

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009449.D
 Acq On : 26 Mar 2019 01:18
 Operator : SY/VA
 Sample : K2065-01
 Misc : 5.45G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:07:01 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	354986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	358707	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162826	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68956	16.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.04%
7) Chloroethane-d5	2.89	69	83460	16.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.24%
10) 1,1-Dichloroethene-d2	4.01	63	122262	13.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.32%
20) 2-Butanone-d5	7.07	46	91697	52.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.54%
24) Chloroform-d	7.64	84	221384	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	8.31	65	150806	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.36%
29) Benzene-d6	8.27	84	384687	19.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.80%
33) 1,2-Dichloropropane-d6	9.27	67	133908	22.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.16%
37) Toluene-d8	10.32	98	336424	18.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.56%
38) trans-1,3-Dichloropropene-	10.57	79	58564	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.52%
39) 2-Hexanone-d5	10.93	63	64072	44.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142973	24.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.72%
61) 1,2-Dichlorobenzene-d4	13.86	152	145223	23.26	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.04%

Target Compounds

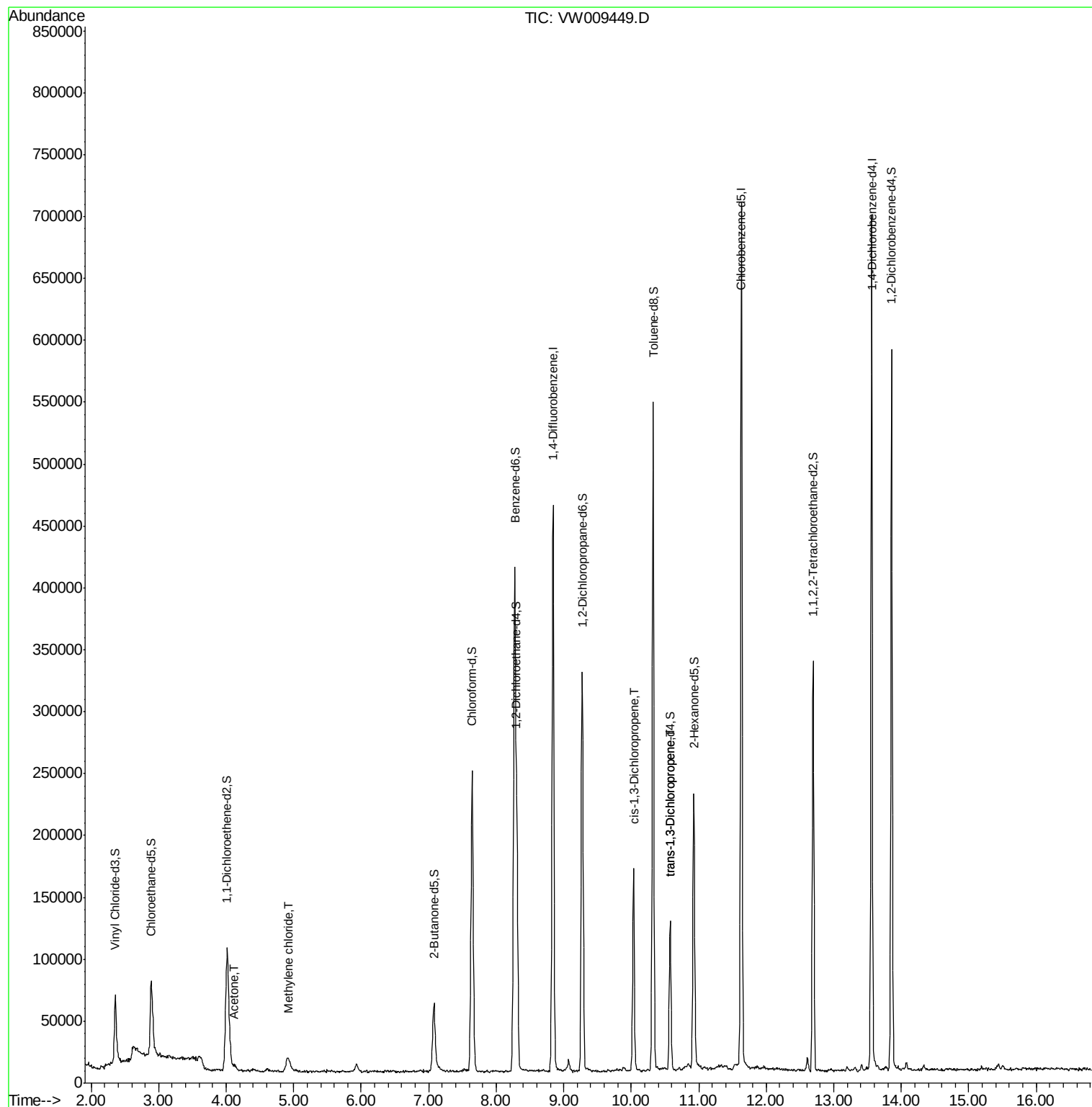
					Ovalue
13) Acetone	4.12	43	4533	3.151 ug/L	62
16) Methylene chloride	4.92	84	7012	1.355 ug/L	88
42) cis-1,3-Dichloropropene	10.04	75	4612	0.562 ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	3430	0.481 ug/L #	75

