

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009433.D
 Acq On : 25 Mar 2019 17:51
 Operator : SY/VA
 Sample : VW0325SBL02
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 26 09:04:49 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	410418	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	180842	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	115950	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.56%
7) Chloroethane-d5	2.90	69	121302	21.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.56%
10) 1,1-Dichloroethene-d2	4.01	63	185647	17.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.04%
20) 2-Butanone-d5	7.07	46	115168	56.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.56%
24) Chloroform-d	7.64	84	260647	23.27	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.08%
26) 1,2-Dichloroethane-d4	8.31	65	165300	24.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.00%
29) Benzene-d6	8.27	84	490239	22.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.28%
33) 1,2-Dichloropropane-d6	9.27	67	152003	23.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.20%
37) Toluene-d8	10.32	98	442811	22.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.20%
38) trans-1,3-Dichloropropene-	10.57	79	68818	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.00%
39) 2-Hexanone-d5	10.93	63	82140	51.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	157048	24.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	169545	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

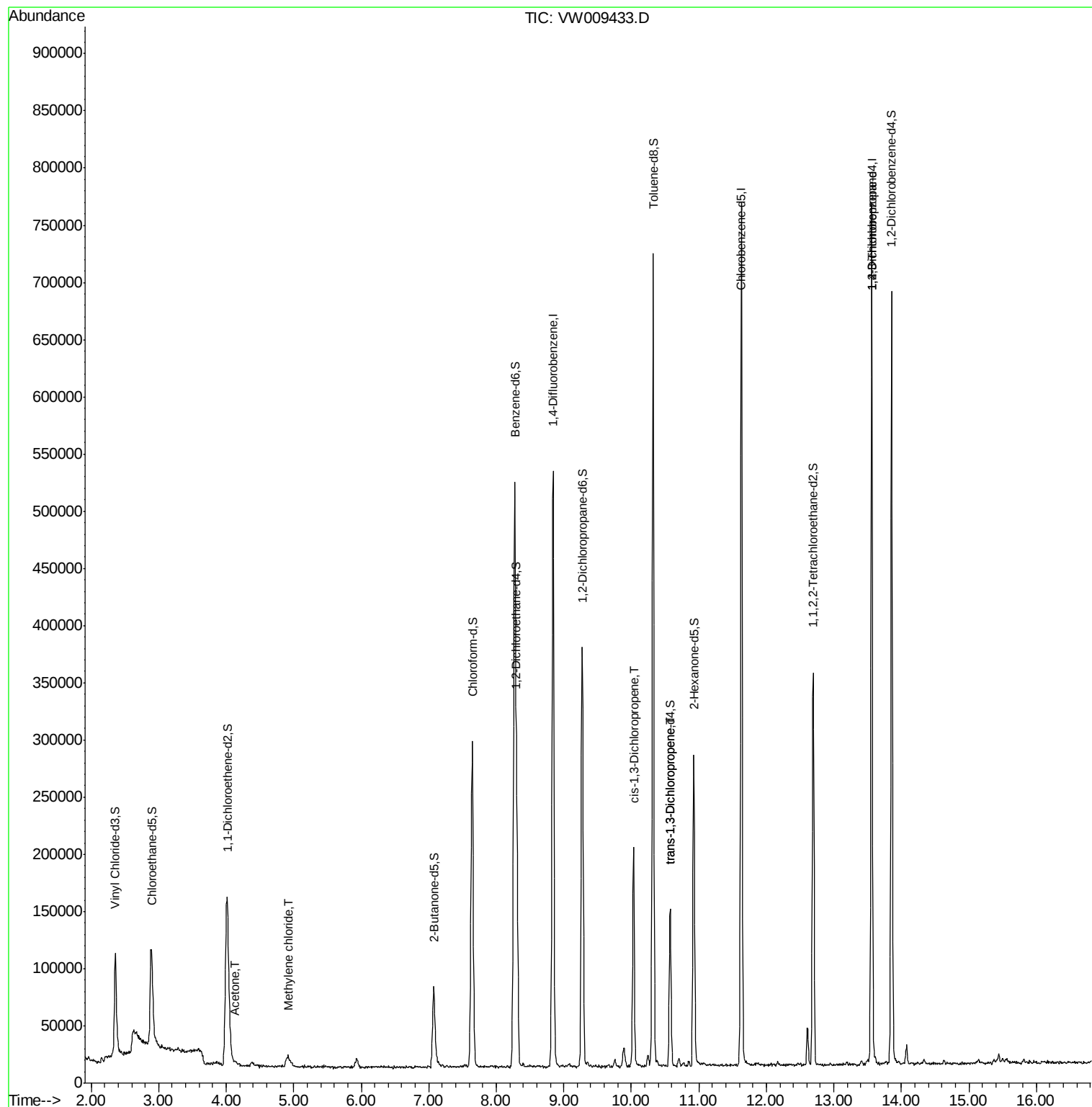
					Ovalue
13) Acetone	4.12	43	3068	1.845 ug/L	70
16) Methylene chloride	4.92	84	7020	1.173 ug/L	79
42) cis-1,3-Dichloropropene	10.03	75	6110	0.678 ug/L	95
45) trans-1,3-Dichloropropene	10.57	75	4274	0.545 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	24350	5.511 ug/L	89

