

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009362.D
 Acq On : 22 Mar 2019 23:49
 Operator : SY/VA
 Sample : K2031-02
 Misc : 5.63G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S2

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:41 AM

Quant Time: Mar 23 02:01:58 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	405908	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369912	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	152338	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	107364	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
7) Chloroethane-d5	2.89	69	109724	19.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.32%
10) 1,1-Dichloroethene-d2	4.01	63	165723m	15.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.24%
20) 2-Butanone-d5	7.07	46	84537	42.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.28%
24) Chloroform-d	7.64	84	257330	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	153433	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.96%
29) Benzene-d6	8.27	84	464726	22.78	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.12%
33) 1,2-Dichloropropane-d6	9.27	67	150690	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	10.32	98	403732	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.60%
38) trans-1,3-Dichloropropene-	10.58	79	59612	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.48%
39) 2-Hexanone-d5	10.93	63	60933	41.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129802	21.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	136397	23.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.40%

Target Compounds					Ovalue
13) Acetone	4.12	43	36575	22.233 ug/L	100
14) Carbon disulfide	4.37	76	16297	1.211 ug/L #	94
16) Methylene chloride	4.91	84	18789m	3.174 ug/L	
21) 2-Butanone	7.17	43	11143	4.906 ug/L	81

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

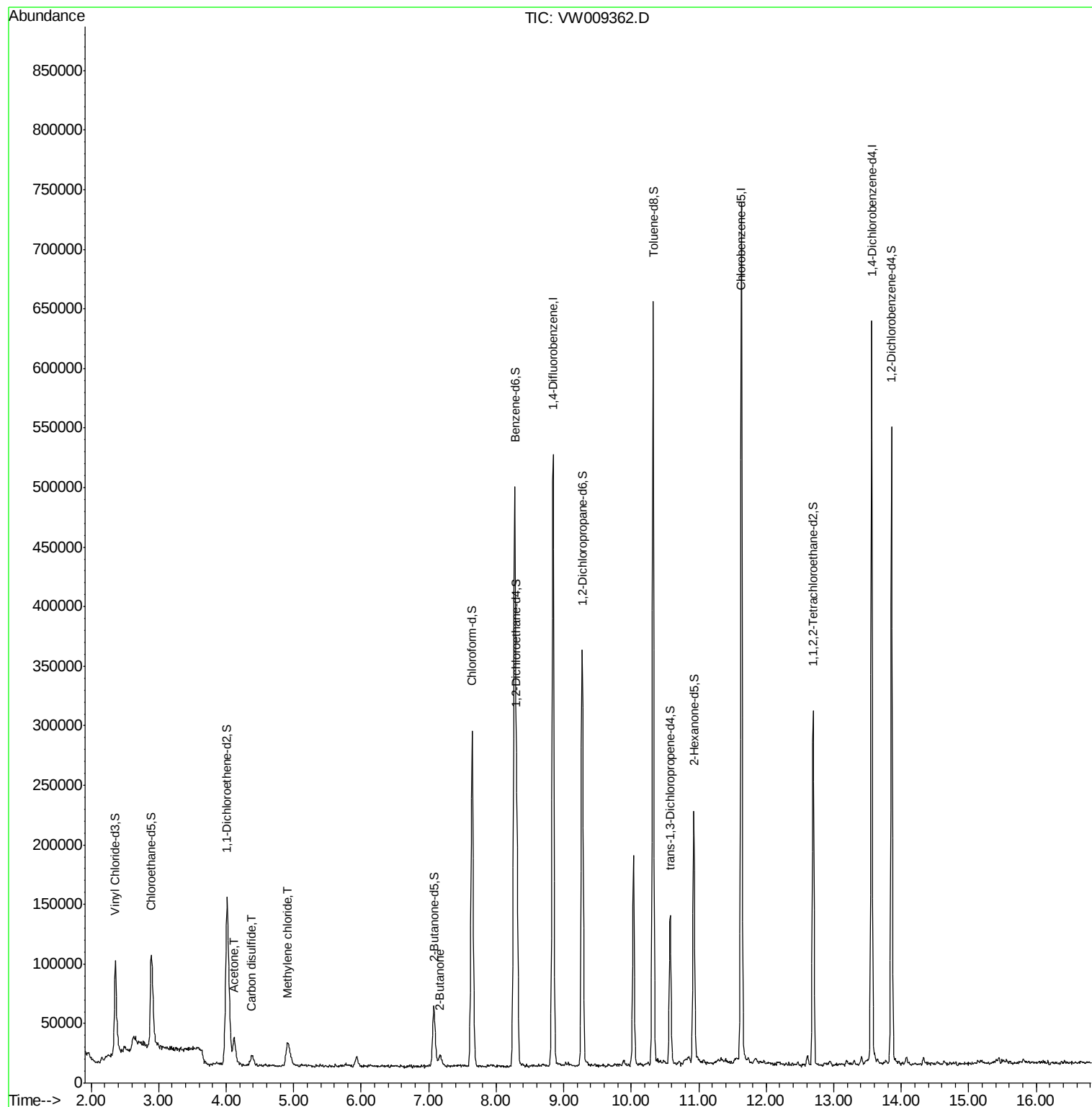
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
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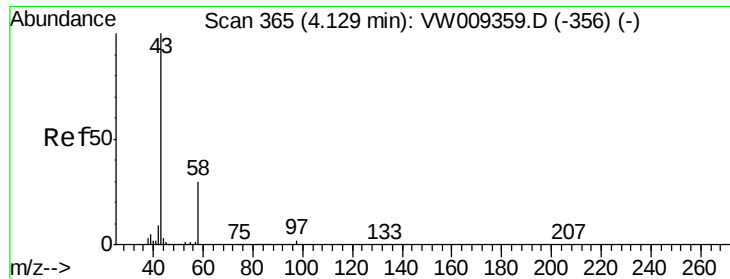
Instrument :
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Quant Time: Mar 23 02:01:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 22.233 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009362.D

