

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009375.D
 Acq On : 23 Mar 2019 05:44
 Operator : SY/VA
 Sample : K2031-19
 Misc : 3.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S9

Manual Integrations
 APPROVED

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 3/25/2019 8:29:48 AM

Quant Time: Mar 23 07:05:10 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	256911	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	204885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	61919	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	85361	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.20%
7) Chloroethane-d5	2.90	69	84729	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.01	63	122402	18.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.80%
20) 2-Butanone-d5	7.08	46	73507	57.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.80%
24) Chloroform-d	7.65	84	187988	26.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.24%
26) 1,2-Dichloroethane-d4	8.31	65	115827	27.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.68%
29) Benzene-d6	8.27	84	324798	28.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.00%
33) 1,2-Dichloropropane-d6	9.27	67	101656	29.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.80%
37) Toluene-d8	10.32	98	243740	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.32%
38) trans-1,3-Dichloropropene-	10.58	79	25424	14.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.68%
39) 2-Hexanone-d5	10.93	63	45994	55.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74643	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	59903	25.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.92%

Target Compounds					Ovalue
13) Acetone	4.13	43	5948	5.713 ug/L	58
14) Carbon disulfide	4.38	76	22293	2.618 ug/L #	87
16) Methylene chloride	4.92	84	21063m	5.622 ug/L	

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

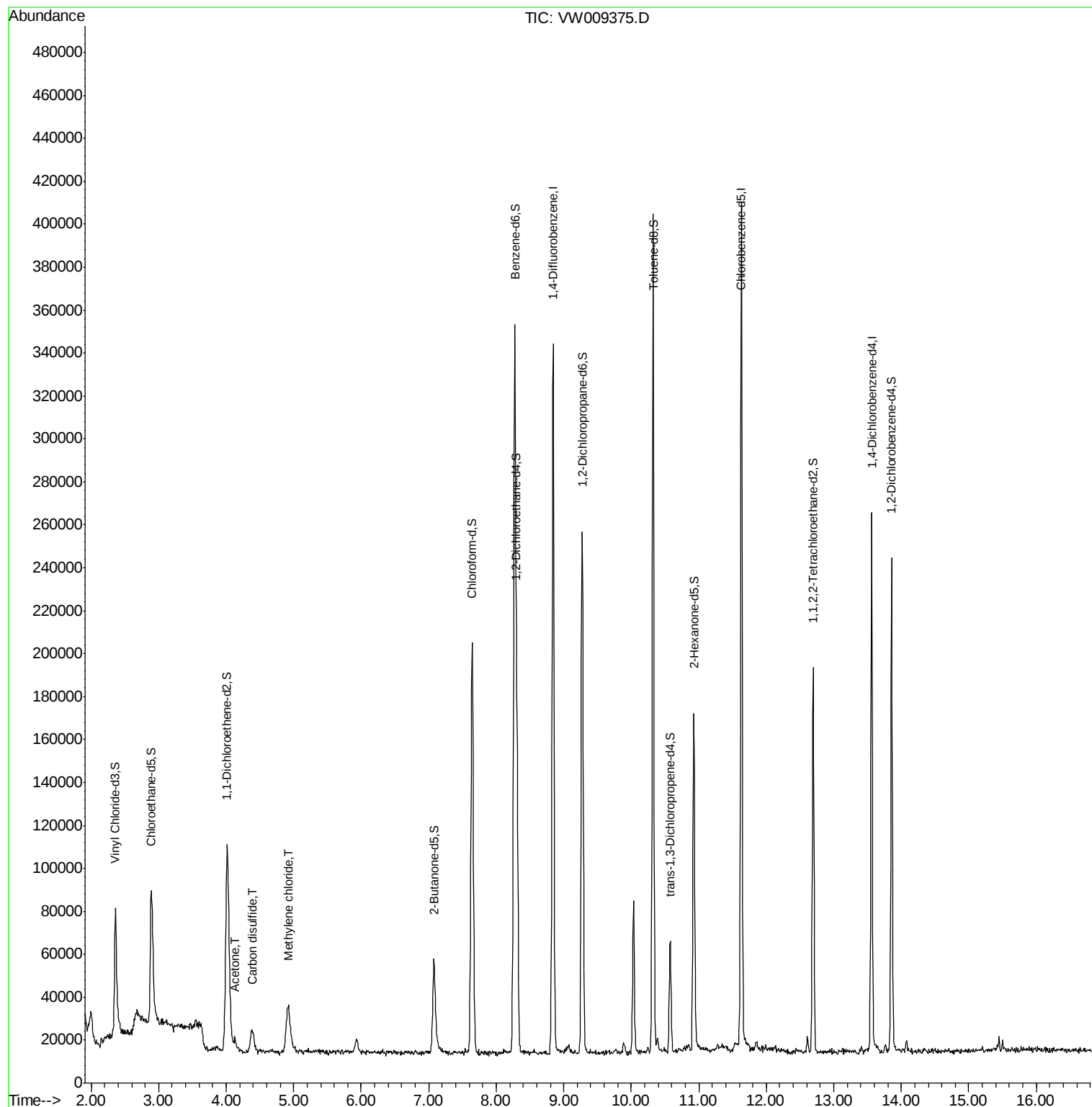
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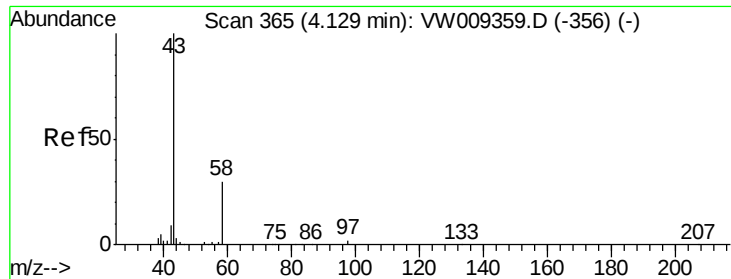
Instrument :
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Response via : Initial Calibration