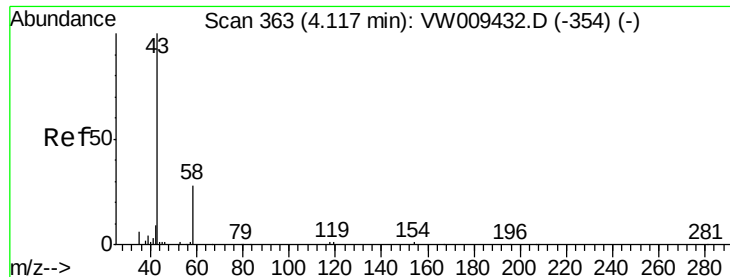
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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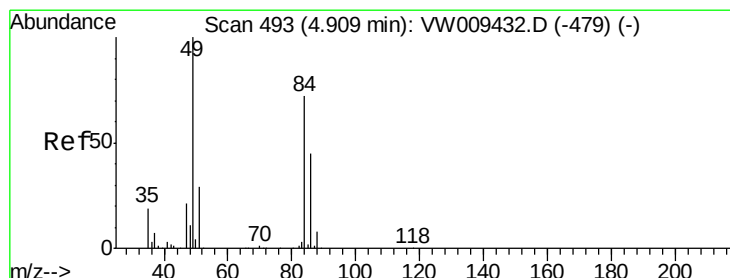
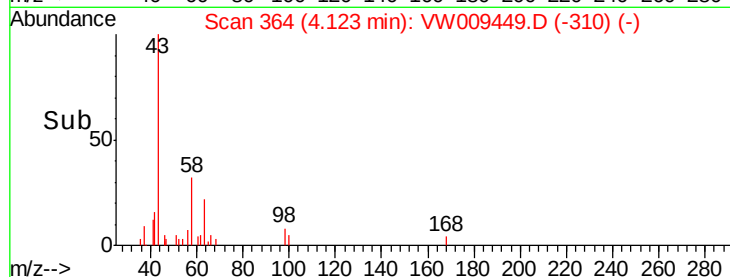
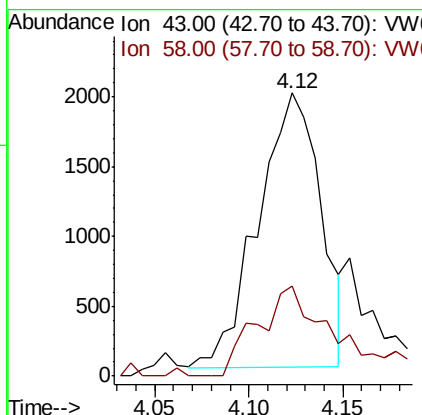
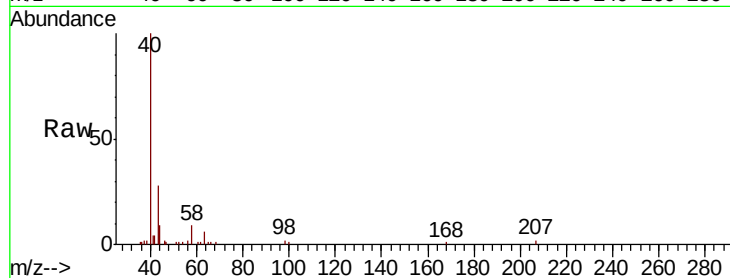




#13
Acetone
Concen: 3.151 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW009449.D
Acq: 26 Mar 2019 01:18

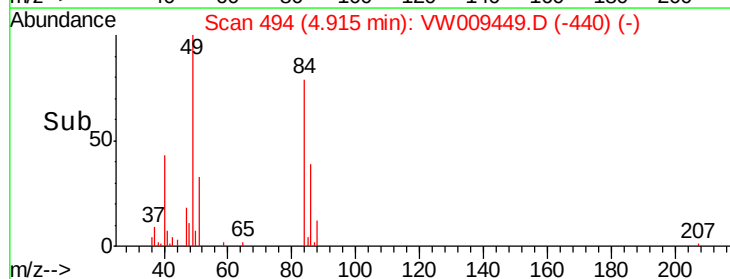
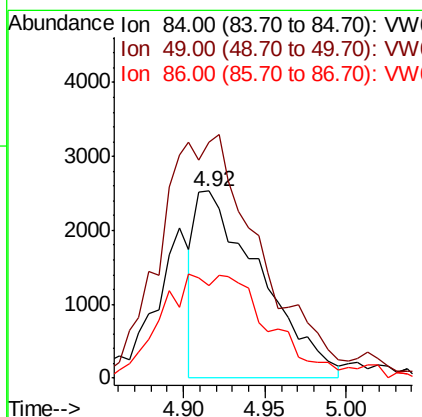
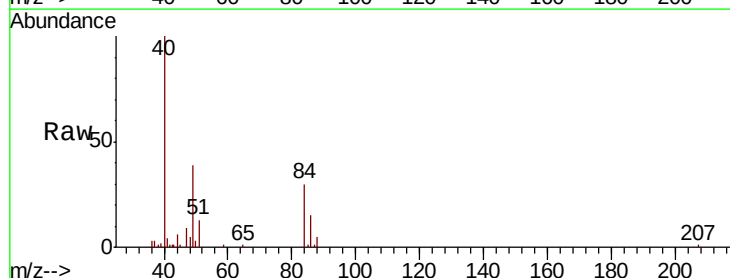
Instrument :
MSVOA_W
ClientSampled :

