

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009420.D
 Acq On : 25 Mar 2019 11:34
 Operator : SY/VA
 Sample : K2062-02
 Misc : 11.15G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G9

Manual Integrations
 APPROVED

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 3/27/2019 12:12:36 PM

Quant Time: Mar 26 08:06:02 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	371465	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	346739	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	93062	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.89	69	102835	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.01	63	154261	16.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.32%
20) 2-Butanone-d5	7.07	46	115975	63.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.34%
24) Chloroform-d	7.64	84	234508	23.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.52%
26) 1,2-Dichloroethane-d4	8.31	65	153985m	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.27	84	416317	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	137694	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.88%
37) Toluene-d8	10.32	98	365997	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.80%
38) trans-1,3-Dichloropropene-	10.58	79	63855	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.93	63	82593	59.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154913	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	143959	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds					Ovalue
13) Acetone	4.12	43	14583	9.687 ug/L	74
16) Methylene chloride	4.90	84	14462m	2.670 ug/L	
47) Tetrachloroethene	10.87	164	1230	0.288 ug/L	83

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

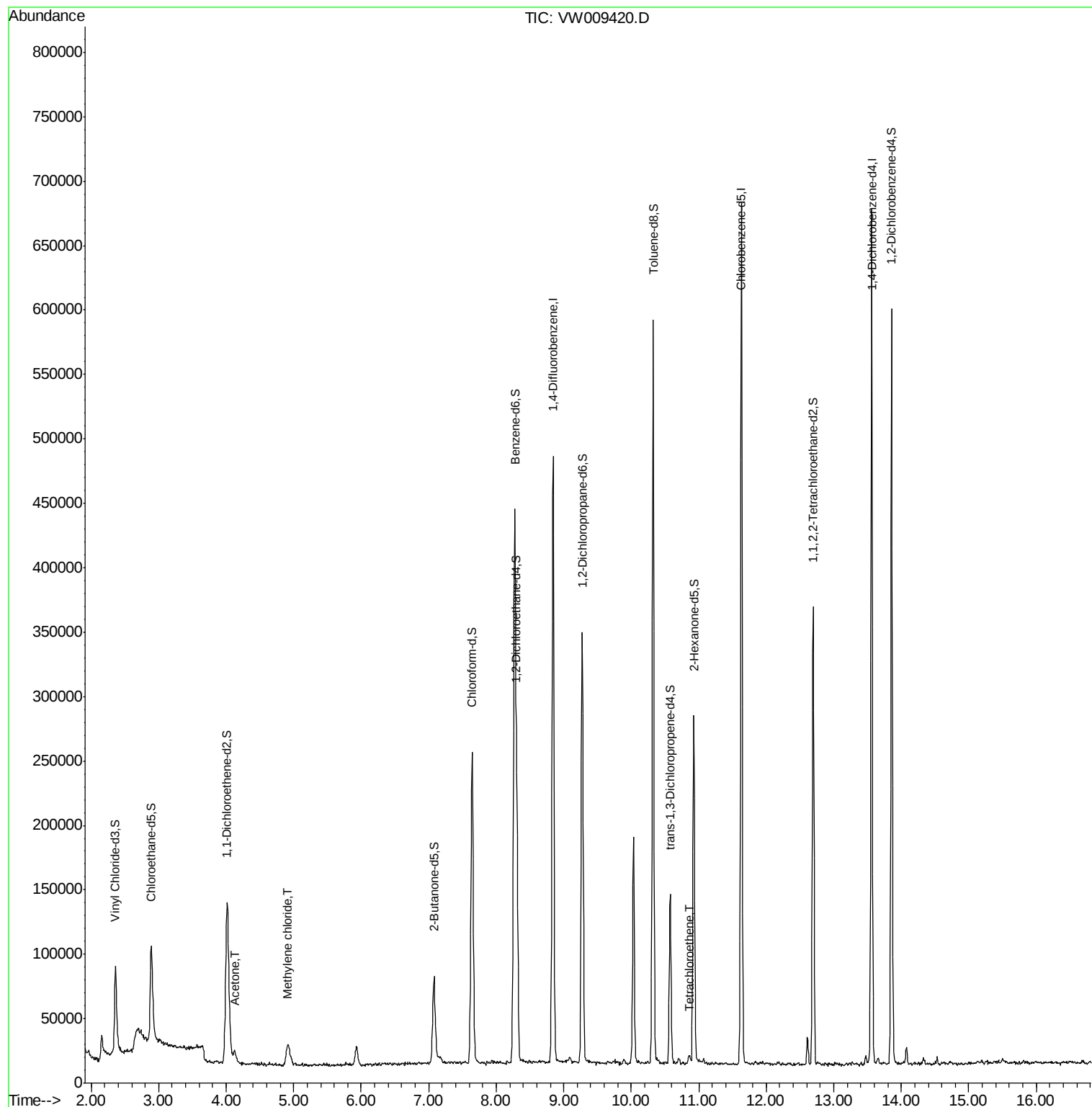
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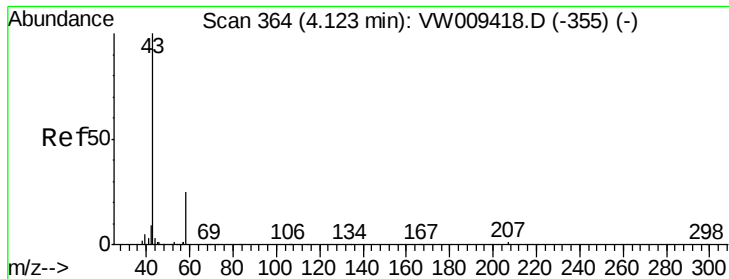
Instrument :
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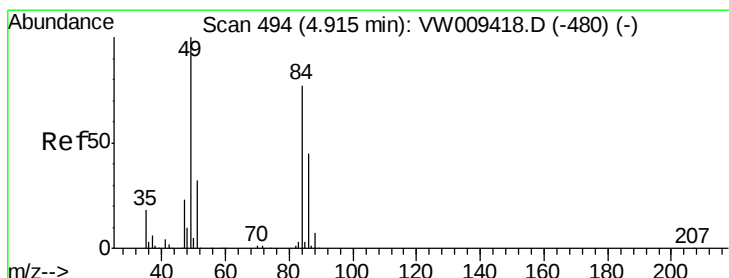
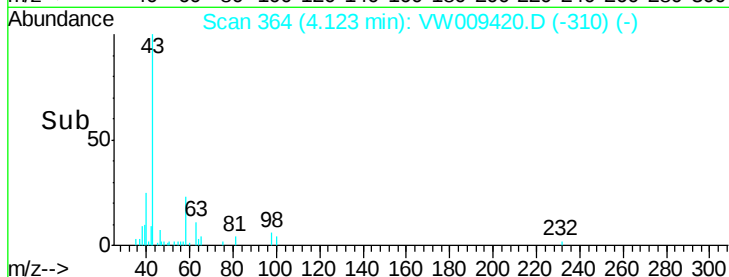
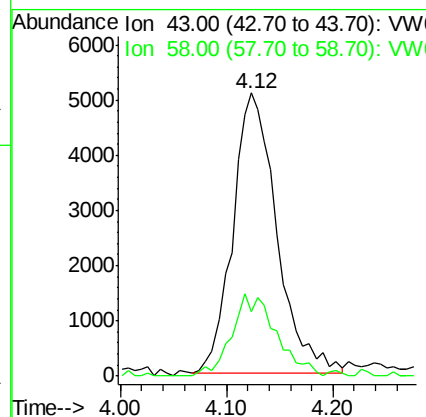
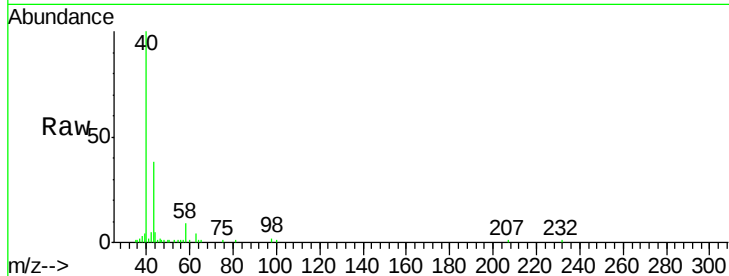
#13
Acetone
Concen: 9.687 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

