

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009450.D
 Acq On : 26 Mar 2019 01:46
 Operator : SY/VA
 Sample : K2065-04
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 09:00:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	373906	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	355785	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	147623	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	82828	18.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.16%
7) Chloroethane-d5	2.89	69	91010	17.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.64%
10) 1,1-Dichloroethene-d2	4.01	63	140222	14.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.08%
20) 2-Butanone-d5	7.08	46	73887	39.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.98%
24) Chloroform-d	7.64	84	236481	23.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.72%
26) 1,2-Dichloroethane-d4	8.31	65	142784	23.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.92%
29) Benzene-d6	8.27	84	410982	20.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.80%
33) 1,2-Dichloropropane-d6	9.27	67	135763	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.16%
37) Toluene-d8	10.32	98	360176	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.40%
38) trans-1,3-Dichloropropene-	10.57	79	53314	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.04%
39) 2-Hexanone-d5	10.92	63	50654	35.49	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123666	21.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	131786	23.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.12%

Target Compounds

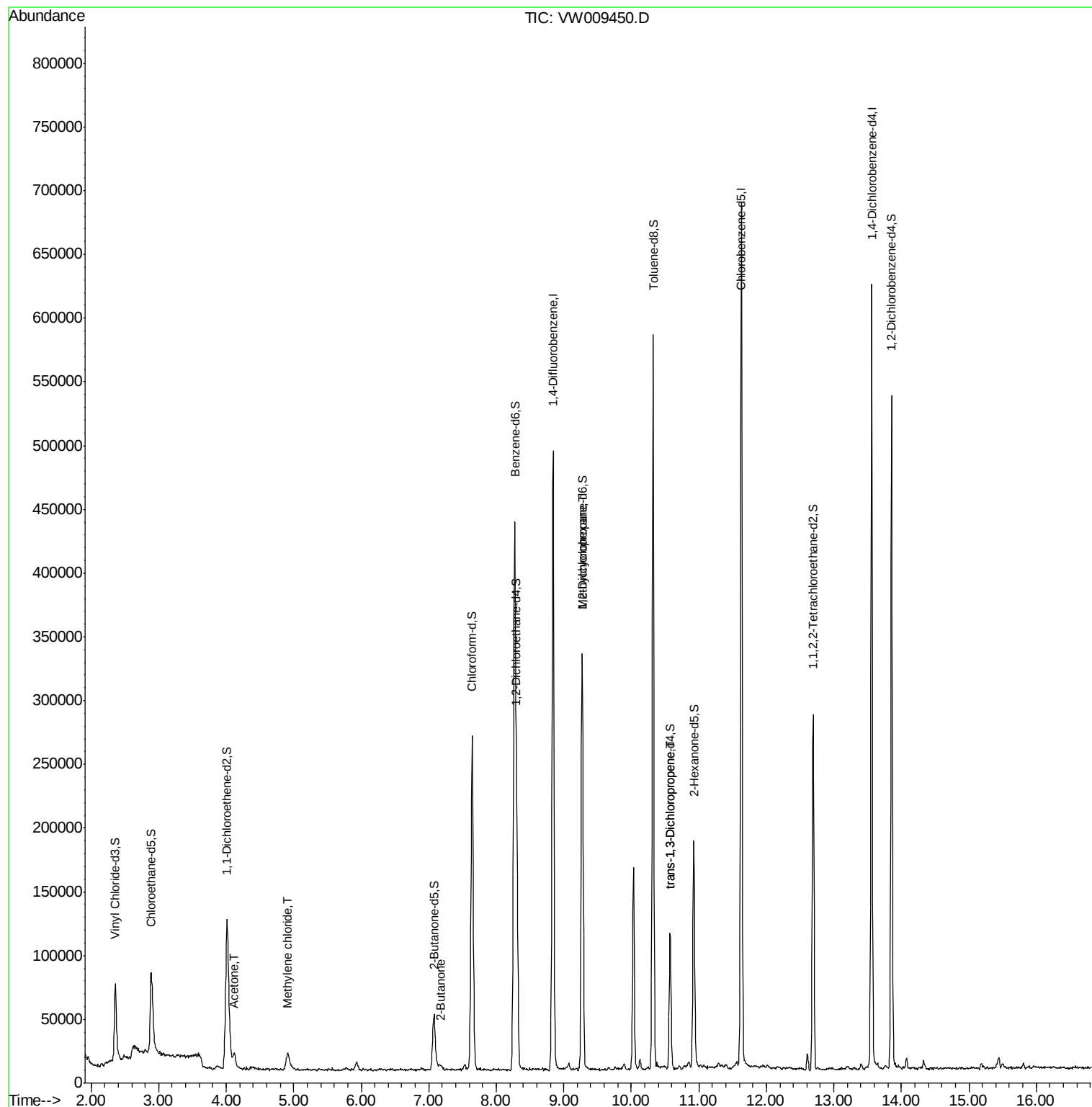
					Ovalue
13) Acetone	4.12	43	18946	12.503 ug/L	94
16) Methylene chloride	4.90	84	6092	1.117 ug/L	96
21) 2-Butanone	7.18	43	4212	2.013 ug/L	97
36) Methylcyclohexane	9.27	83	34049	3.793 ug/L #	18
45) trans-1,3-Dichloropropene	10.57	75	3006	0.425 ug/L #	74