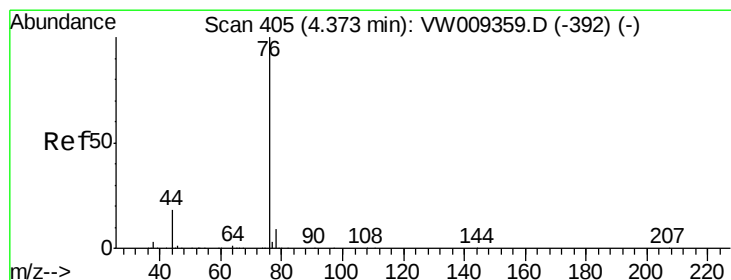
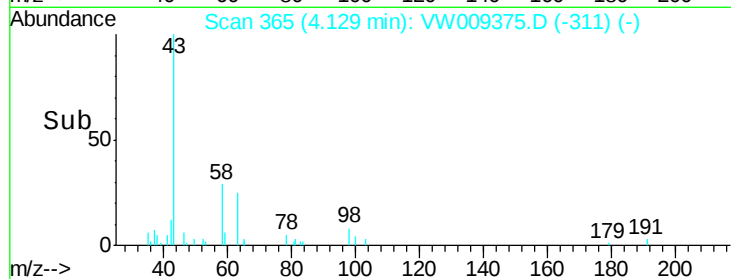
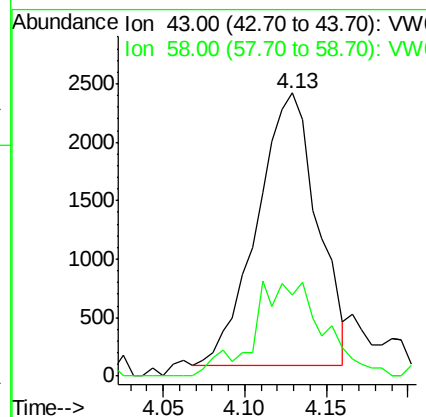
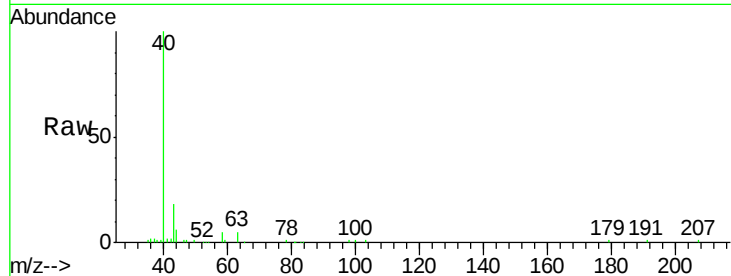
#13
Acetone
Concen: 5.713 ug/L
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW009375.D
Acq: 23 Mar 2019 05:44