Instrument :
MSVOA_W
ClientSampled :
BF0G9

Tot Ion	43	Resp	14583
Ion Ratio	100	Lower	Upper
58	14.2	0.0	56.2

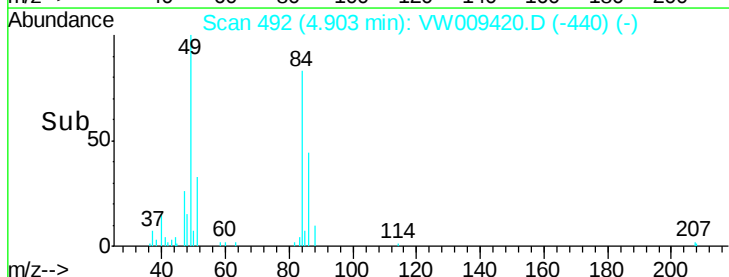
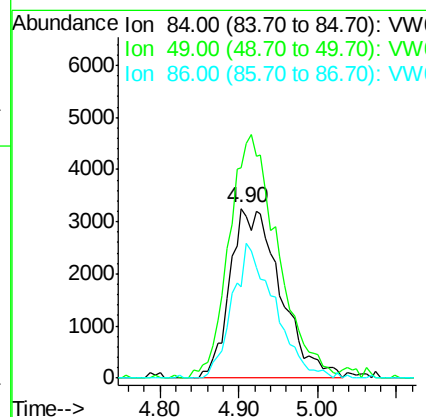
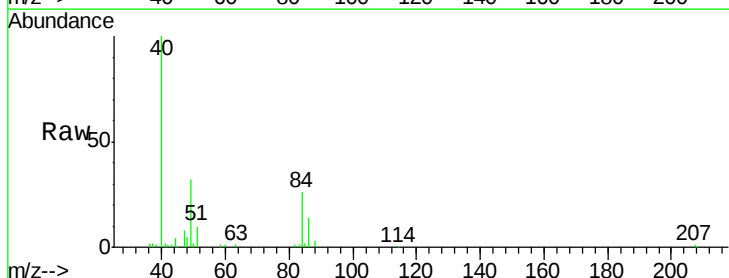
Manual Integrations
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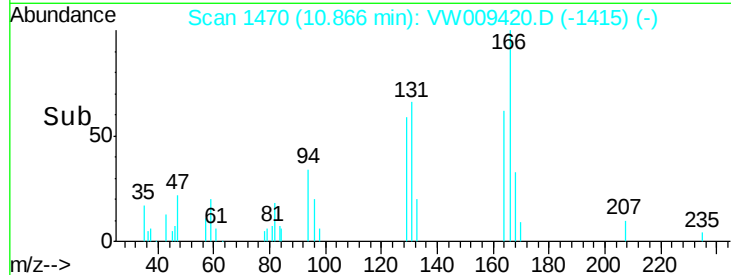
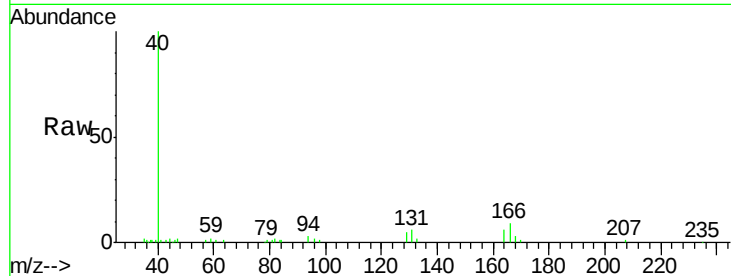
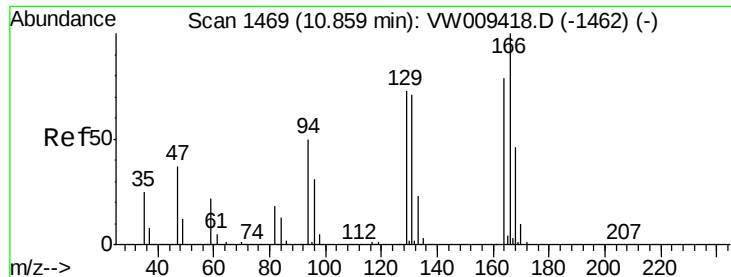
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#16
Methylene chloride
Concen: 2.670 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009420.D
Acq: 25 Mar 2019 11:34

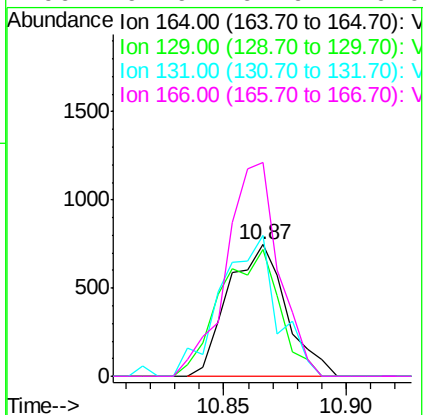
Tgt Ion	84	Resp	14462
Ion Ratio	100	Lower	Upper
49	123.7	96.0	178.2
86	53.4	44.4	82.5





#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW009420.D
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Tot Ion	Ratio	Lower	Upper
164	100		
129	96.2	66.5	123.5
131	107.5	62.6	116.3
166	162.6	91.6	170.0



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