Acq: 22 Mar 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

BF5S2

Tot Ion: 43 Resp: 36575

Ion Ratio Lower Upper

43 100

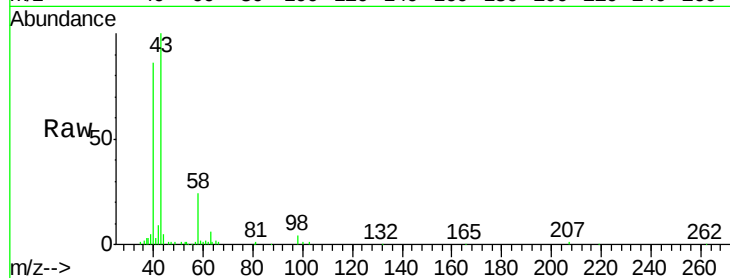
58 28.0 0.0 56.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

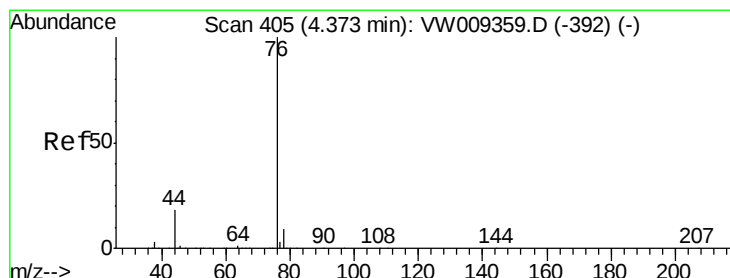
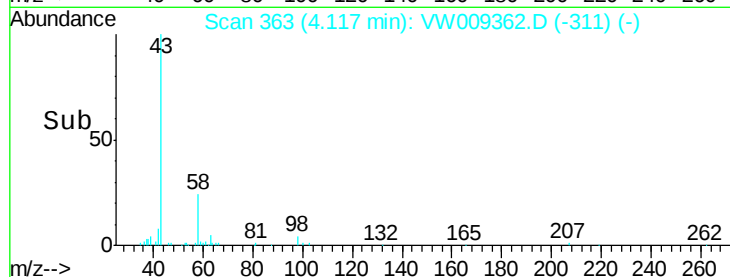
10000

