

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010063.D
 Acq On : 19 Apr 2019 13:24
 Operator : SY/VA
 Sample : K2455-13
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:53:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477042	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	476554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	239255	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127544	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.16%
7) Chloroethane-d5	2.89	69	111193	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.40%
10) 1,1-Dichloroethene-d2	4.01	63	270357	21.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.48%
20) 2-Butanone-d5	7.07	46	120637	49.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.94%
24) Chloroform-d	7.65	84	367684	26.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	8.31	65	220628	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.12%
29) Benzene-d6	8.27	84	699799	26.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.88%
33) 1,2-Dichloropropane-d6	9.27	67	222605	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.72%
37) Toluene-d8	10.32	98	625570	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.72%
38) trans-1,3-Dichloropropene-	10.58	79	93502	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.56%
39) 2-Hexanone-d5	10.93	63	87897	47.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.10%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	188031	24.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	235226	26.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.60%

Target Compounds

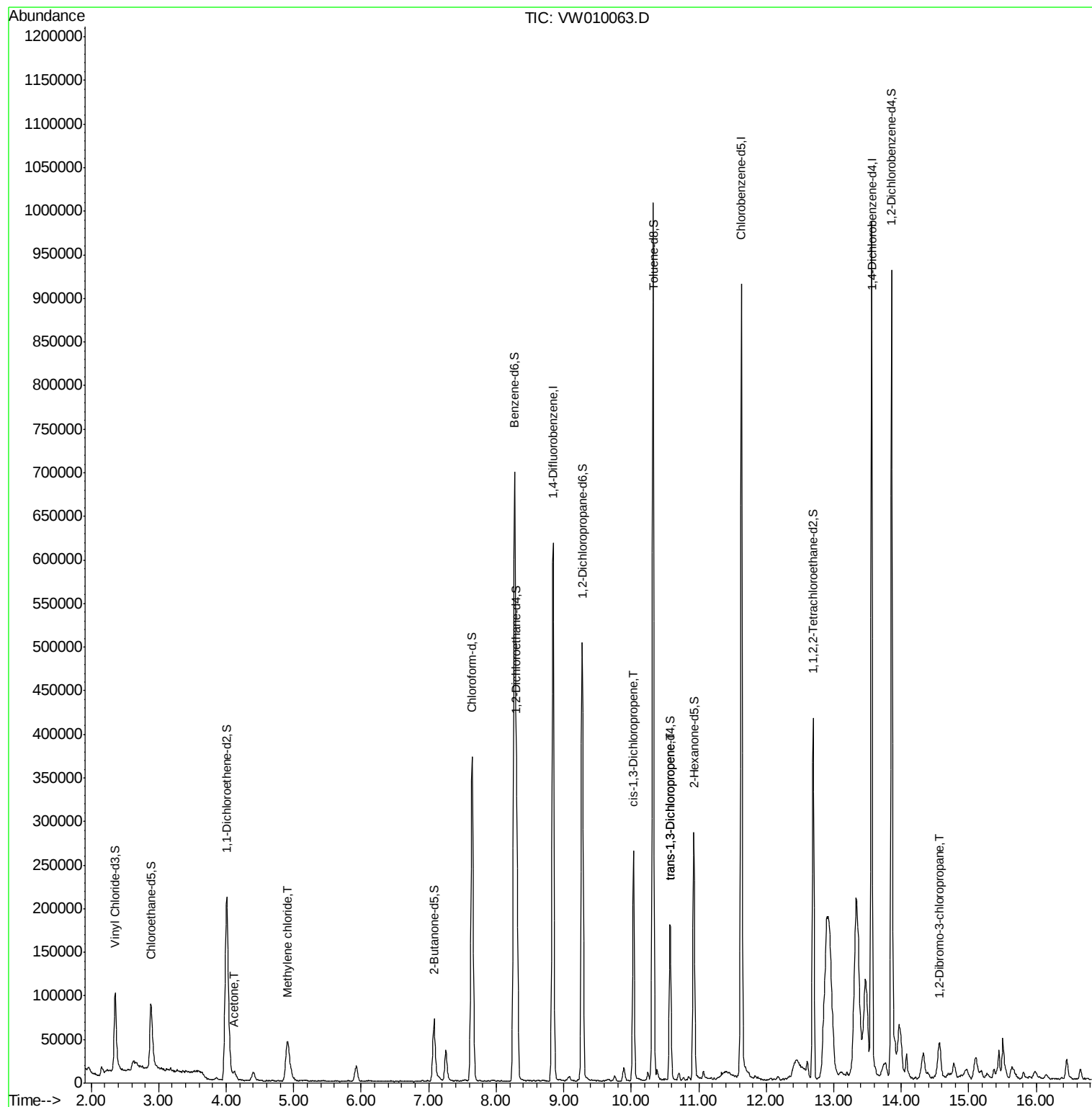
					Ovalue
13) Acetone	4.12	43	13831	6.378 ug/L	76
16) Methylene chloride	4.90	84	43562	5.043 ug/L	85
42) cis-1,3-Dichloropropene	10.04	75	6758	0.590 ug/L #	66
45) trans-1,3-Dichloropropene	10.57	75	4962	0.491 ug/L	90
66) 1,2-Dibromo-3-chloropropan	14.57	75	1838	1.281 ug/L #	8