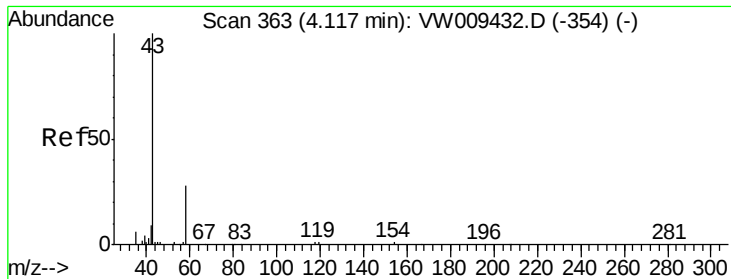
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.845 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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Acq: 25 Mar 2019 17:51

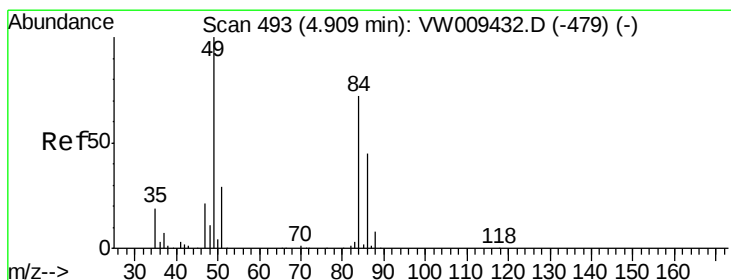
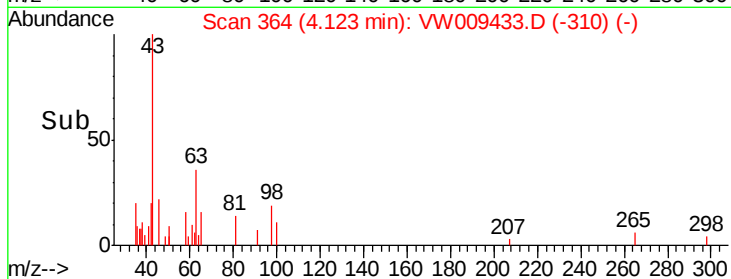
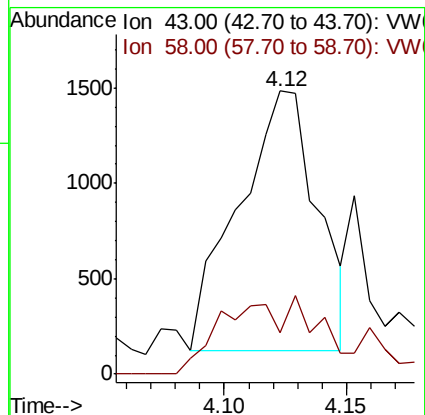
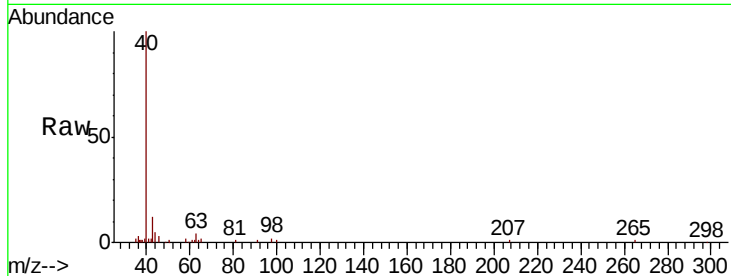
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 3068