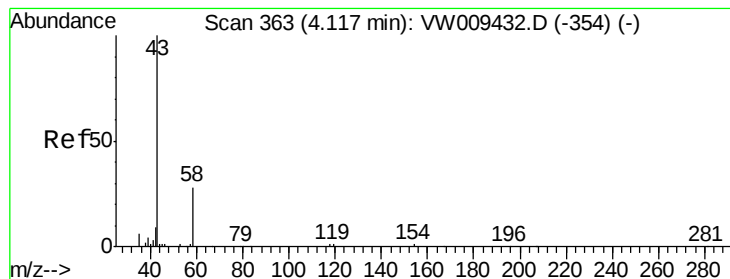
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 12.503 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009450.D

Acq: 26 Mar 2019 01:46

Instrument :

MSVOA_W

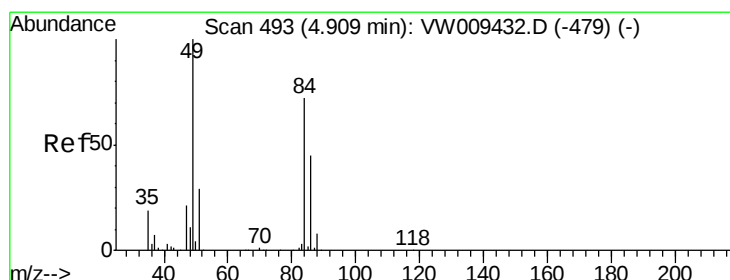
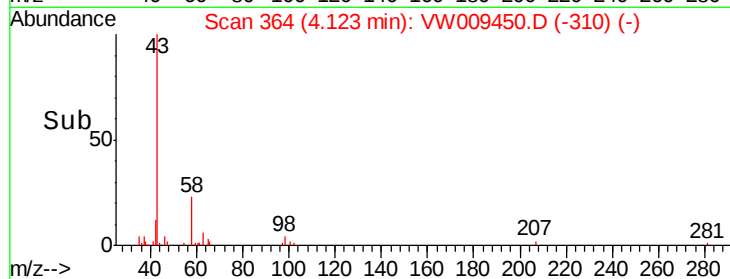
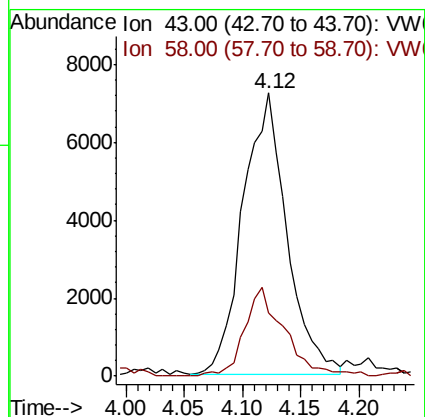
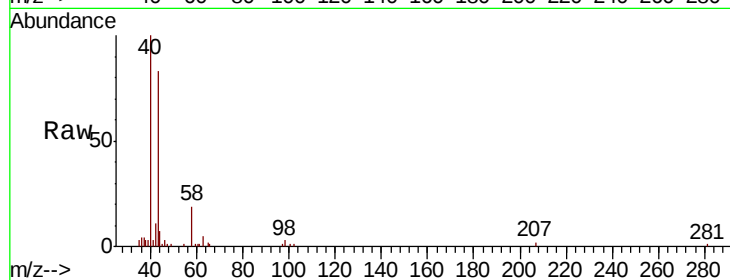
ClientSampled :

