

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009374.D
 Acq On : 23 Mar 2019 05:17
 Operator : SY/VA
 Sample : K2031-18
 Misc : 3.92G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S8

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:48 AM

Quant Time: Mar 23 07:04:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	244148	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	189265	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	48851	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	64150	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.96%
7) Chloroethane-d5	2.89	69	69098	20.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.96%
10) 1,1-Dichloroethene-d2	4.01	63	98711	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.07	46	70819	58.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.38%
24) Chloroform-d	7.64	84	162033	24.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	8.30	65	104133	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.27	84	275329	26.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.52%
33) 1,2-Dichloropropane-d6	9.27	67	90959	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.04%
37) Toluene-d8	10.32	98	201568	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.56%
38) trans-1,3-Dichloropropene-	10.58	79	18418	11.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	46.80%
39) 2-Hexanone-d5	10.93	63	41365	54.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71127	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	41253	22.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.08%

Target Compounds

					Ovalue
13) Acetone	4.12	43	30813	31.141 ug/L	98
14) Carbon disulfide	4.37	76	12927	1.598 ug/L	98
16) Methylene chloride	4.91	84	22892m	6.430 ug/L	
21) 2-Butanone	7.18	43	9796	7.170 ug/L	80

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

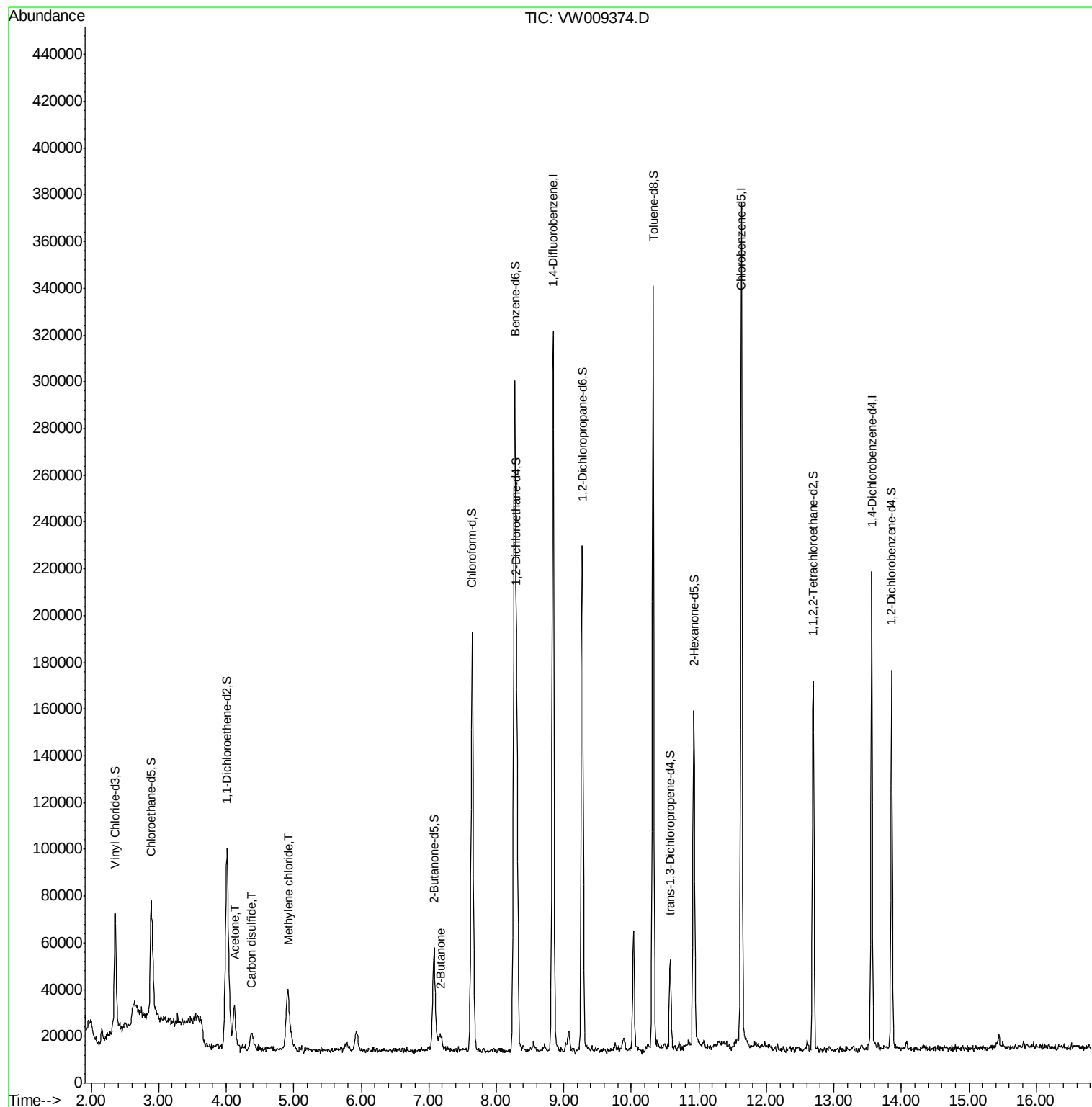
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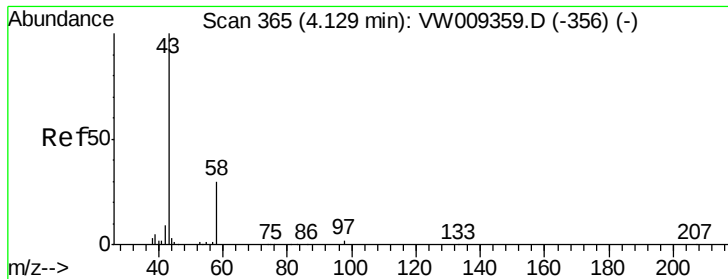
Instrument :
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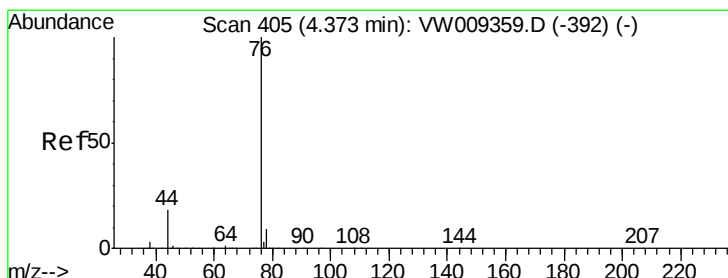
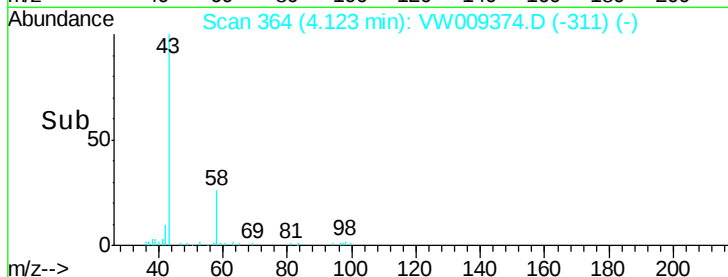
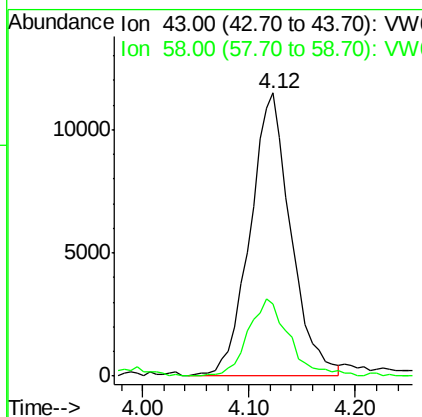
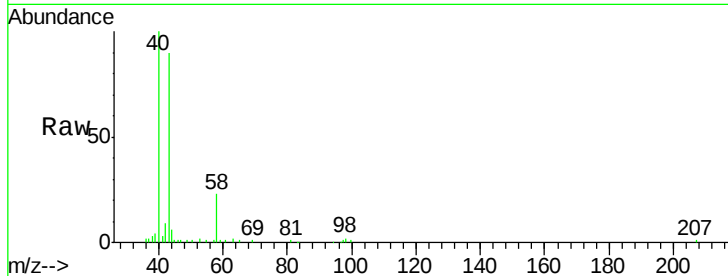
#13
Acetone
Concen: 31.141 ug/L
RT: 4.12 min Scan# 364
Delta R.T. -0.01 min
Lab File: VW009374.D
Acq: 23 Mar 2019 05:17

