

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010208.D
 Acq On : 30 Apr 2019 05:54
 Operator : SY/VA
 Sample : K2613-01
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 06:55:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 15:05:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	424363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323002	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	77604	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80080	16.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.52%
7) Chloroethane-d5	2.89	69	79111	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	4.01	63	135571	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.08	46	21232	11.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	23.92%
24) Chloroform-d	7.65	84	245575	22.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	8.31	65	140949	22.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.24%
29) Benzene-d6	8.27	84	401395	23.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.32%
33) 1,2-Dichloropropane-d6	9.27	67	141871	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.32	98	303757	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.80%
38) trans-1,3-Dichloropropene-	10.57	79	31927	12.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.00%
39) 2-Hexanone-d5	10.93	63	14501	12.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95261	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	58911	20.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.76%

Target Compounds

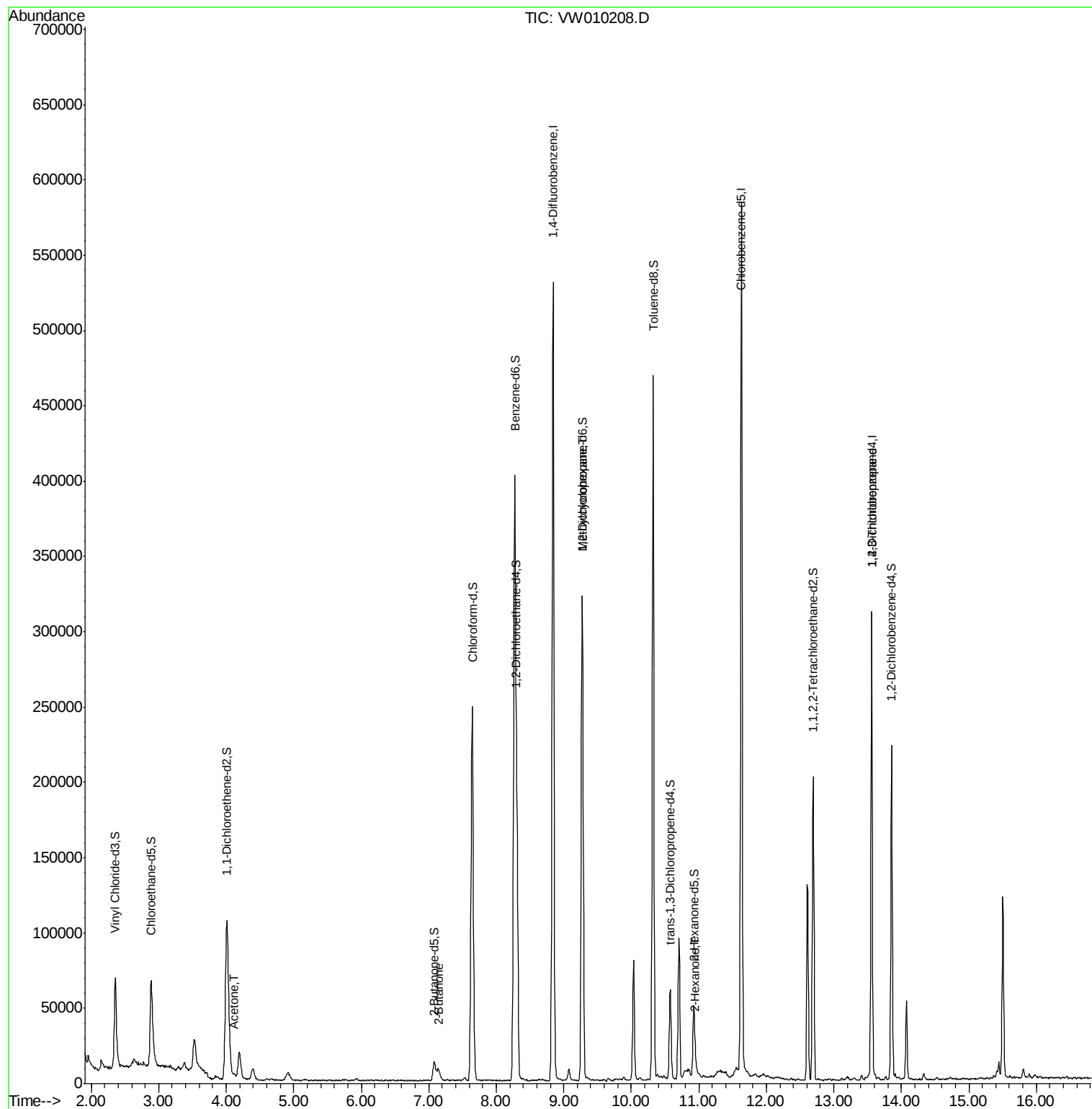
					Ovalue
13) Acetone	4.12	43	4211	3.001 ug/L	85
21) 2-Butanone	7.15	43	9642	4.900 ug/L #	52
36) Methylcyclohexane	9.27	83	36178	4.498 ug/L #	16
49) 2-Hexanone	10.96	43	5576	2.353 ug/L #	47
59) 1,2,3-Trichloropropane	13.56	75	9167	2.809 ug/L	94