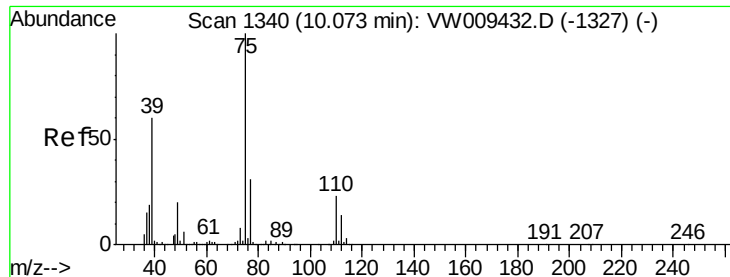
Tot Ion: 43 Resp: 4533
Ion Ratio Lower Upper
43 100
58 8.1 0.0 56.2



#16
Methylene chloride
Concen: 1.355 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009449.D
Acq: 26 Mar 2019 01:18

Tgt Ion: 84 Resp: 7012
Ion Ratio Lower Upper
84 100
49 126.5 96.0 178.2
86 49.4 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.562 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009449.D

Acq: 26 Mar 2019 01:18

Instrument :

MSVOA_W

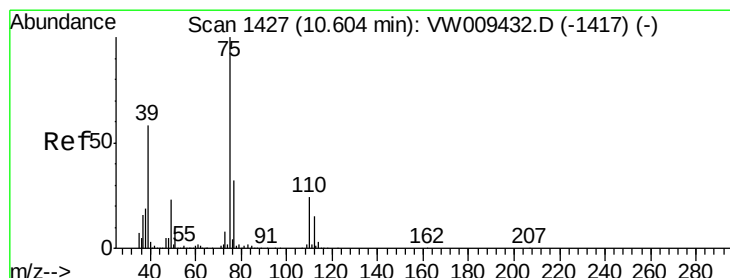
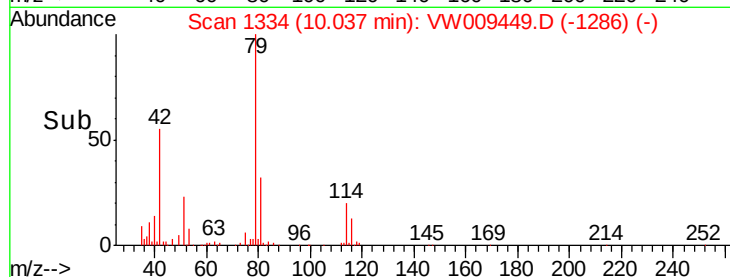
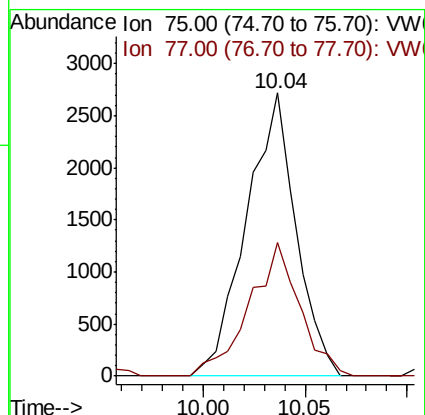
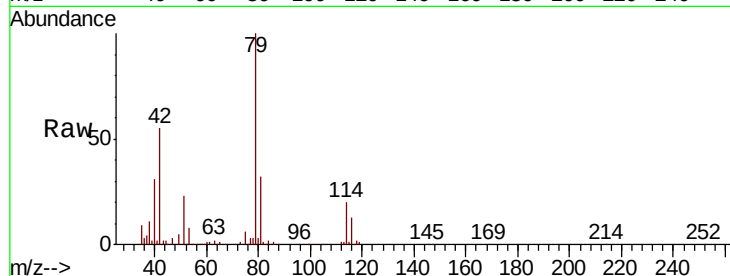
ClientSampleId :

Tot Ion: 75 Resp: 4612

Ion Ratio Lower Upper

75 100

77 47.1 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.481 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009449.D

Acq: 26 Mar 2019 01:18

Tgt Ion: 75 Resp: 3430

Ion Ratio Lower Upper

75 100

77 46.3 22.5 41.7#

