

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\
 Data File : VW014632.D
 Acq On : 14 Jan 2020 14:54
 Operator : SY/VA
 Sample : L1109-06
 Misc : 5.06G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 15 01:51:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 01:48:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1151829	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1045134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	502642	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	370896	22.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.36%
7) Chloroethane-d5	2.89	69	297072	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.25	63	132	0.00	ug/L	0.23
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.07	46	159107	41.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.36%
24) Chloroform-d	7.65	84	655777	24.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	8.47	65	79	0.01	ug/L	0.17
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1439690	25.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.60%
33) 1,2-Dichloropropane-d6	9.27	67	433372	25.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.72%
37) Toluene-d8	10.32	98	1294852	25.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.80%
38) trans-1,3-Dichloropropene-	10.57	79	168809	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.92	63	122983	43.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.08%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	297618	23.72	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	444519	26.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.36%

Target Compounds

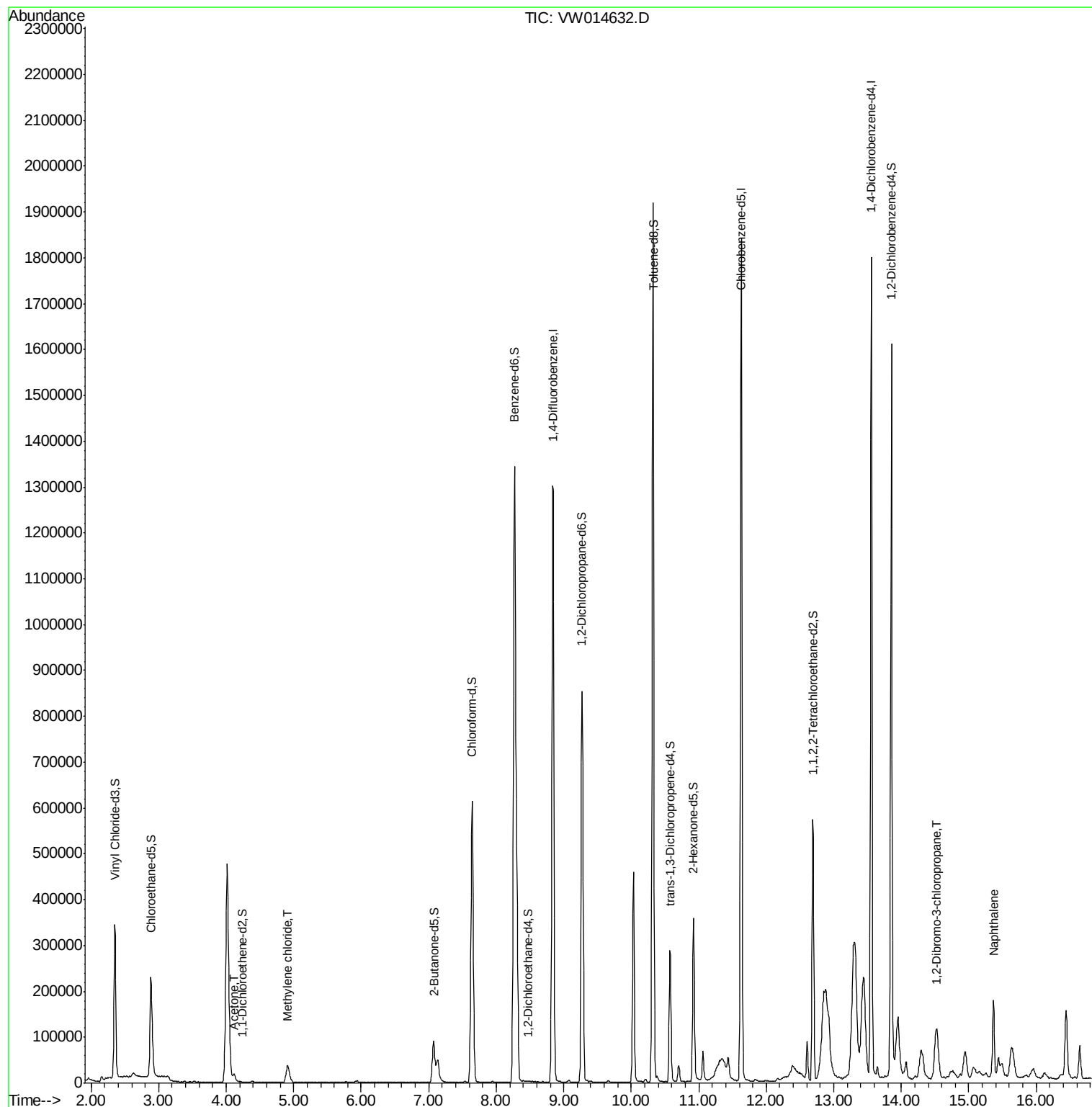
					Ovalue
13) Acetone	4.12	43	25881	4.838 ug/L	96
16) Methylene chloride	4.92	84	32523	1.732 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.52	75	9428	4.463 ug/L #	10
69) Naphthalene	15.36	128	147832	4.846 ug/L	99