Tot Ion: 43 Resp: 18946

Ion Ratio Lower Upper

43 100

58 25.1 0.0 56.2



#16

Methylene chloride

Concen: 1.117 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW009450.D

Acq: 26 Mar 2019 01:46

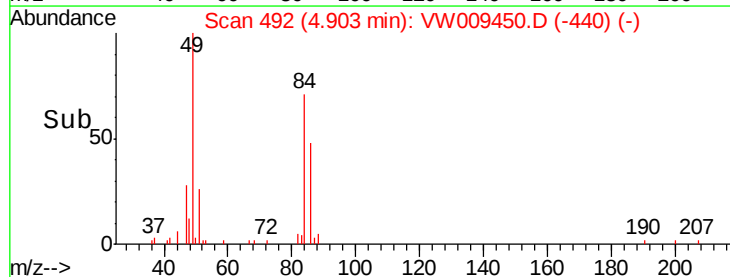
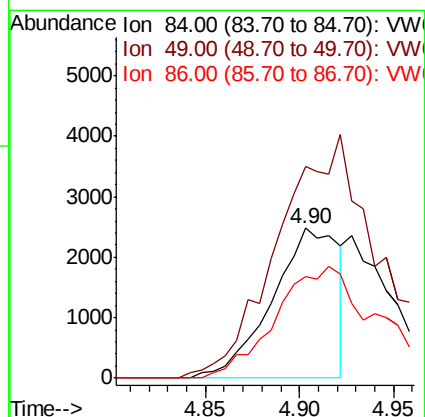
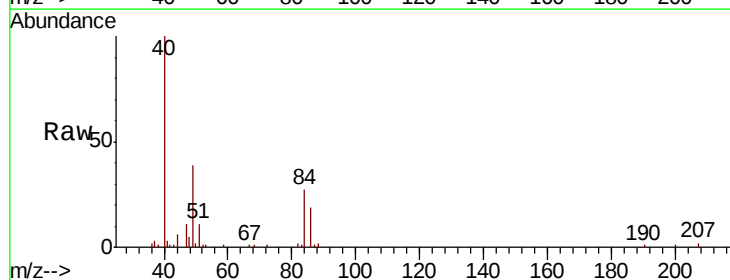
Tgt Ion: 84 Resp: 6092

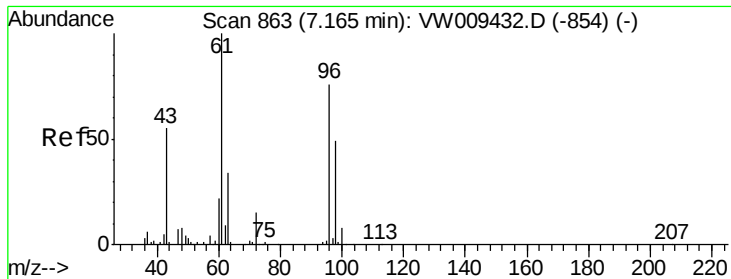
Ion Ratio Lower Upper

84 100

49 140.9 96.0 178.2

86 67.9 44.4 82.5





#21

2-Butanone

Concen: 2.013 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW009450.D

Acq: 26 Mar 2019 01:46

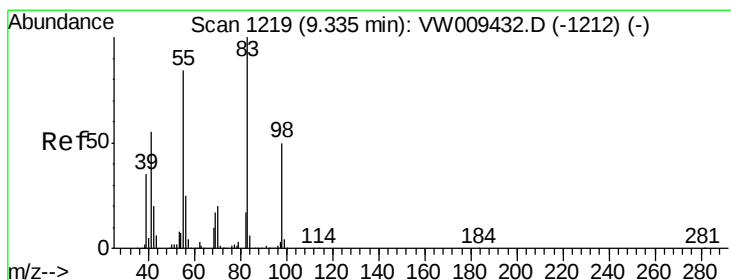
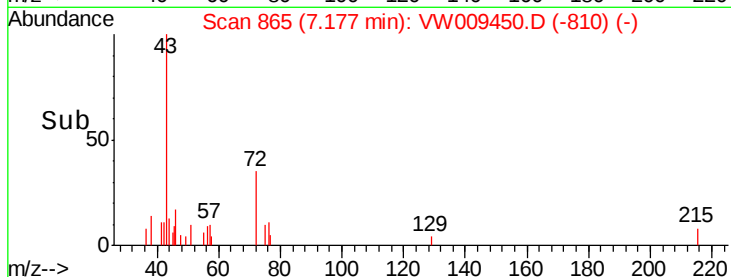
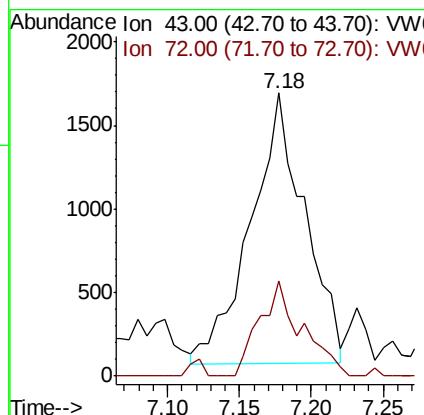
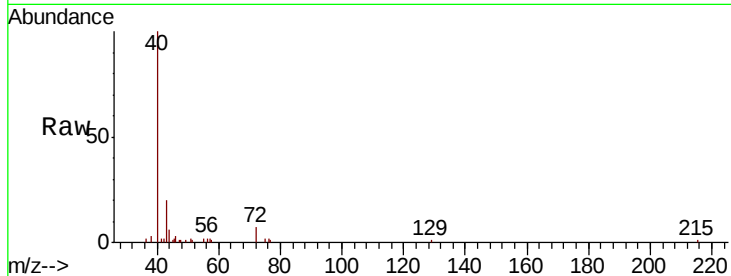
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 4212