Instrument :
MSVOA_W
ClientSampled :
BF5S8

Tot Ion: 43 Resp: 30813
Ion Ratio Lower Upper
43 100
58 27.2 0.0 56.2

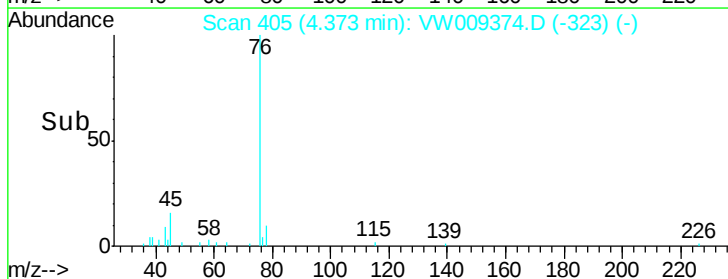
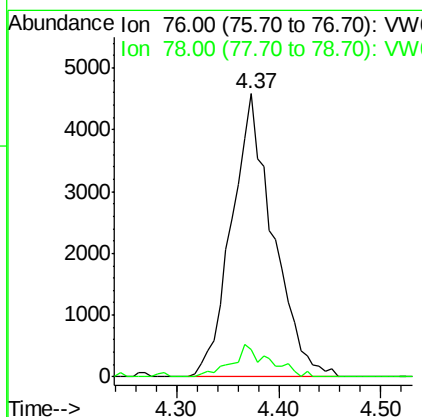
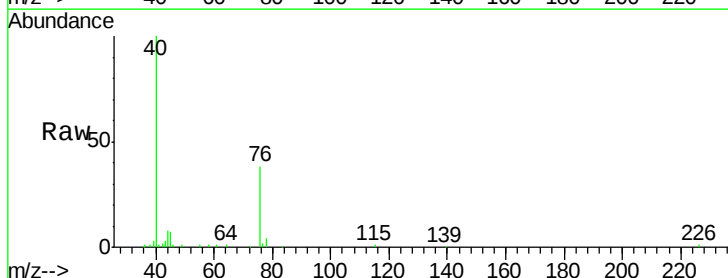
Manual Integrations
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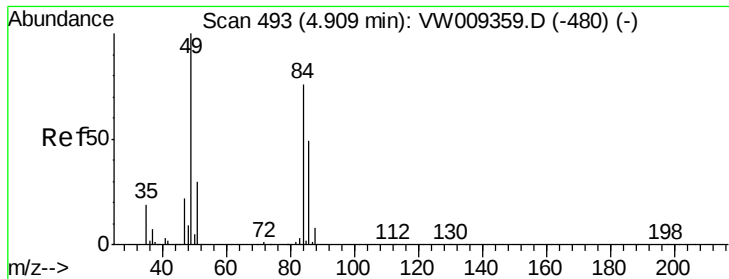
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#14
Carbon disulfide
Concen: 1.598 ug/L
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW009374.D
Acq: 23 Mar 2019 05:17

Tgt Ion: 76 Resp: 12927
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9





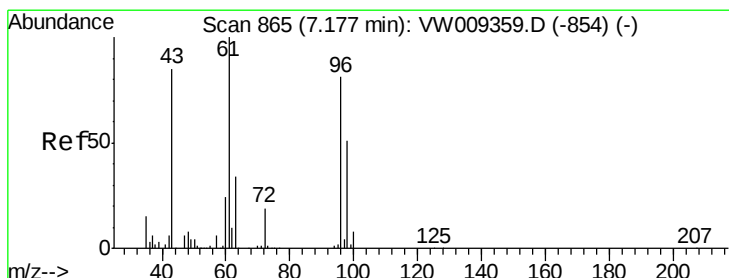
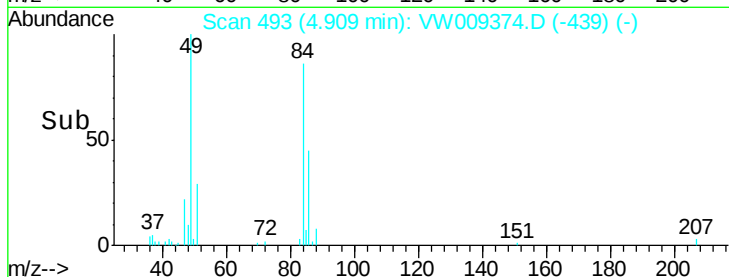
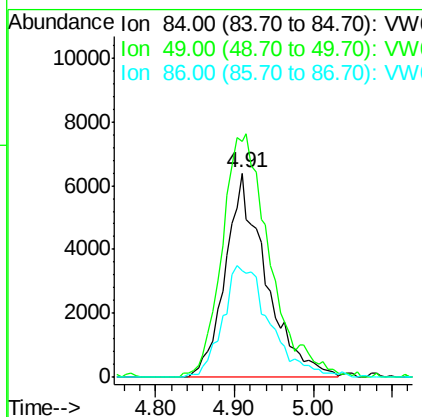
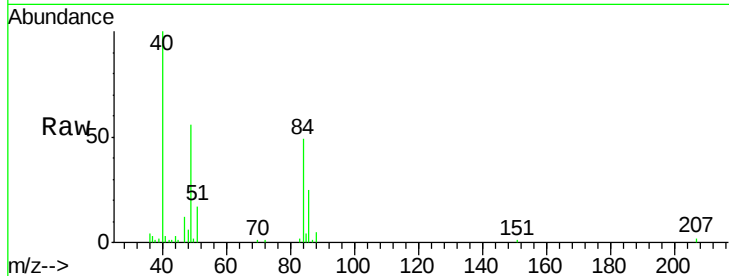
#16
Methylene chloride
Concen: 6.430 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009374.D
Acq: 23 Mar 2019 05:17

Instrument :
MSVOA_W
ClientSampled :
BF5S8

Tot Ion	84	Resp	22892
Ion Ratio	Lower	Upper	
84	100		
49	115.7	96.0	178.2
86	52.2	44.4	82.5

Manual Integrations
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#21
2-Butanone
Concen: 7.170 ug/L
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW009374.D
Acq: 23 Mar 2019 05:17

Tgt Ion	43	Resp	9796
Ion Ratio	Lower	Upper	
43	100		
72	15.7	13.1	39.1