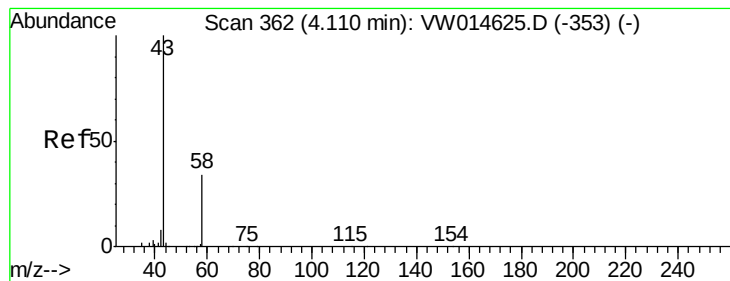
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 15 01:48:42 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.838 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014632.D

Acq: 14 Jan 2020 14:54

Instrument :

MSVOA_W

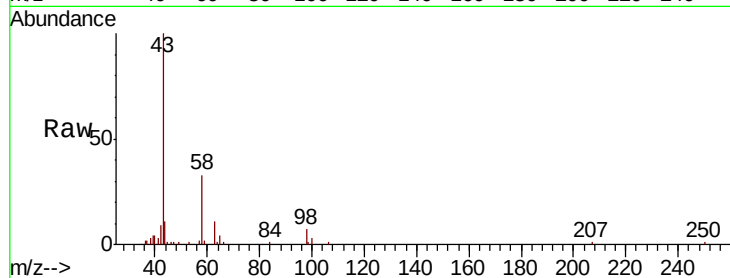
ClientSampled :

Tot Ion: 43 Resp: 25881

Ion Ratio Lower Upper

43 100

58 34.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

8000

6000

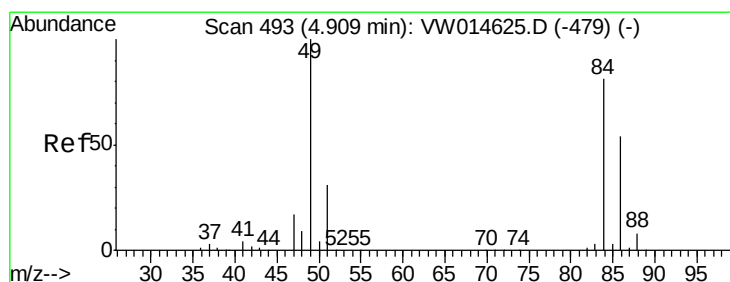
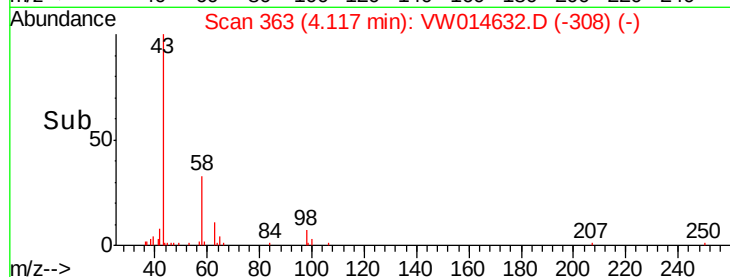
4000