Ion Ratio Lower Upper

43 100

72 27.6 13.1 39.1



#36

Methylcyclohexane

Concen: 3.793 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

Lab File: VW009450.D

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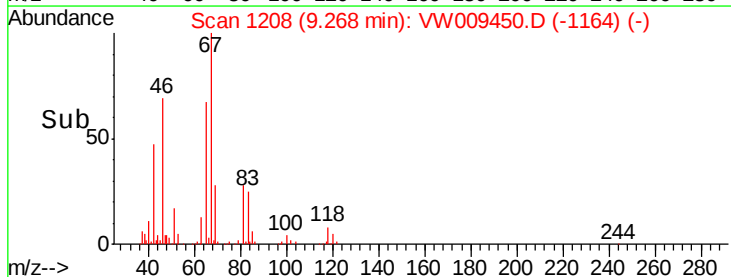
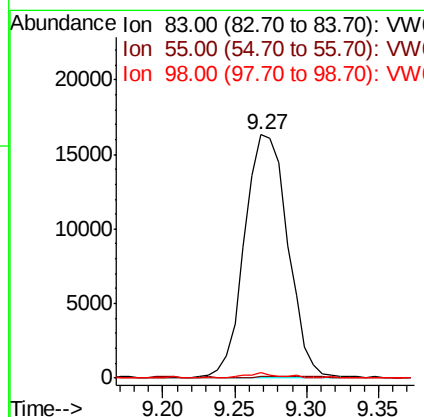
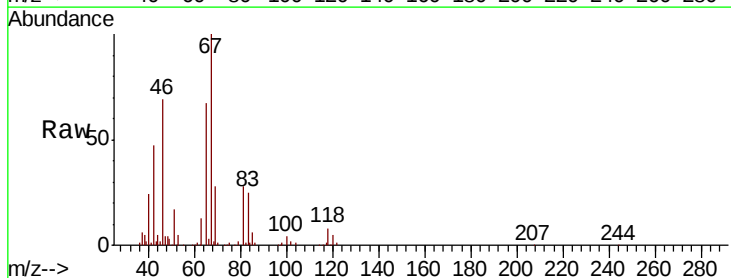
Tgt Ion: 83 Resp: 34049

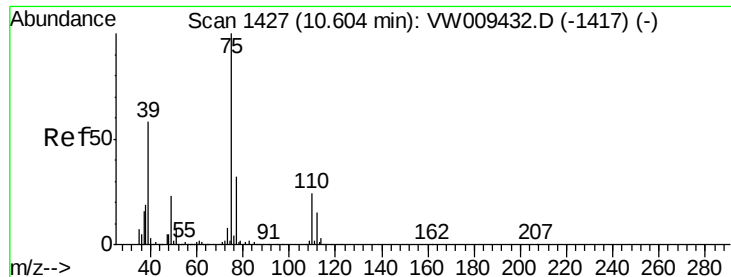
Ion Ratio Lower Upper

83 100

55 0.6 63.5 95.3#

98 1.4 39.8 59.8#





#45

trans-1,3-Dichloropropene

Concen: 0.425 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009450.D

Acq: 26 Mar 2019 01:46

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3006

Ion Ratio Lower Upper

75 100

77 46.5 22.5 41.7#

