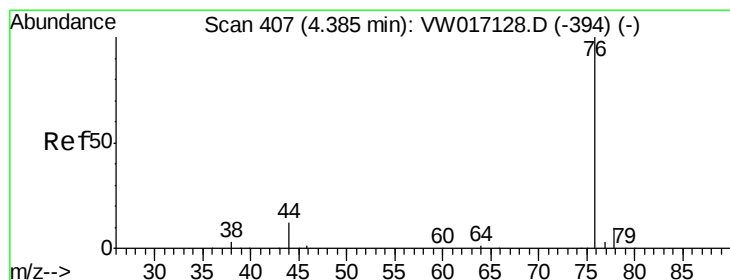
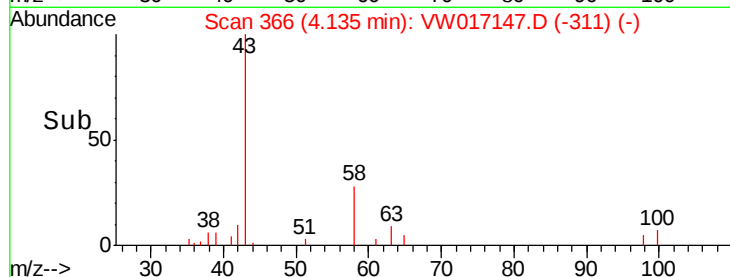
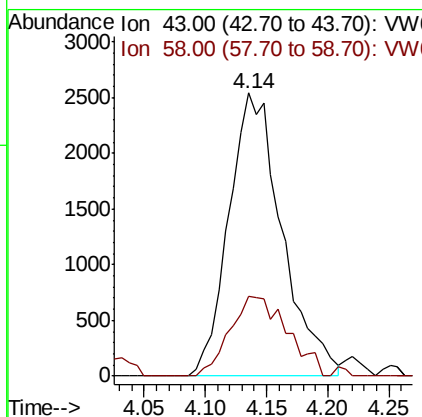
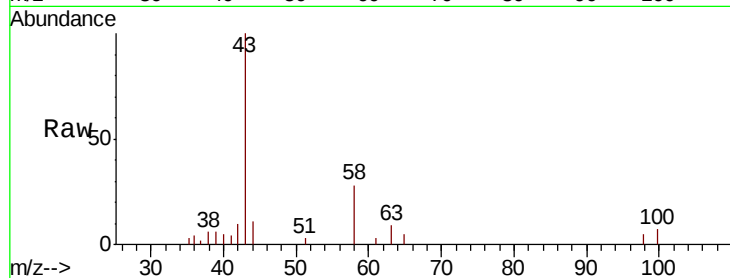
#13
Acetone
Concen: 9.127 ug/L
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

Instrument :
MSVOA_W
ClientSampled :
BG4C0

Tot Ion: 43 Resp: 7680
Ion Ratio Lower Upper
43 100
58 28.4 0.0 69.2

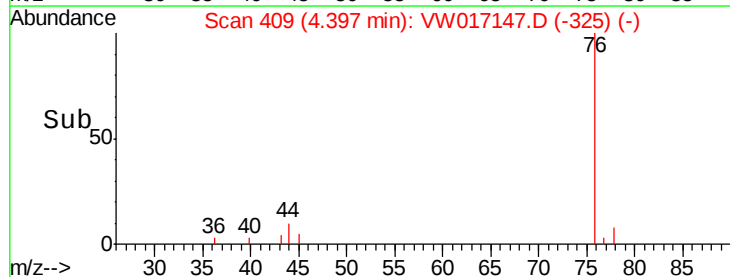
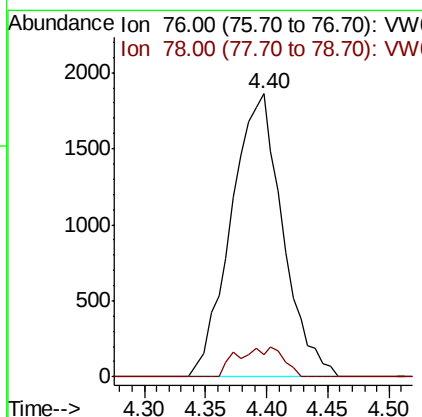
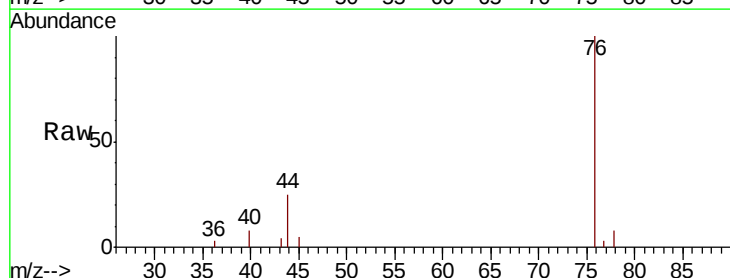
Manual Integrations
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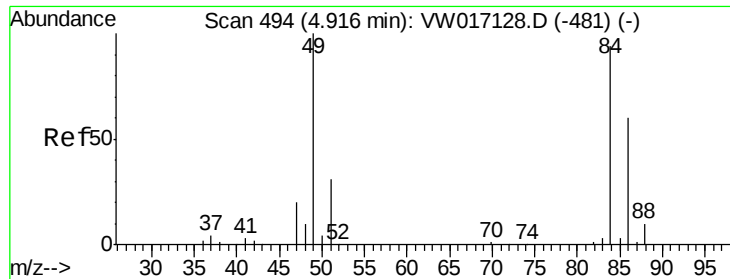
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#14
Carbon disulfide
Concen: 0.361 ug/L
RT: 4.40 min Scan# 409
Delta R.T. 0.01 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