Instrument :
MSVOA_W
ClientSampled :
BF5S9

Tot Ion: 43 Resp: 5948
Ion Ratio Lower Upper
43 100
58 6.2 0.0 56.2

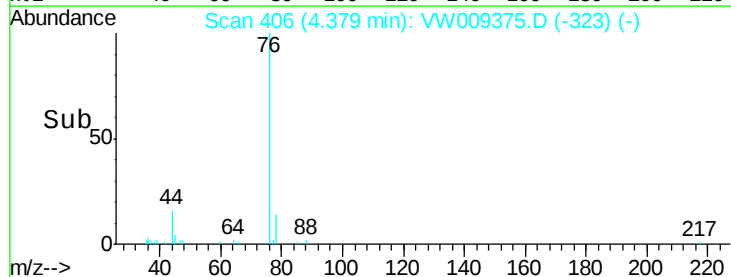
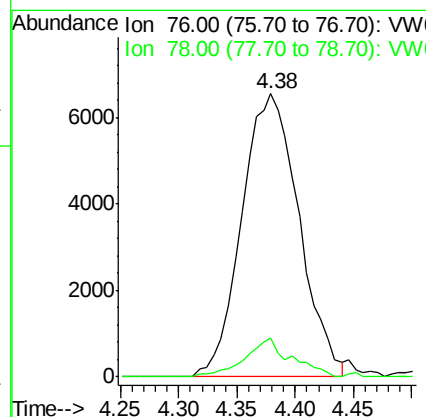
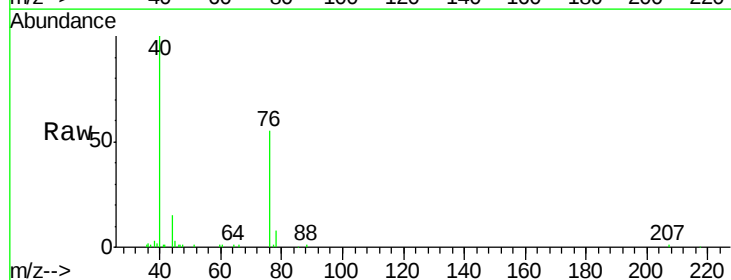
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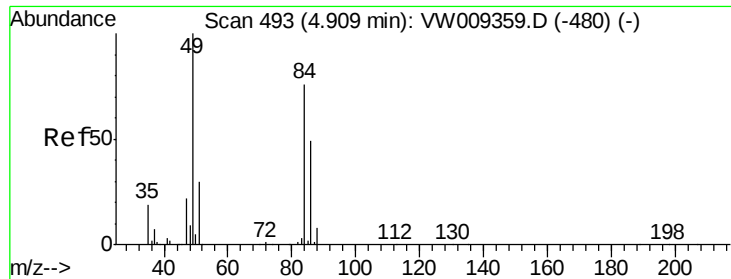
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#14
Carbon disulfide
Concen: 2.618 ug/L
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW009375.D
Acq: 23 Mar 2019 05:44

Tgt Ion: 76 Resp: 22293
Ion Ratio Lower Upper
76 100
78 13.9 7.3 10.9#





#16
 Methvlene chloride
 Concen: 5.622 ug/L m
 RT: 4.92 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: VW009375.D
 Acq: 23 Mar 2019 05:44

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S9

Tot Ion	Ratio	Lower	Upper
84	100		
49	124.2	96.0	178.2
86	72.2	44.4	82.5

Manual Integrations
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