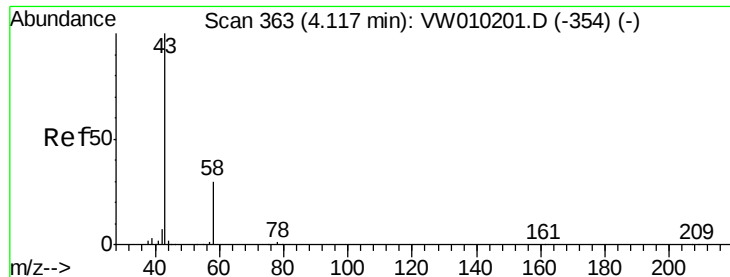
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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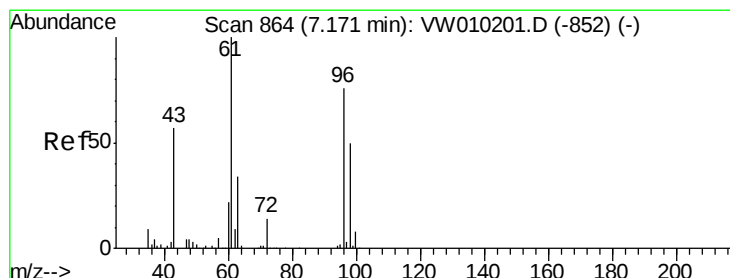
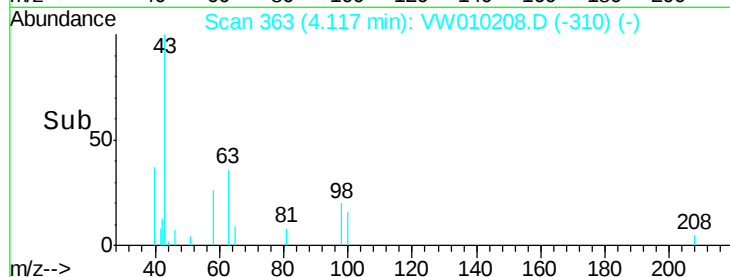
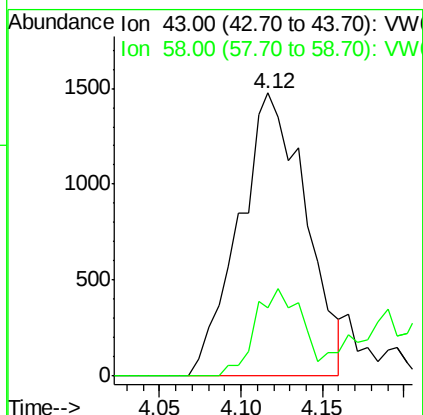
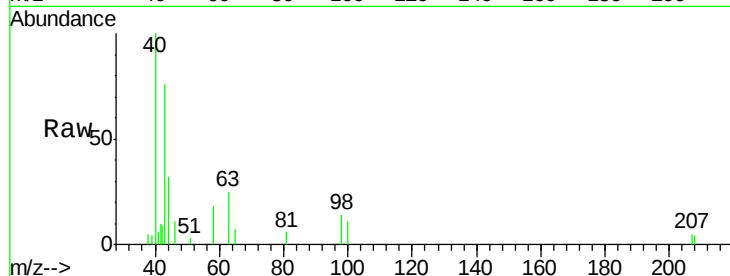




#13
Acetone
Concen: 3.001 ug/L
RT: 4.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: VW010208.D
Acq: 30 Apr 2019 05:54

