

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011264.D
 Acq On : 15 Jul 2019 16:36
 Operator : SY/VA
 Sample : K3798-11
 Misc : 6.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H8

Manual Integrations
 APPROVED

MMDadoda
 7/18/2019 7:53:37 AM

Quant Time: Jul 16 06:41:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:02:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271483	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	228740	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	85893	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	65983	15.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.68%
7) Chloroethane-d5	2.88	69	52329	17.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.96%
10) 1,1-Dichloroethene-d2	4.01	63	124092	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.07	46	105790	64.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.56%
24) Chloroform-d	7.65	84	167795m	22.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	8.30	65	114947	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.27	84	331654	23.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.12%
33) 1,2-Dichloropropane-d6	9.27	67	117368	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.32	98	279251	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.96%
38) trans-1,3-Dichloropropene-	10.58	79	44739	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.72%
39) 2-Hexanone-d5	10.93	63	70179	66.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110734	29.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	75397	22.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.48%

Target Compounds					Ovalue
13) Acetone	4.12	43	41348	25.924 ug/L	97
14) Carbon disulfide	4.38	76	15428	1.512 ug/L	97
16) Methylene chloride	4.92	84	8900m	2.231 ug/L	
21) 2-Butanone	7.17	43	5172	2.512 ug/L	79

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

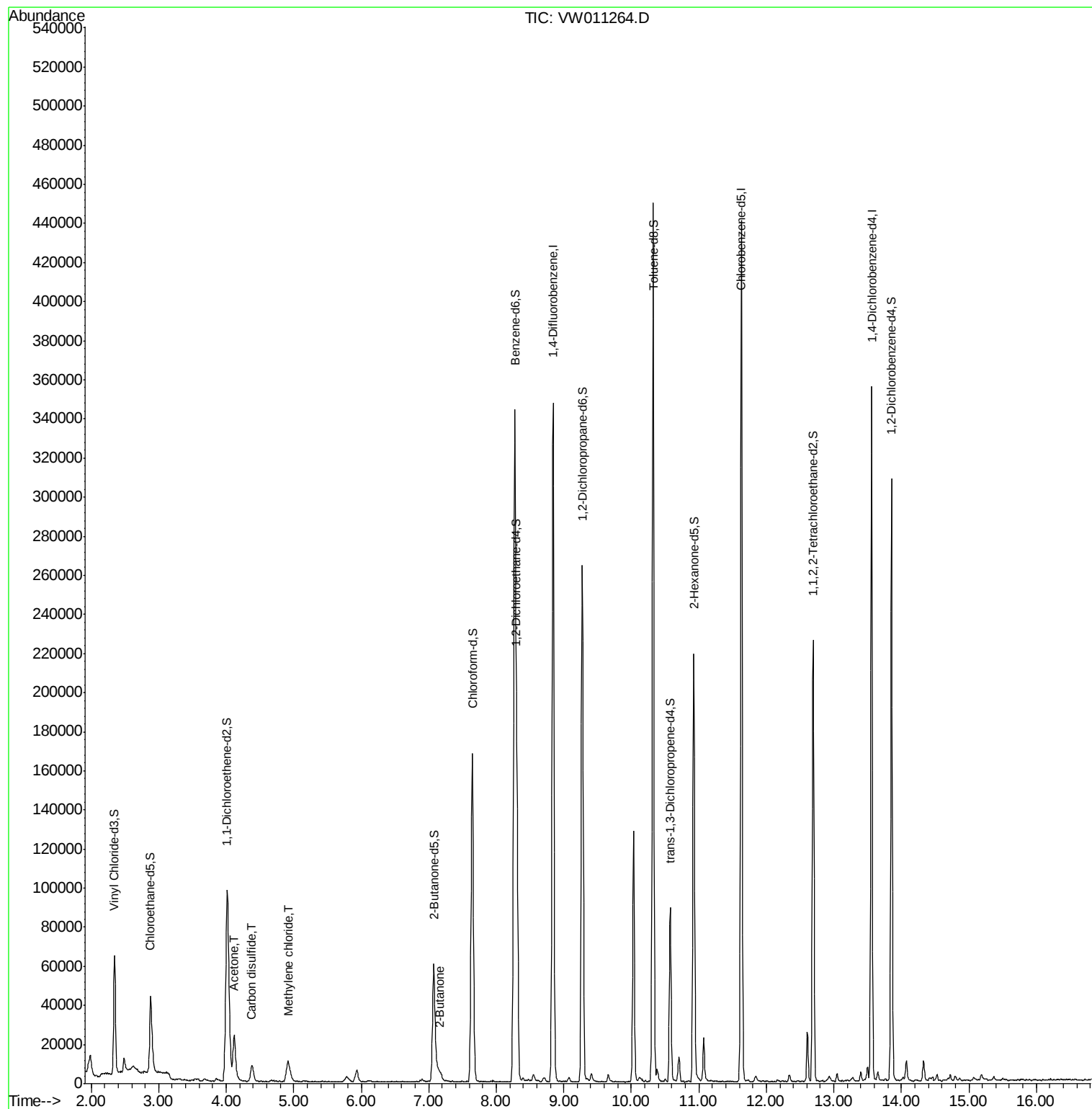
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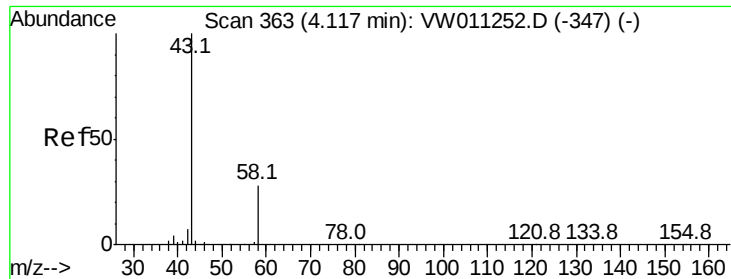
Instrument :
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ClientSampleId :
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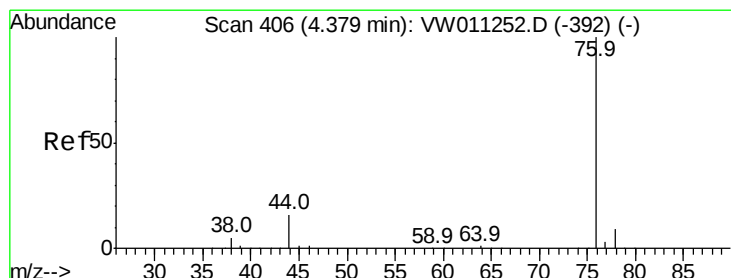
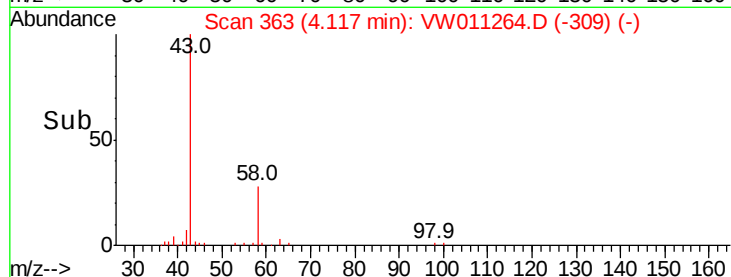
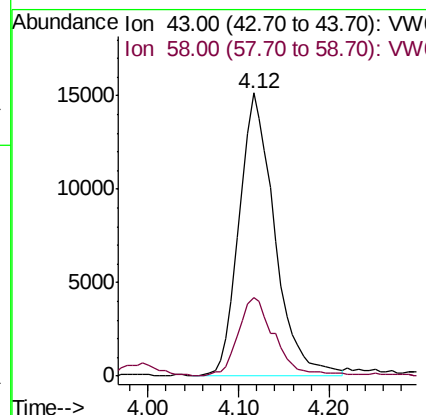
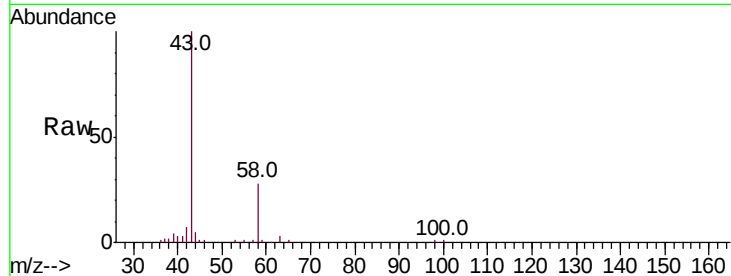
#13
Acetone
Concen: 25.924 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW011264.D
Acq: 15 Jul 2019 16:36

