

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009451.D
 Acq On : 26 Mar 2019 02:13
 Operator : SY/VA
 Sample : K2065-05
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:07:19 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	348752	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	326031	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	120602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	78165	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
7) Chloroethane-d5	2.89	69	87521	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.80%
10) 1,1-Dichloroethene-d2	4.01	63	129854	14.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.68%
20) 2-Butanone-d5	7.07	46	74301	43.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.22%
24) Chloroform-d	7.65	84	220868	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	135783	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.72%
29) Benzene-d6	8.27	84	381660	21.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.92%
33) 1,2-Dichloropropane-d6	9.27	67	128377	23.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.08%
37) Toluene-d8	10.32	98	322054	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.48%
38) trans-1,3-Dichloropropene-	10.58	79	52075	19.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.80%
39) 2-Hexanone-d5	10.93	63	50026	38.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116290	21.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	104406	22.58	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.32%

Target Compounds

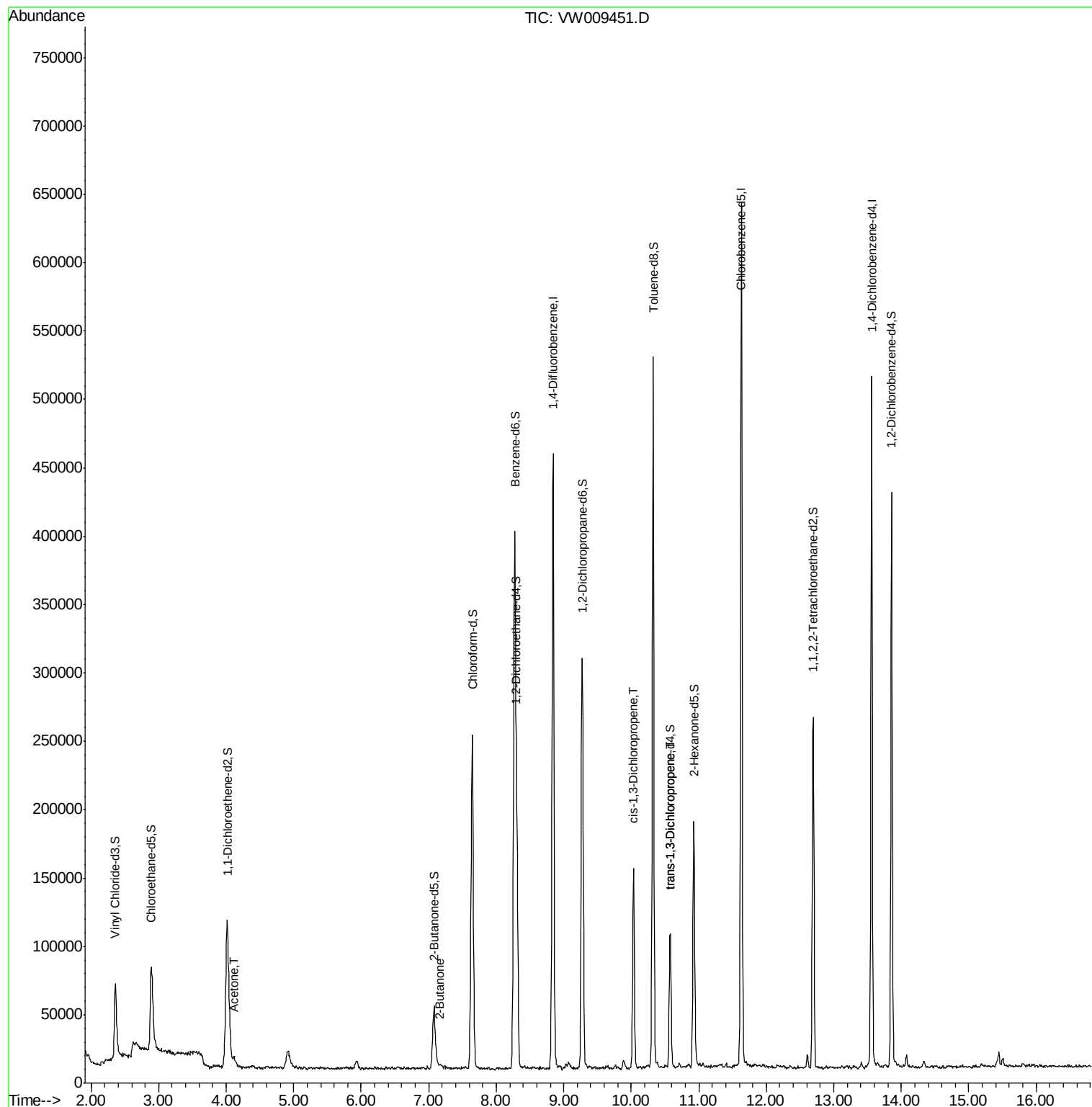
					Ovalue
13) Acetone	4.12	43	10496	7.426 ug/L	84
21) 2-Butanone	7.17	43	1163	0.596 ug/L	85
42) cis-1,3-Dichloropropene	10.04	75	4163	0.558 ug/L	96
45) trans-1,3-Dichloropropene	10.58	75	2648	0.408 ug/L	92

