

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009479.D
 Acq On : 26 Mar 2019 22:43
 Operator : SY/VA
 Sample : K2065-13
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5L6

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 9:56:58 AM

Quant Time: Mar 27 08:45:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 08:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	307362	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	261027	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80305	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	73576	20.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.12%
7) Chloroethane-d5	2.89	69	84644	19.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.80%
10) 1,1-Dichloroethene-d2	4.01	63	119151	15.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.04%
20) 2-Butanone-d5	7.08	46	74815	49.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.50%
24) Chloroform-d	7.65	84	202304	24.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.48%
26) 1,2-Dichloroethane-d4	8.30	65	123952	24.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.12%
29) Benzene-d6	8.27	84	339984	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.27	67	115098	26.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.48%
37) Toluene-d8	10.32	98	269031	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.84%
38) trans-1,3-Dichloropropene-	10.58	79	40526	18.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.64%
39) 2-Hexanone-d5	10.93	63	46981	44.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	106313	24.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	72961	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

					Ovalue
13) Acetone	4.12	43	84040	67.466 ug/L	99
14) Carbon disulfide	4.38	76	9822	0.964 ug/L #	94
16) Methylene chloride	4.91	84	15523m	3.463 ug/L	
21) 2-Butanone	7.17	43	24029	13.971 ug/L	78

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

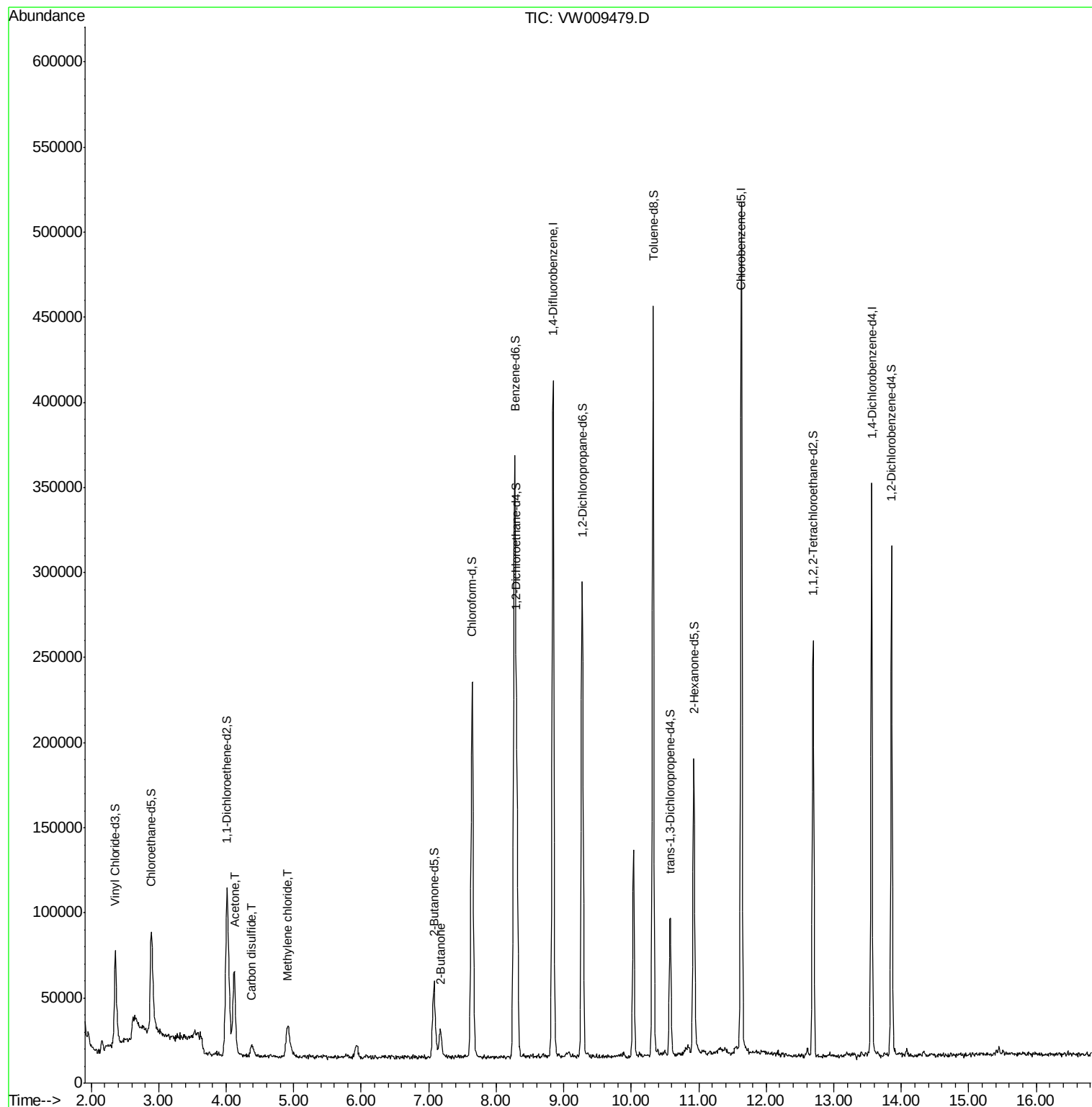
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