Instrument :
MSVOA_W
ClientSampleId :
A52H8

Tot Ion	43	58	Ratio	100	28.9	Resp	41348	Lower	0.0	Upper	55.0
Ion	43	58	Ratio	100	28.9	Resp	41348	Lower	0.0	Upper	55.0

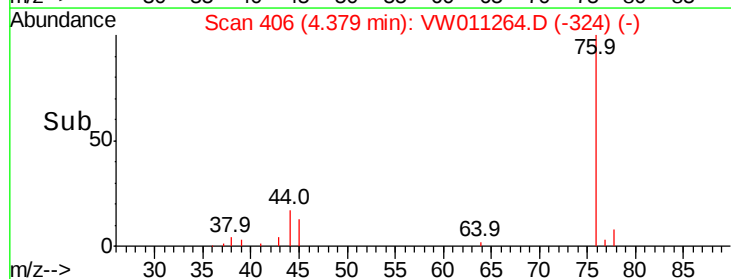
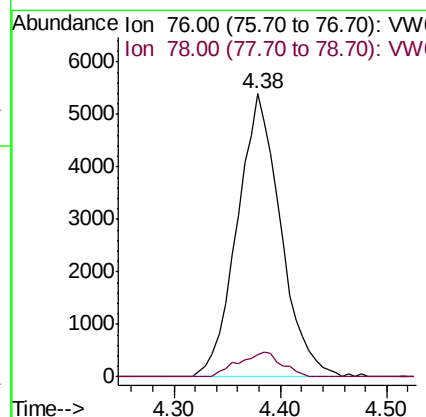
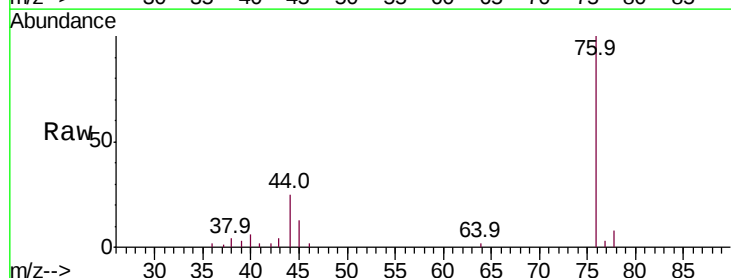
Manual Integrations
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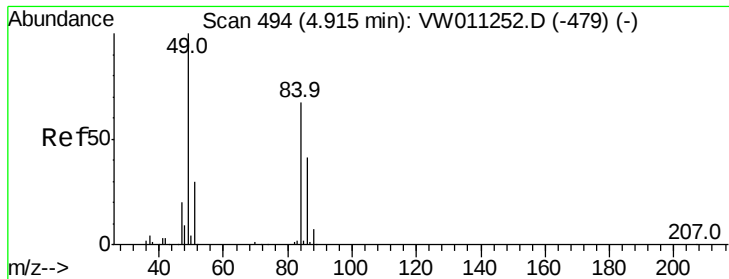
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#14
Carbon disulfide
Concen: 1.512 ug/L
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW011264.D
Acq: 15 Jul 2019 16:36

Tgt Ion	76	78	Ratio	100	7.9	Resp	15428	Lower	7.3	Upper	10.9
Ion	76	78	Ratio	100	7.9	Resp	15428	Lower	7.3	Upper	10.9





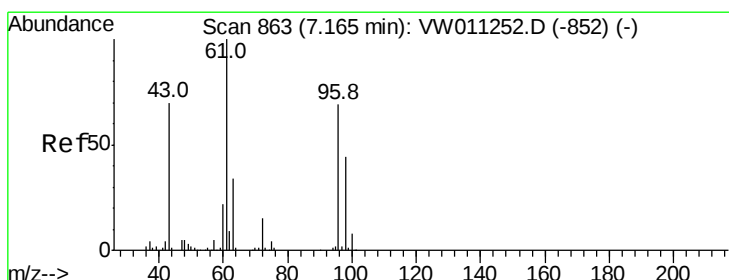
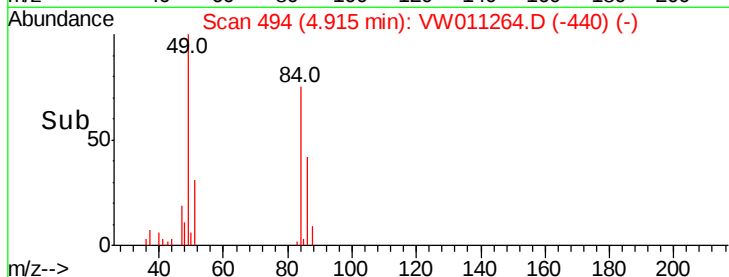
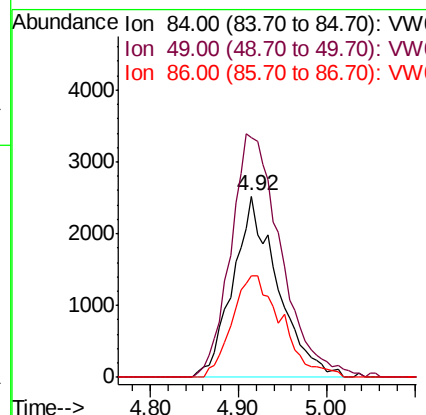
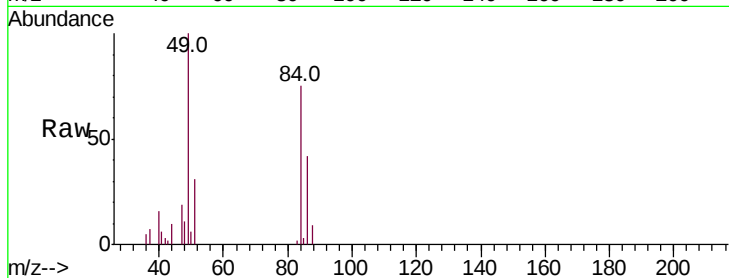
#16
Methvlene chloride
Concen: 2.231 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW011264.D
Acq: 15 Jul 2019 16:36

Instrument :
MSVOA_W
ClientSampled :
A52H8

Tot Ion	84	Resp	8900
Ion Ratio	100	Lower	Upper
84	100		
49	132.8	102.5	190.3
86	55.8	46.4	86.2

Manual Integrations
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#21
2-Butanone
Concen: 2.512 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW011264.D
Acq: 15 Jul 2019 16:36

Tgt Ion	43	Resp	5172
Ion Ratio	100	Lower	Upper
43	100		
72	12.4	11.2	33.6

