

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009427.D
 Acq On : 25 Mar 2019 14:46
 Operator : SY/VA
 Sample : K2031-12
 Misc : 4.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S0

Manual Integrations
 APPROVED

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 3/27/2019 12:13:08 PM

Quant Time: Mar 26 08:49:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:46:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	427129	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383097	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149445	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95416	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.76%
7) Chloroethane-d5	2.89	69	99279	16.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.48%
10) 1,1-Dichloroethene-d2	4.01	63	156453	14.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.72%
20) 2-Butanone-d5	7.08	46	53028	25.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.24%
24) Chloroform-d	7.64	84	232344	19.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.72%
26) 1,2-Dichloroethane-d4	8.31	65	124627	17.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.00%
29) Benzene-d6	8.27	84	415764	19.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.72%
33) 1,2-Dichloropropane-d6	9.27	67	128485	20.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.00%
37) Toluene-d8	10.32	98	364345	18.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.60%
38) trans-1,3-Dichloropropene-	10.58	79	48458	15.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.84%
39) 2-Hexanone-d5	10.93	63	36238	23.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92129	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.96%
61) 1,2-Dichlorobenzene-d4	13.86	152	112279	19.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.36%

Target Compounds					Ovalue
13) Acetone	4.12	43	19671	11.364	ug/L 72
14) Carbon disulfide	4.37	76	27437m	1.938	ug/L
16) Methylene chloride	4.92	84	27961m	4.489	ug/L

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

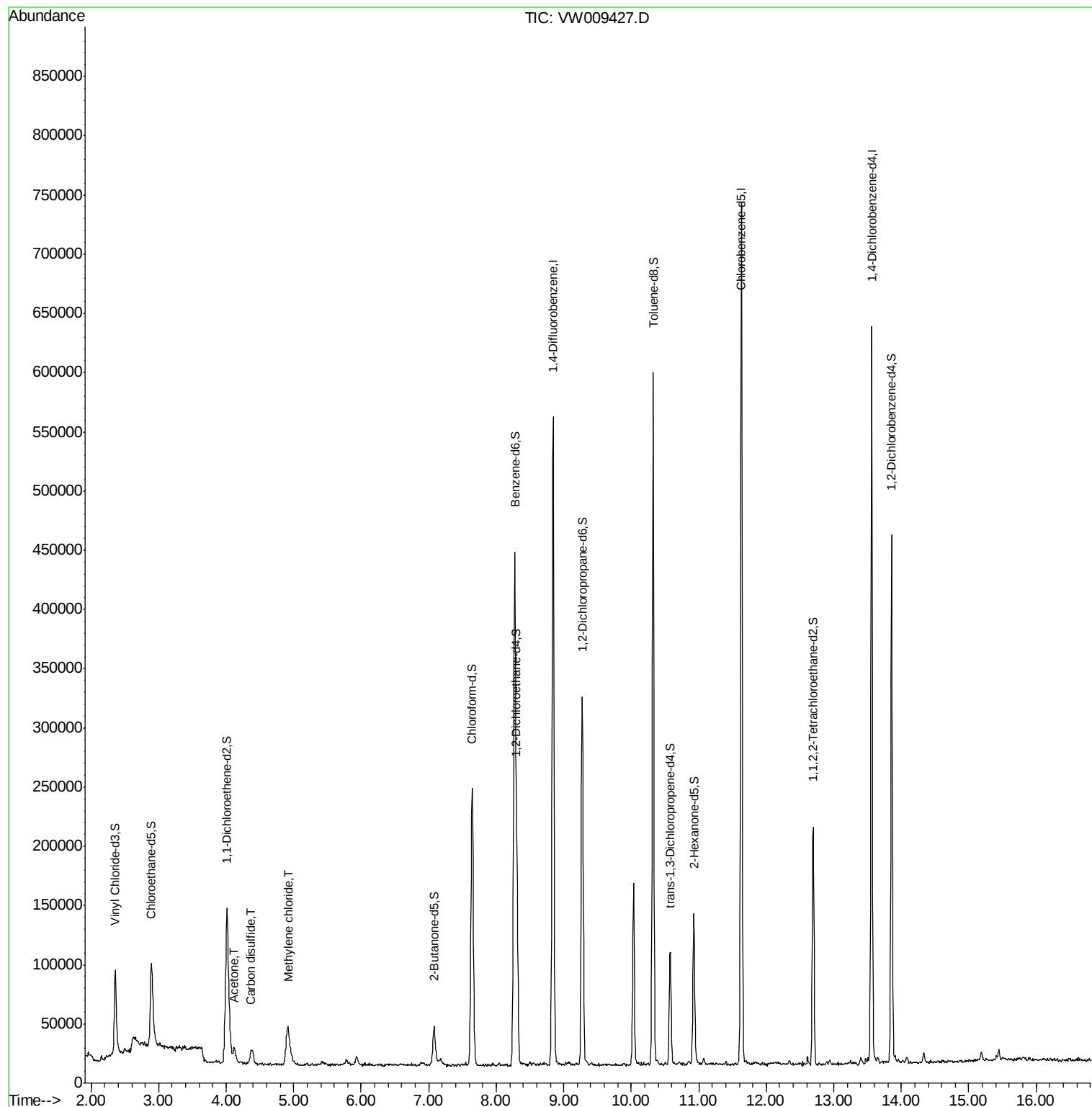
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032519\
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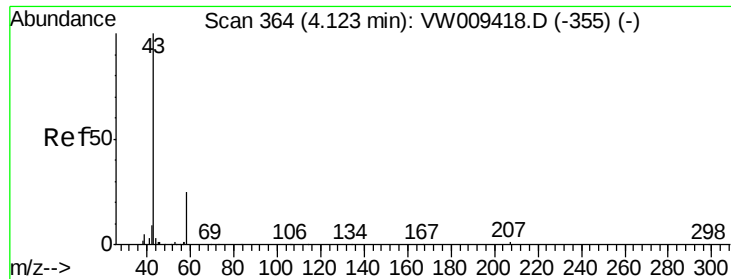
Instrument :
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#13