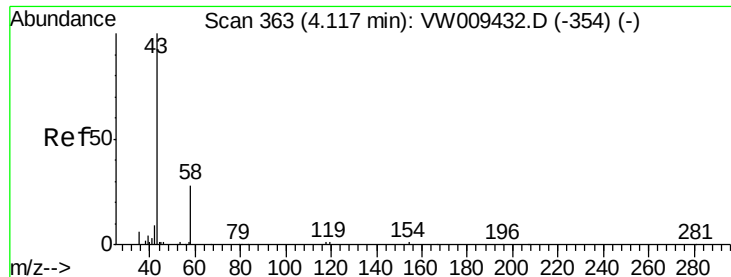
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.426 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009451.D

Acq: 26 Mar 2019 02:13

Instrument :

MSVOA_W

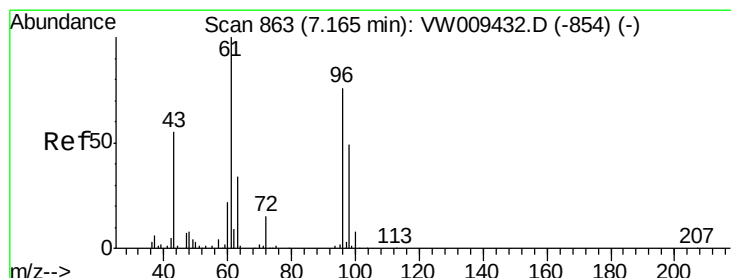
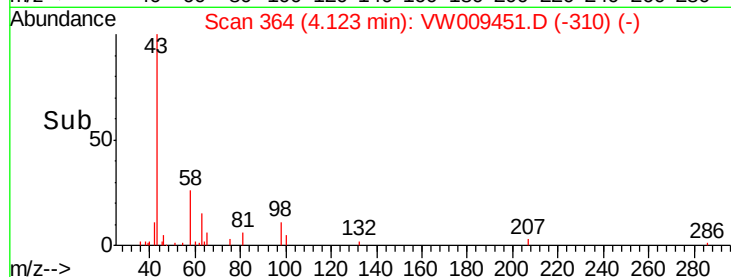
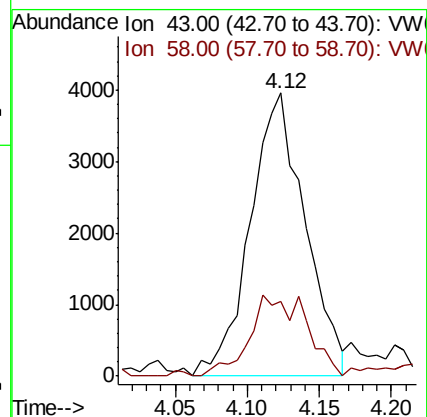
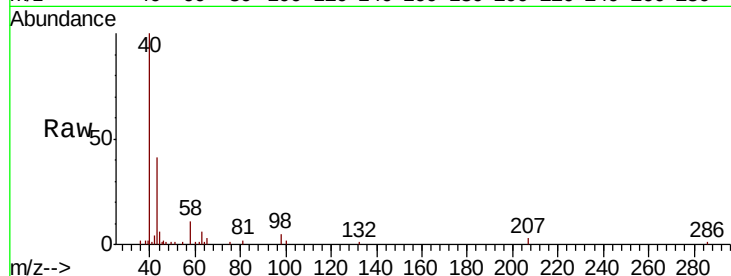
ClientSampled :

Tot Ion: 43 Resp: 10496

Ion Ratio Lower Upper

43 100

58 19.7 0.0 56.2



#21

2-Butanone

Concen: 0.596 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009451.D

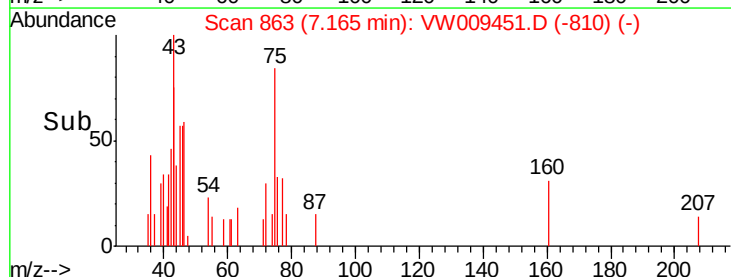
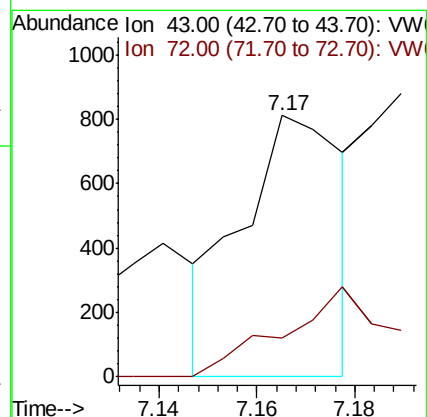
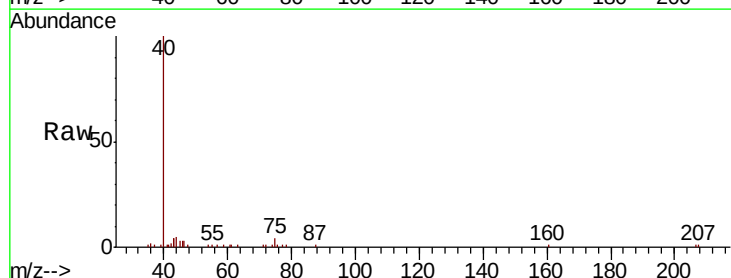
Acq: 26 Mar 2019 02:13