Ion Ratio Lower Upper

43 100

58 12.4 0.0 56.2



#16

Methylene chloride

Concen: 1.173 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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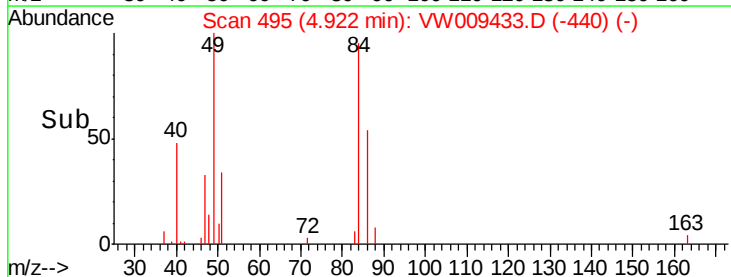
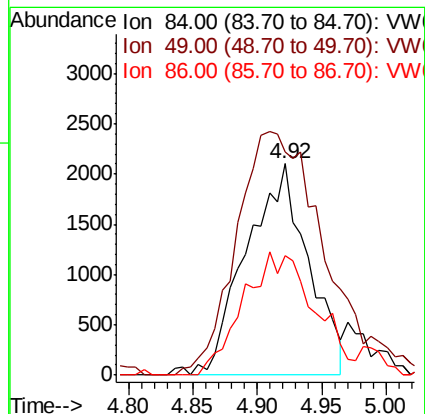
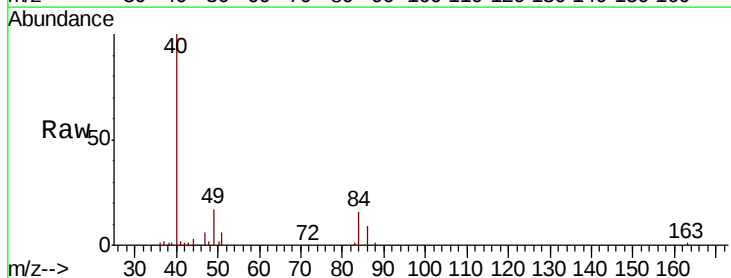
Tgt Ion: 84 Resp: 7020

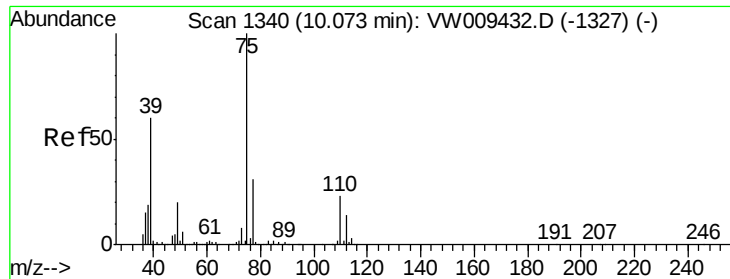
Ion Ratio Lower Upper

84 100

49 105.4 96.0 178.2

86 56.7 44.4 82.5





#42

cis-1,3-Dichloropropene

Concen: 0.678 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

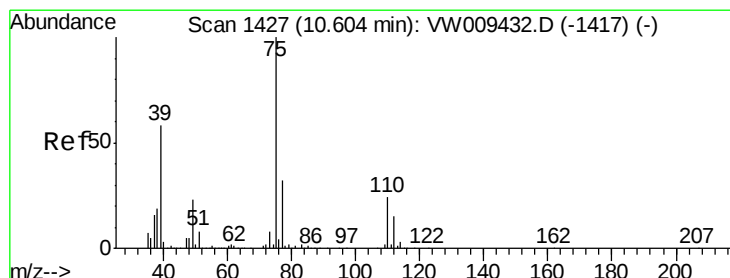
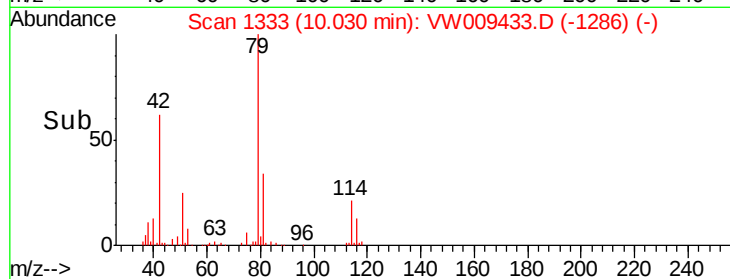
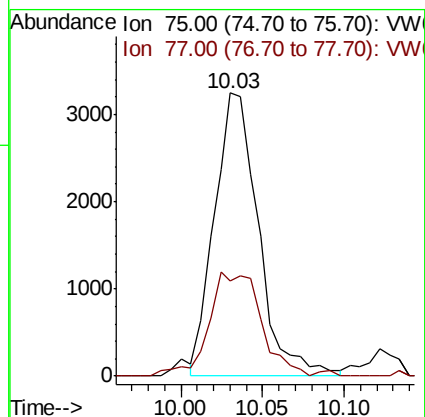
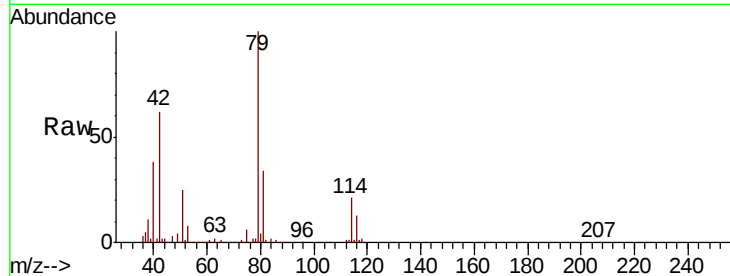
ClientSampled :