Acetone

Concen: 11.364 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009427.D

Acq: 25 Mar 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

BF5S0

Tot Ion: 43 Resp: 19671

Ion Ratio Lower Upper

43 100

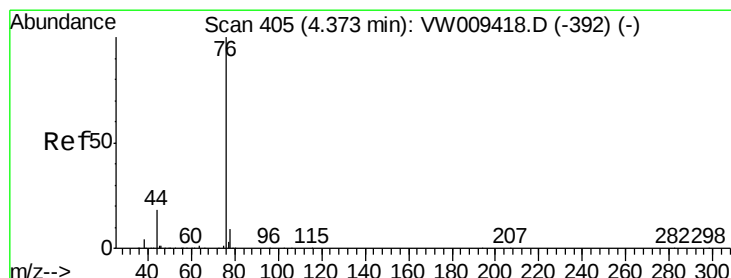
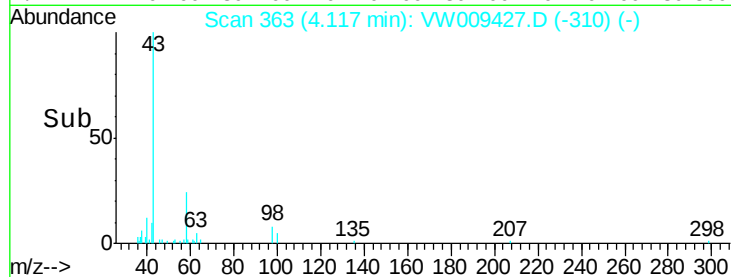
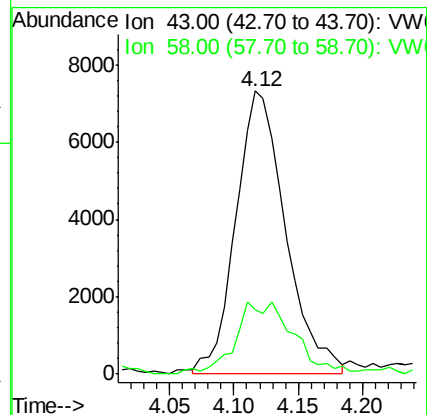
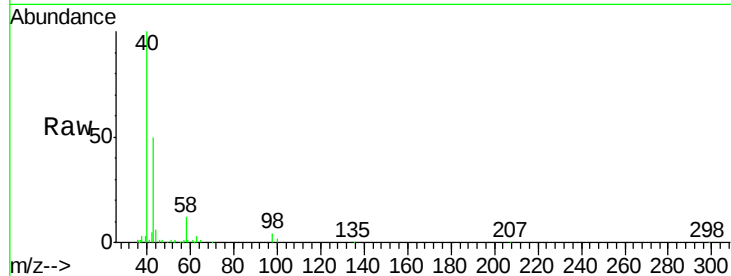
58 13.5 0.0 56.2