Tgt Ion: 76 Resp: 5447
Ion Ratio Lower Upper
76 100
78 7.7 7.6 11.4





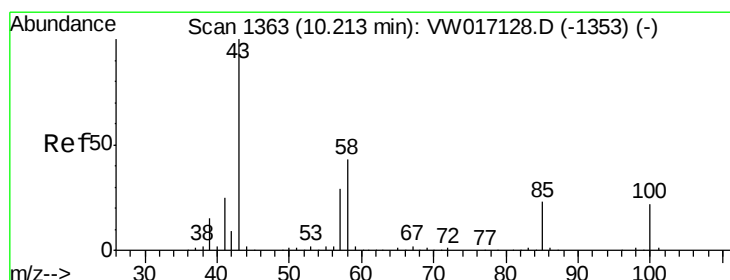
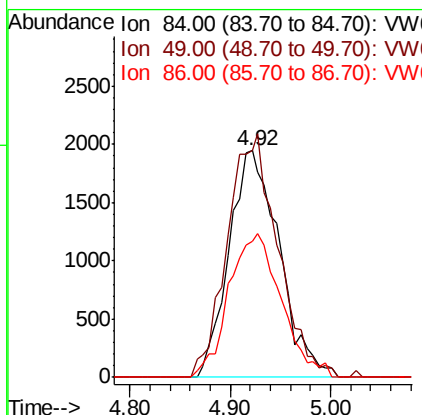
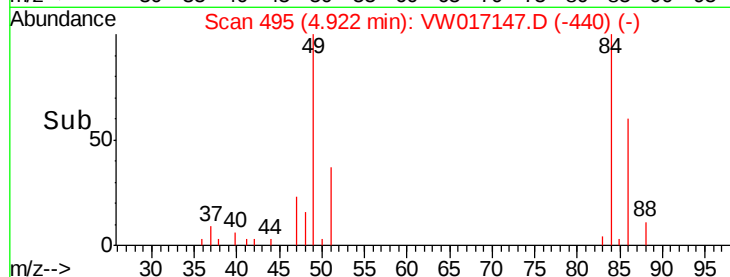
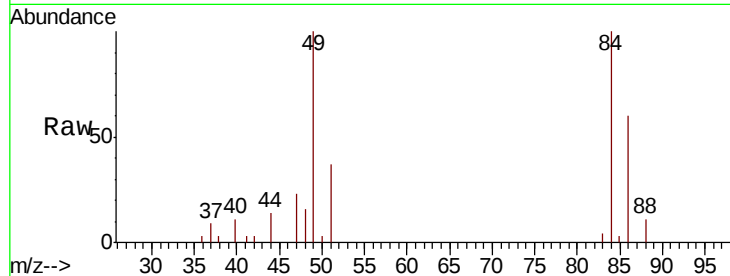
#16
Methylene chloride
Concen: 1.128 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

Instrument :
MSVOA_W
ClientSampled :
BG4C0

Tot Ion	Ratio	Lower	Upper
84	100		
49	100.0	72.3	134.3
86	60.0	45.1	83.7

Manual Integrations
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#43
4-Methyl-2-pentanone
Concen: 1.750 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	42.1	35.0	52.6
100	20.7	16.6	24.8