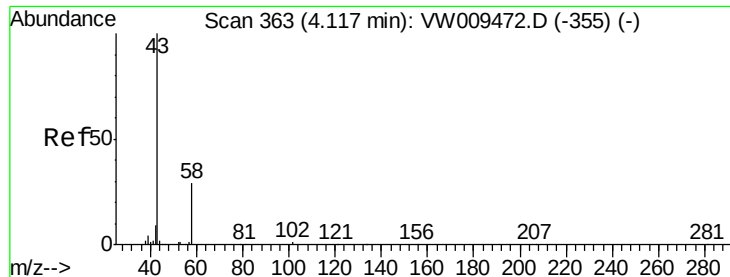
Instrument :
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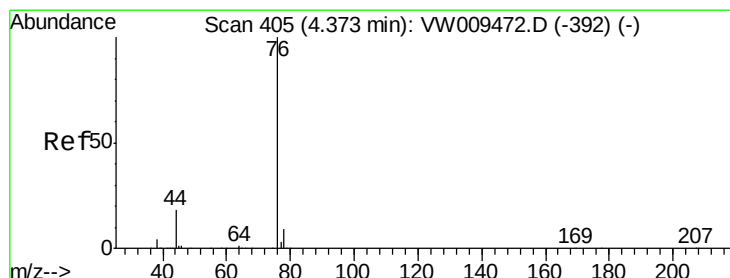
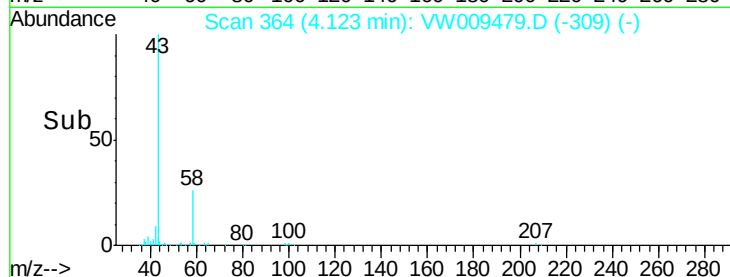
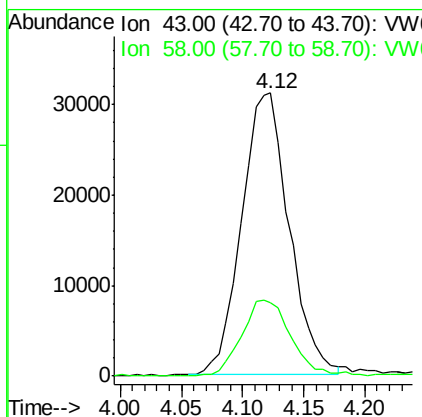
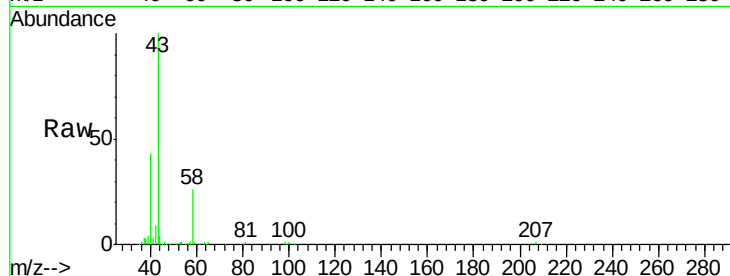
#13
Acetone
Concen: 67.466 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

Instrument :
MSVOA_W
ClientSampleId :
BF5L6

Tot Ion: 43 Resp: 84040
Ion Ratio Lower Upper
43 100
58 27.7 0.0 56.2

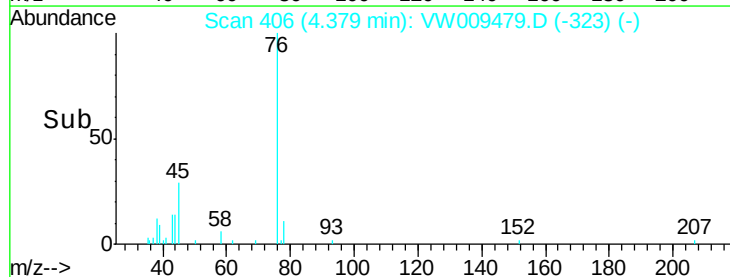
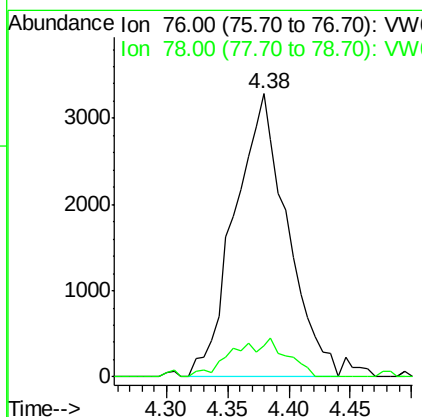
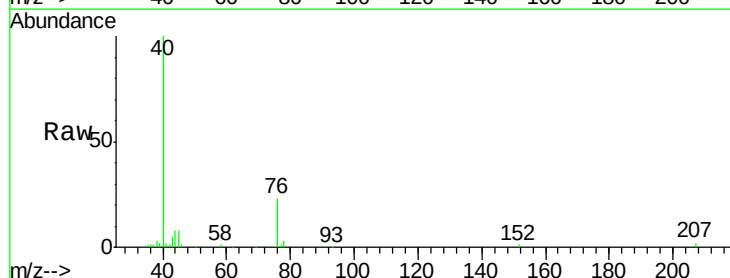
Manual Integrations
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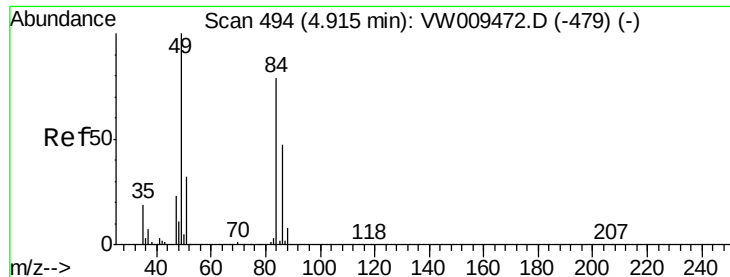
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#14
Carbon disulfide
Concen: 0.964 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