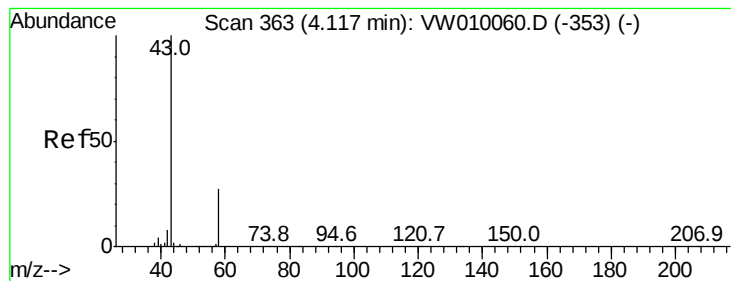
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 20 03:50:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.378 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW010063.D

Acq: 19 Apr 2019 13:24

Instrument :

MSVOA_W

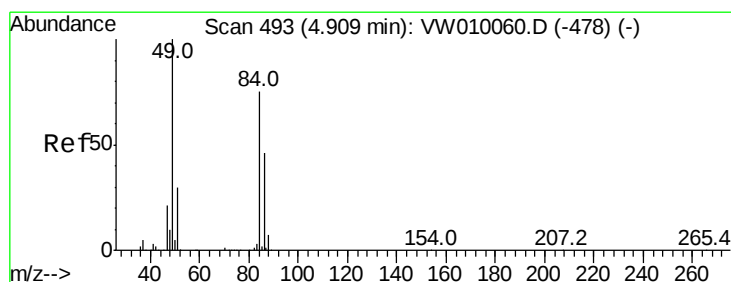
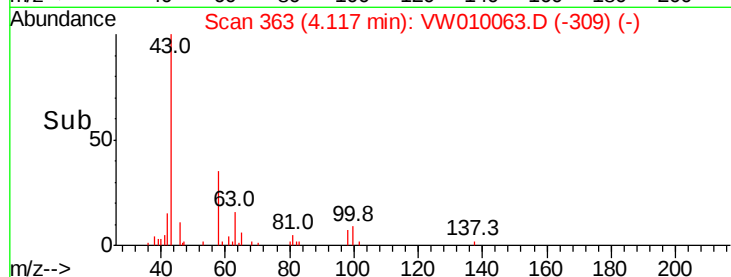
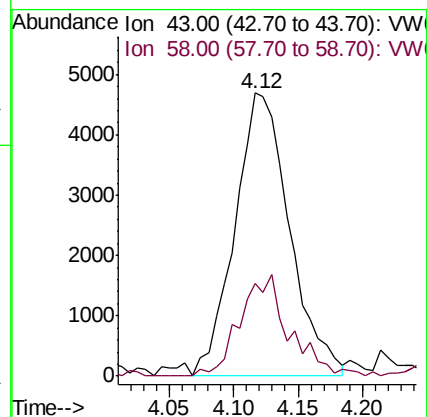
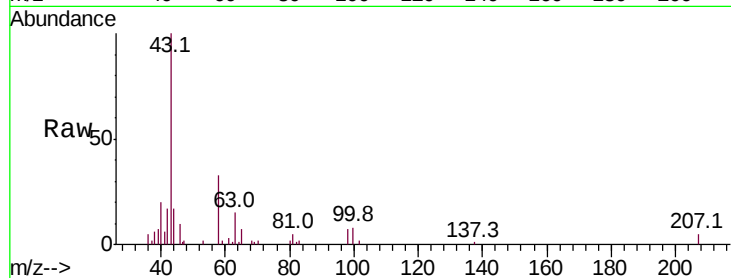
ClientSampled :