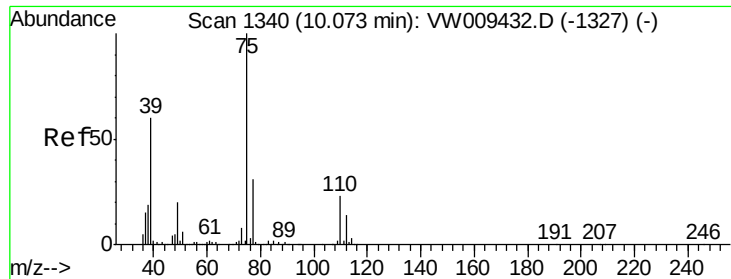
Tgt Ion: 43 Resp: 1163

Ion Ratio Lower Upper

43 100

72 33.9 13.1 39.1

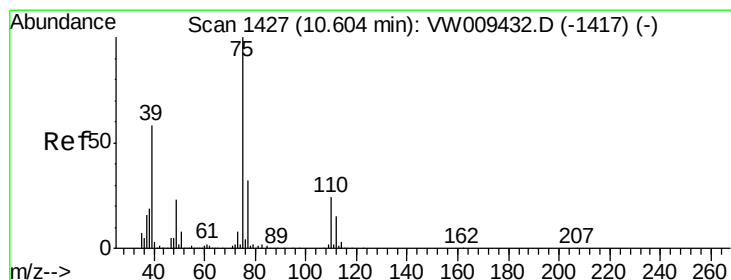
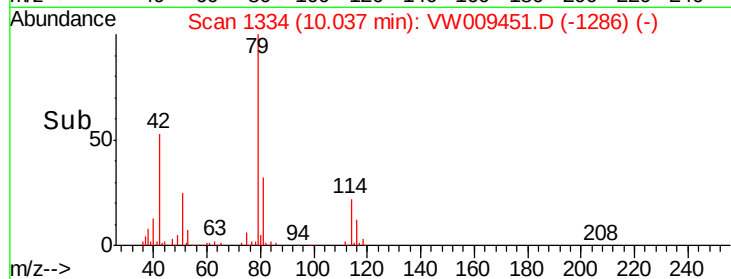
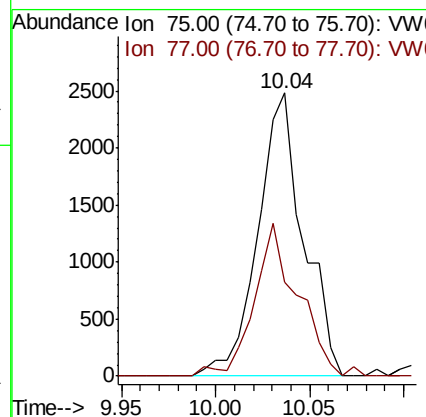
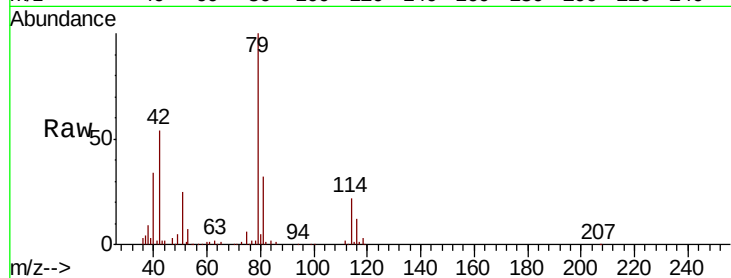




#42
 cis-1,3-Dichloropropene
 Concen: 0.558 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW009451.D
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Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 4163
 Ion Ratio Lower Upper
 75 100
 77 33.1 21.6 40.2



#45
 trans-1,3-Dichloropropene
 Concen: 0.408 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.02 min
 Lab File: VW009451.D
 Acq: 26 Mar 2019 02:13

Tgt Ion: 75 Resp: 2648
 Ion Ratio Lower Upper
 75 100
 77 36.4 22.5 41.7