Tgt Ion: 76 Resp: 9822
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#





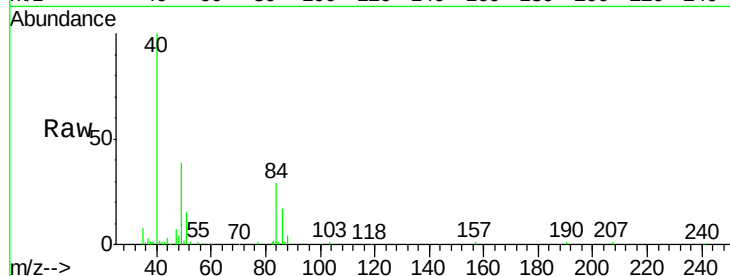
#16
Methylene chloride
Concen: 3.463 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

Instrument :
MSVOA_W
ClientSampleId :
BF5L6

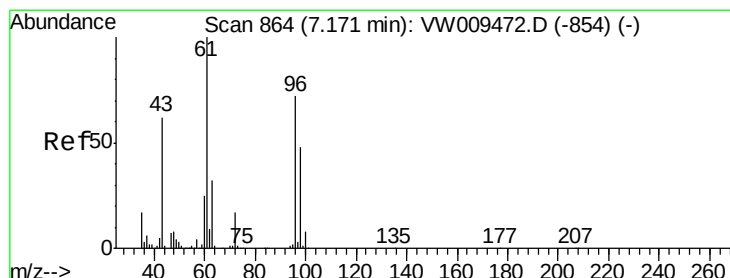
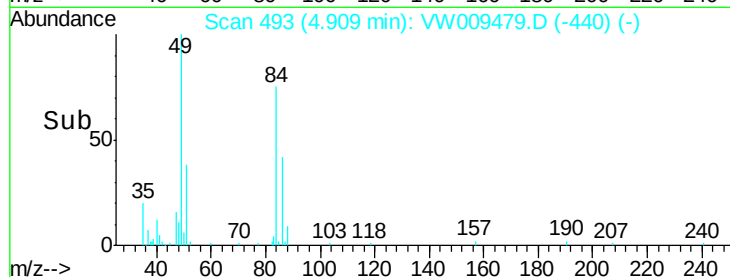
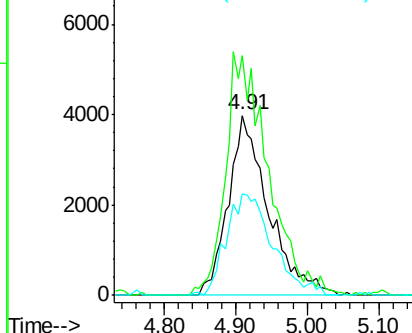
Tot Ion	Ratio	Lower	Upper
84	100		
49	133.2	96.0	178.2
86	56.6	44.4	82.5

Manual Integrations
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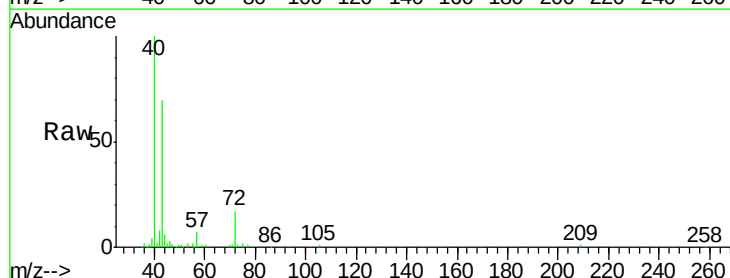


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW



#21
2-Butanone
Concen: 13.971 ug/L
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW009479.D
Acq: 26 Mar 2019 22:43

Tgt Ion	Ratio	Lower	Upper
43	100		
72	15.0	13.1	39.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