Tot Ion: 43 Resp: 13831

Ion Ratio Lower Upper

43 100

58 15.3 0.0 56.2



#16

Methylene chloride

Concen: 5.043 ug/L

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW010063.D

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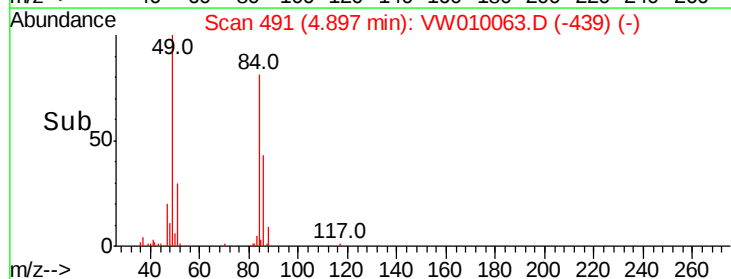
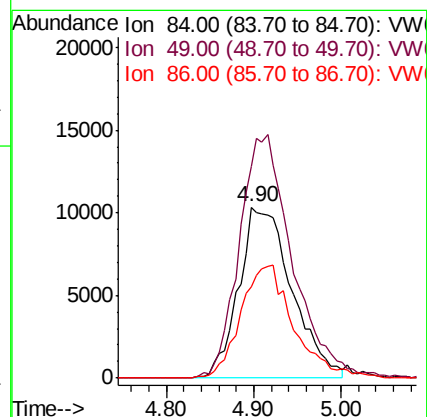
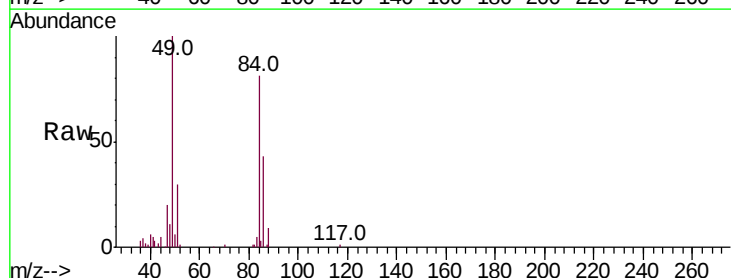
Tgt Ion: 84 Resp: 43562

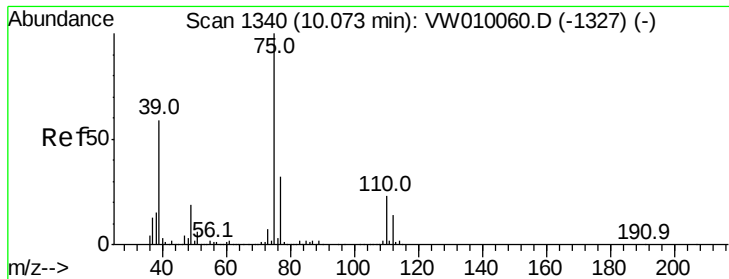
Ion Ratio Lower Upper

84 100

49 123.7 100.7 187.1

86 53.7 43.8 81.3





#42

cis-1,3-Dichloropropene

Concen: 0.590 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

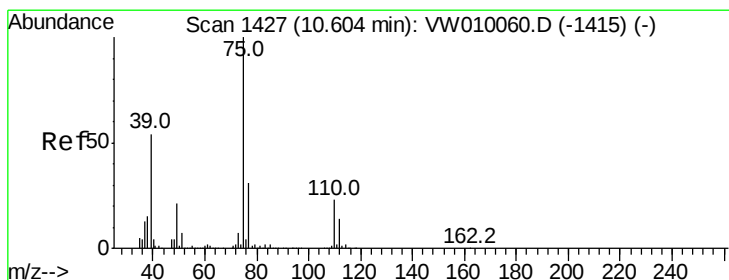
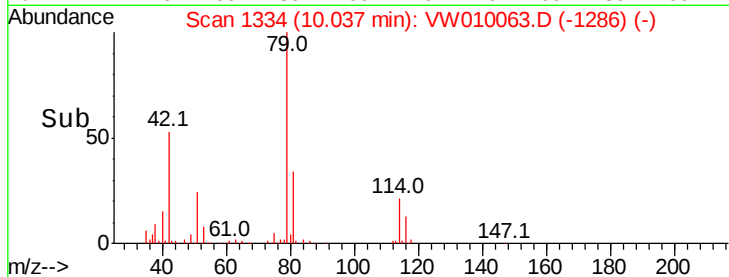
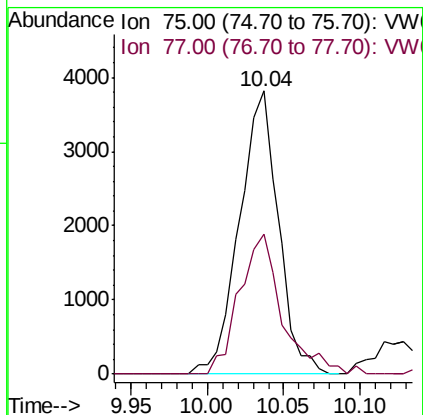
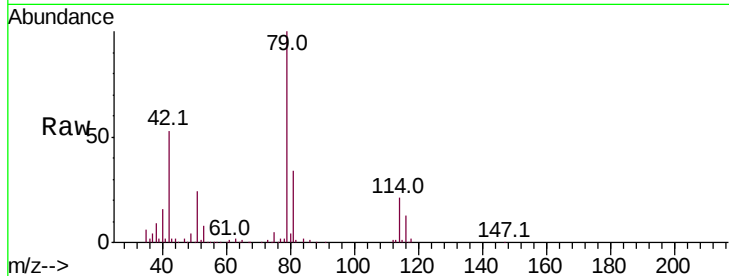
ClientSampleId :