Tot Ion: 75 Resp: 6110

Ion Ratio Lower Upper

75 100

77 33.6 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009433.D

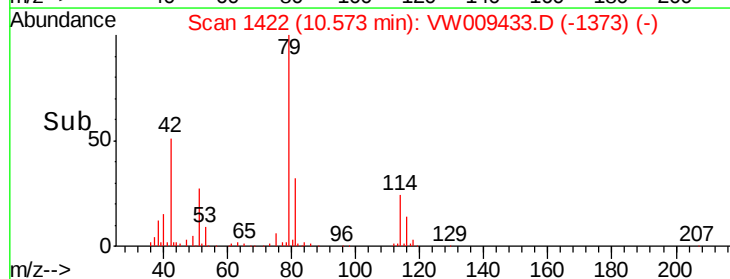
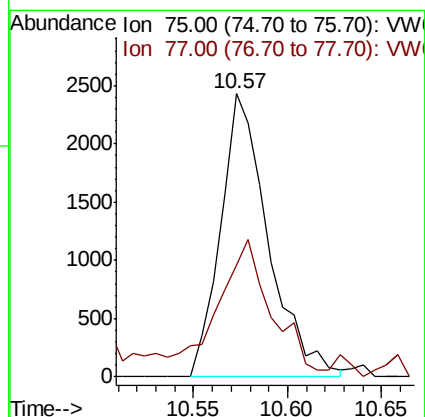
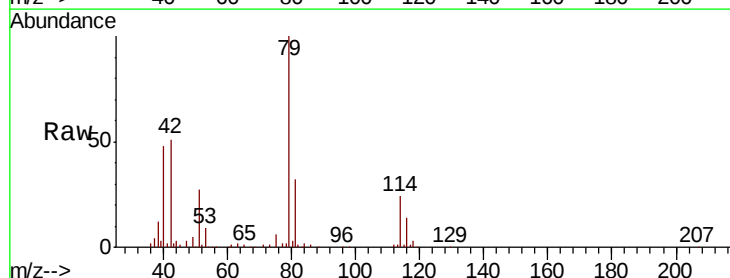
Acq: 25 Mar 2019 17:51

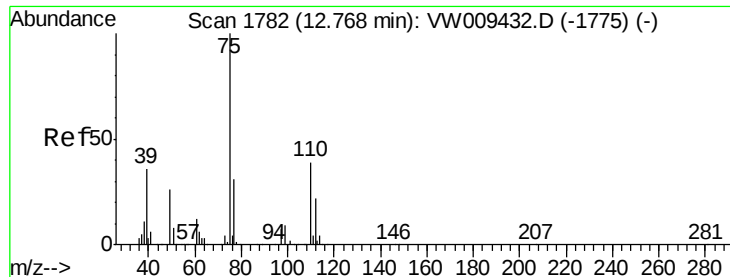
Tgt Ion: 75 Resp: 4274

Ion Ratio Lower Upper

75 100

77 39.4 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 5.511 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009433.D

Acq: 25 Mar 2019 17:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 24350

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