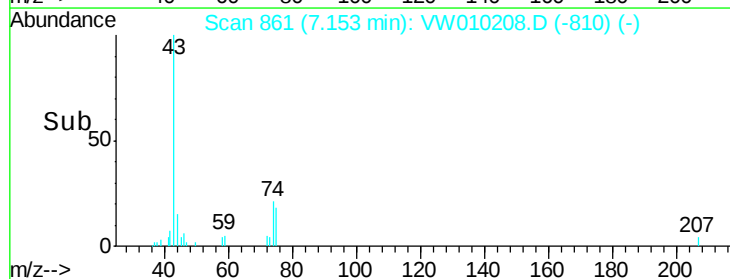
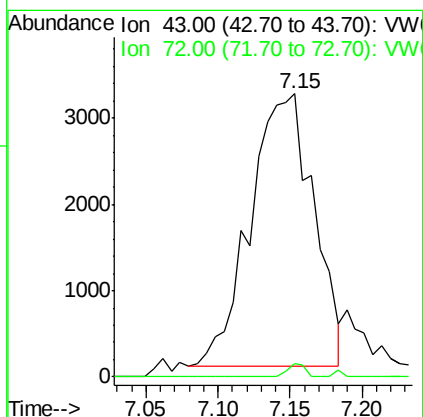
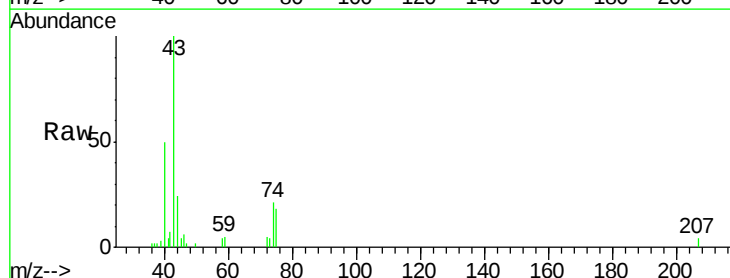
Instrument :
MSVOA_W
ClientSampled :

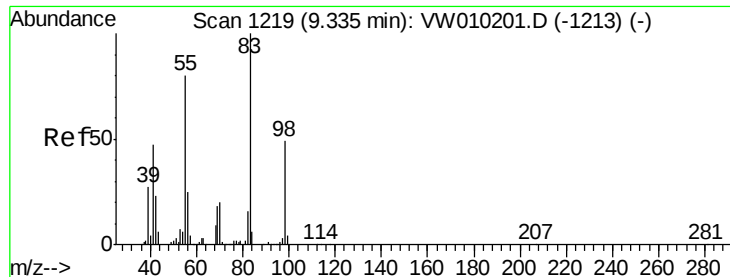
Tot Ion: 43 Resp: 4211
Ion Ratio Lower Upper
43 100
58 21.7 0.0 59.8



#21
2-Butanone
Concen: 4.900 ug/L
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW010208.D
Acq: 30 Apr 2019 05:54

Tgt Ion: 43 Resp: 9642
Ion Ratio Lower Upper
43 100
72 1.4 12.8 38.3#

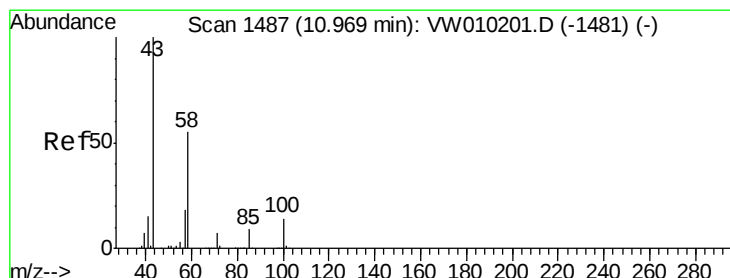
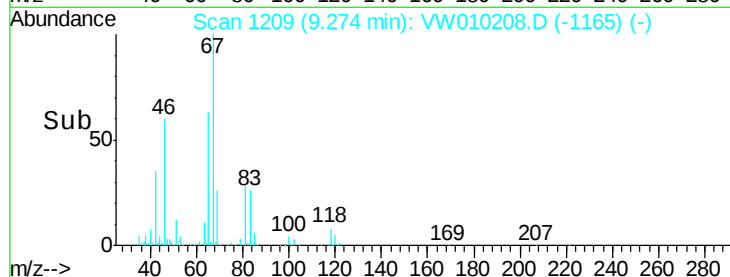
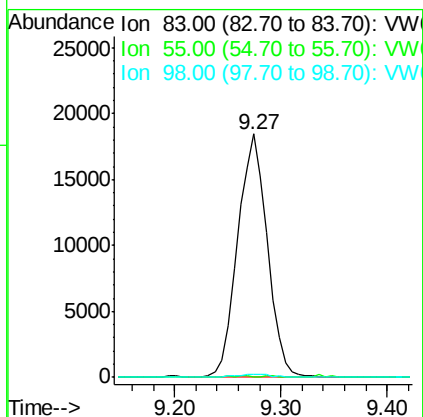
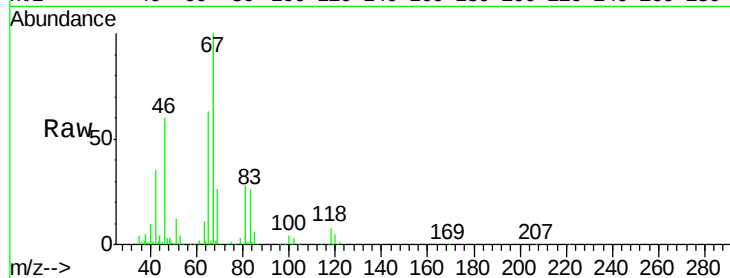