Tot Ion: 75 Resp: 6758

Ion Ratio Lower Upper

75 100

77 49.6 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.491 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW010063.D

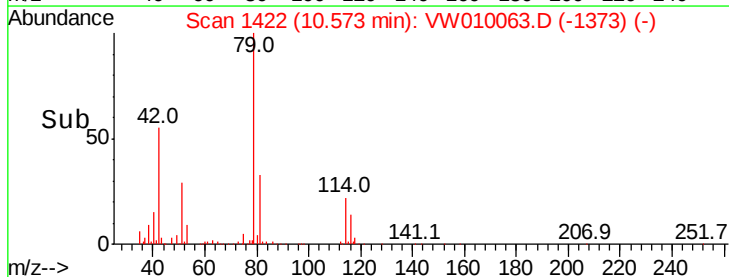
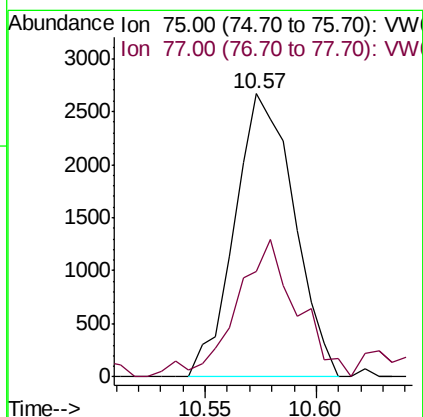
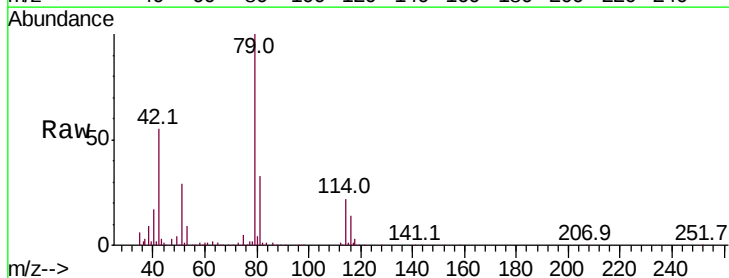
Acq: 19 Apr 2019 13:24

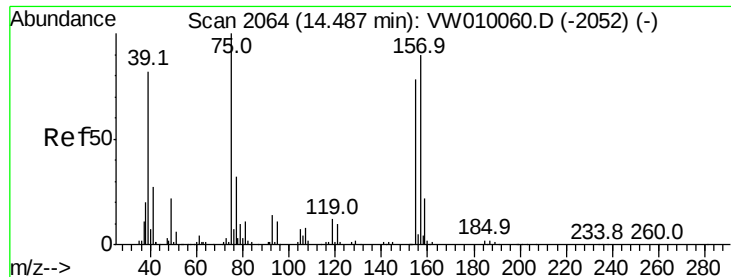
Tgt Ion: 75 Resp: 4962

Ion Ratio Lower Upper

75 100

77 37.3 22.0 41.0





#66

1,2-Dibromo-3-chloropropane

Concen: 1.281 ug/L

RT: 14.57 min Scan# 2077

Delta R.T. 0.08 min

Lab File: VW010063.D

Acq: 19 Apr 2019 13:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 1838

Ion Ratio Lower Upper

75 100

157 0.0 73.3 109.9#

155 0.0 58.6 88.0#