Manual Integrations

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#14

Carbon disulfide

Concen: 1.938 ug/L m

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW009427.D

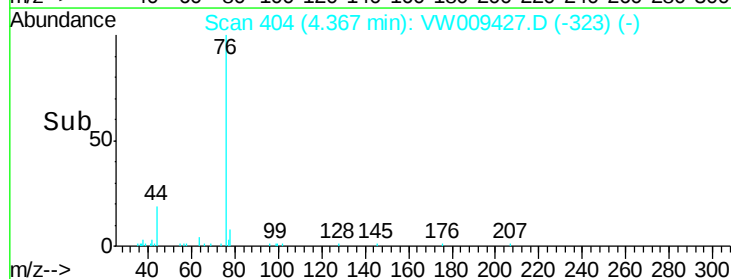
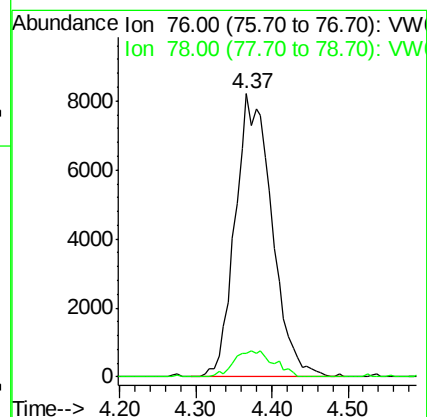
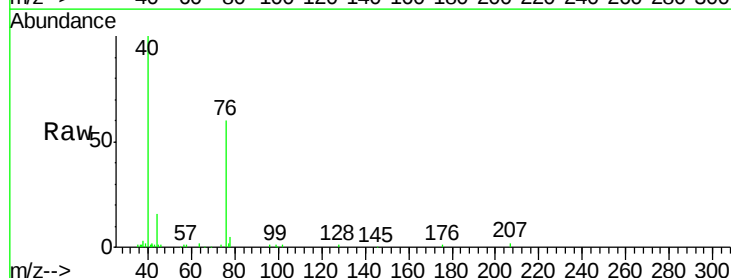
Acq: 25 Mar 2019 14:46

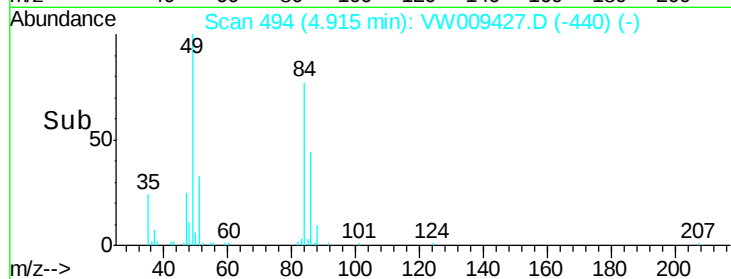
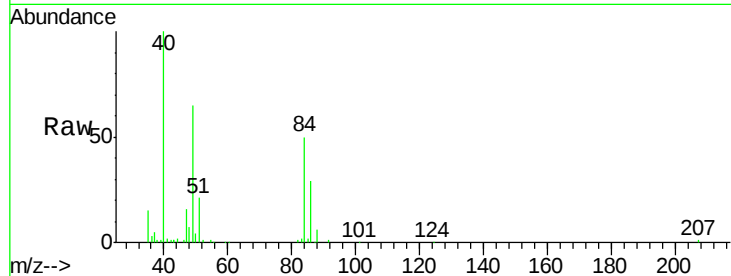
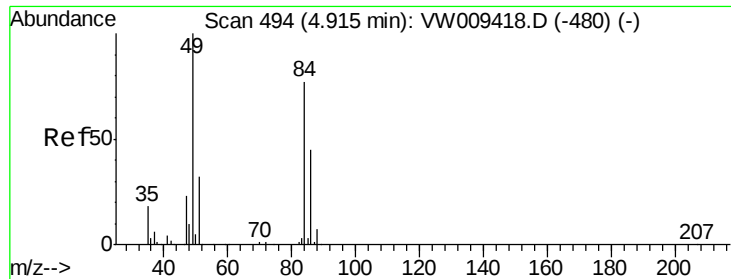
Tgt Ion: 76 Resp: 27437

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9





#16
Methvlene chloride
Concen: 4.489 ug/L m
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009427.D
Acq: 25 Mar 2019 14:46

Tot Ion	Ratio	Lower	Upper
84	100		
49	130.6	96.0	178.2
86	57.3	44.4	82.5

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