#36
Methylcyclohexane
Concen: 4.498 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010208.D
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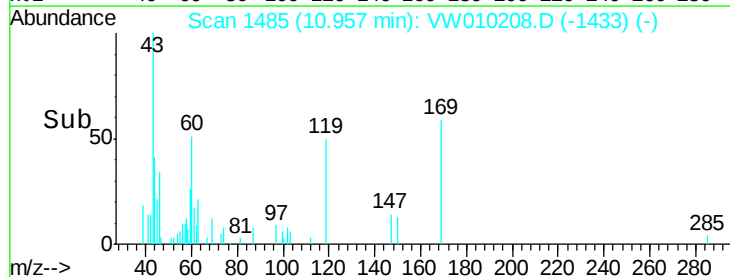
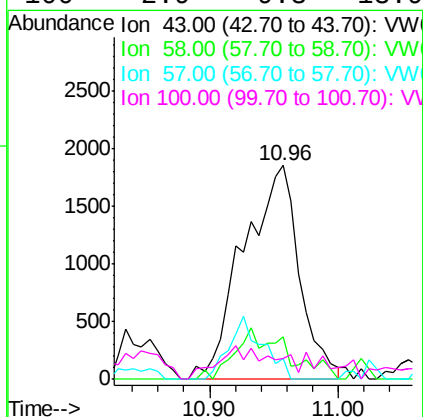
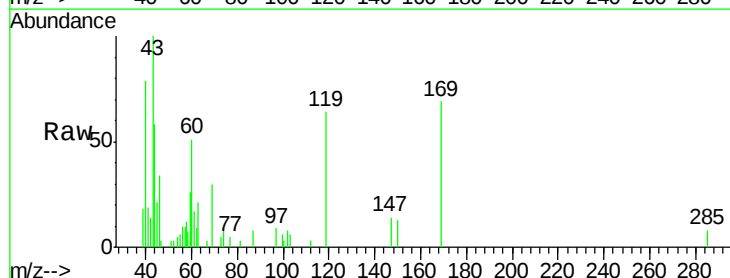
Instrument :
MSVOA_W
ClientSampled :

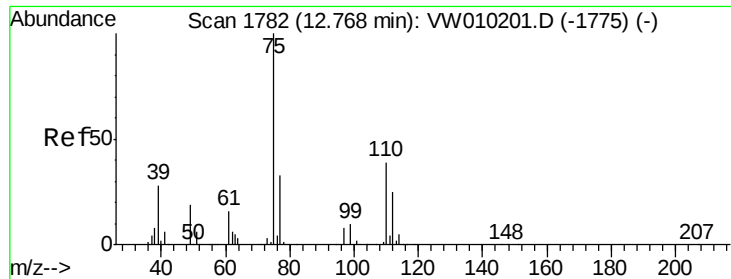
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.5	96.7#
98	0.0	39.4	59.2#



#49
2-Hexanone
Concen: 2.353 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW010208.D
Acq: 30 Apr 2019 05:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	7.2	41.4	62.2#
57	0.0	14.8	22.2#
100	2.9	9.3	13.9#





#59

1,2,3-Trichloropropane

Concen: 2.809 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010208.D

Acq: 30 Apr 2019 05:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 9167

Ion Ratio Lower Upper

75 100

77 34.4 25.0 37.4