5000

0

Time-->

4.00 4.05 4.10 4.15 4.20



#14

Carbon disulfide

Concen: 1.211 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW009362.D

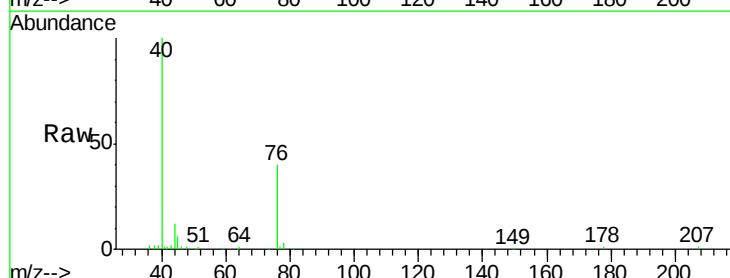
Acq: 22 Mar 2019 23:49

Tgt Ion: 76 Resp: 16297

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

6000

5000

4000

3000

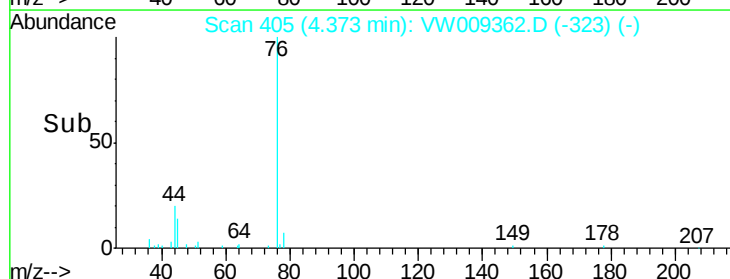
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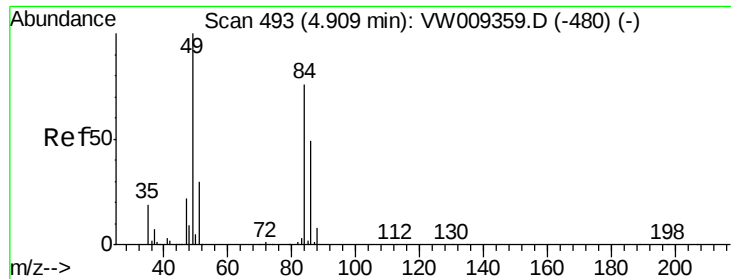
1000

0

Time-->

4.30 4.35 4.40 4.45





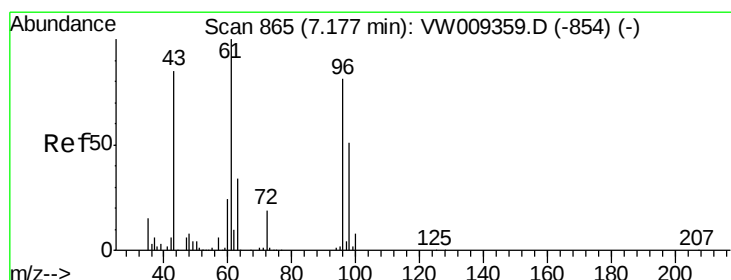
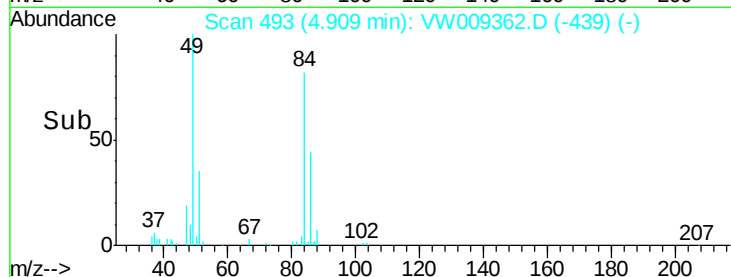
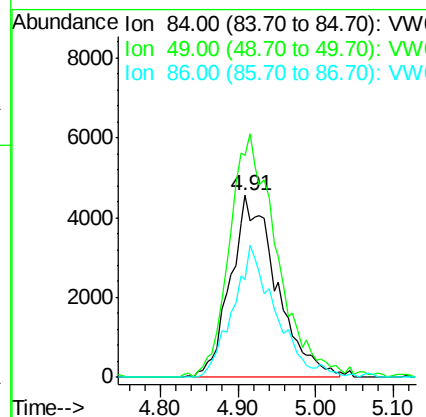
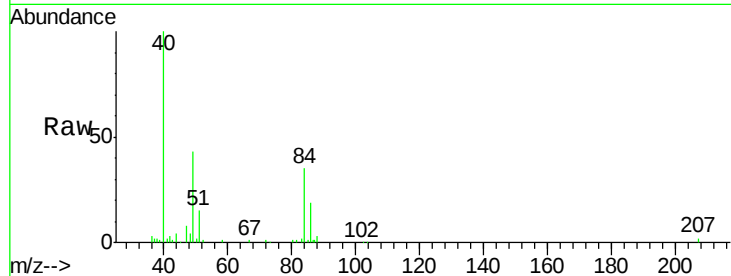
#16
Methvlene chloride
Concen: 3.174 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
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Tot Ion	84	Resp	18789
Ion	Ratio	Lower	Upper
84	100		
49	122.4	96.0	178.2
86	53.9	44.4	82.5

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#21
2-Butanone
Concen: 4.906 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009362.D
Acq: 22 Mar 2019 23:49

Tgt Ion	43	Resp	11143
Ion	Ratio	Lower	Upper
43	100		
72	16.5	13.1	39.1