2000

0

Time-->

4.00 4.05 4.10 4.15 4.20



#16

Methylene chloride

Concen: 1.732 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014632.D

Acq: 14 Jan 2020 14:54

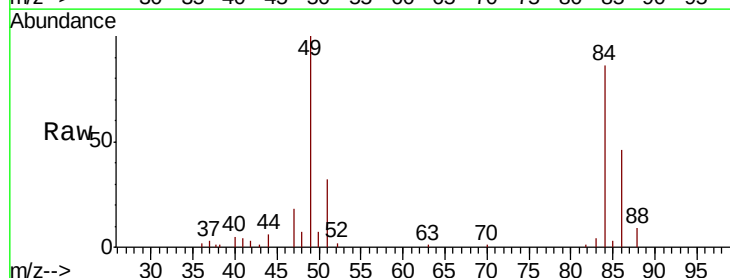
Tgt Ion: 84 Resp: 32523

Ion Ratio Lower Upper

84 100

49 115.8 85.8 159.4

86 53.5 44.5 82.7



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

15000

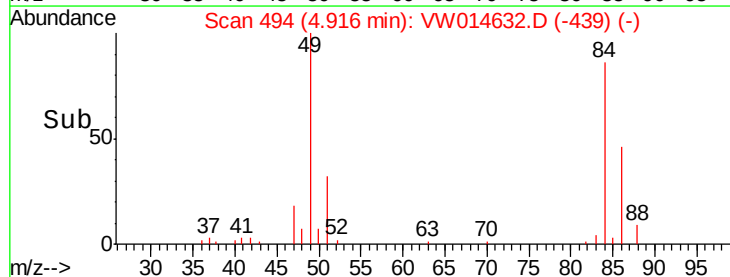
10000

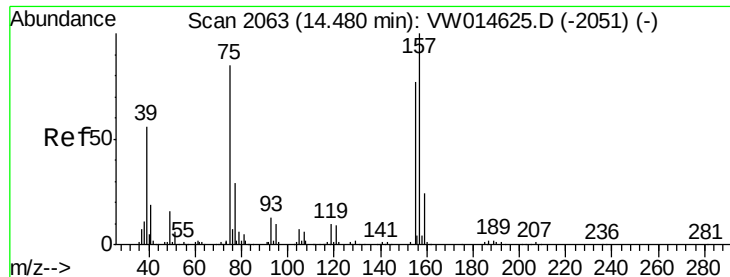
5000

0

Time-->

4.80 4.90 5.00

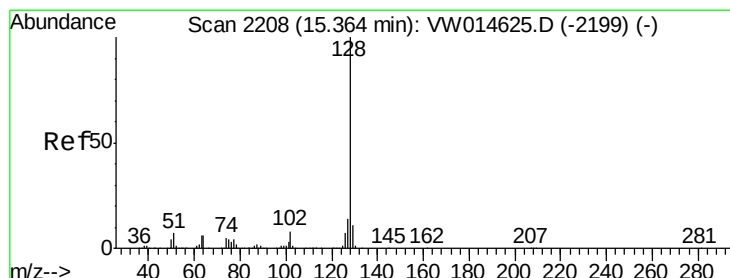
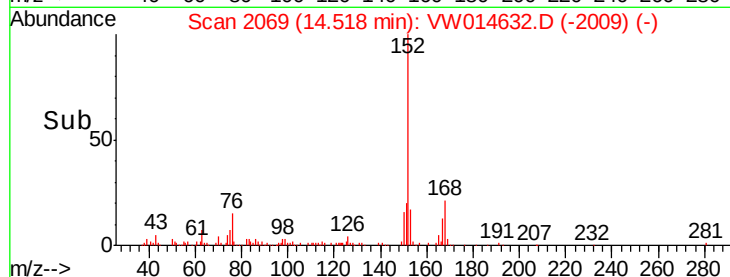
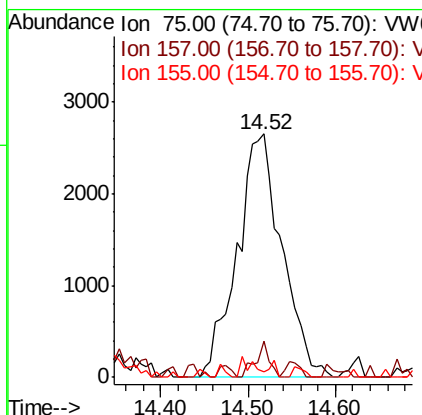
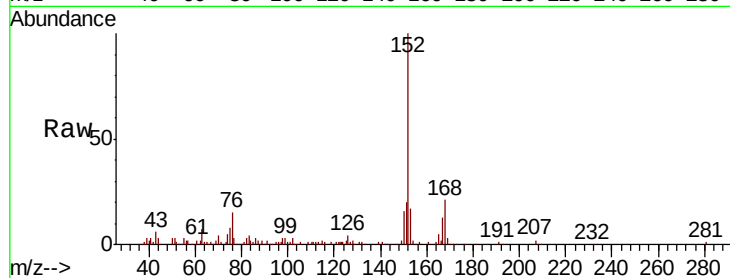




#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.463 ug/L
 RT: 14.52 min Scan# 2069
 Delta R.T. 0.04 min
 Lab File: VW014632.D
 Acq: 14 Jan 2020 14:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 9428
 Ion Ratio Lower Upper
 75 100
 157 15.0 87.2 130.8#
 155 2.1 67.8 101.8#



#69
 Naphthalene
 Concen: 4.846 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014632.D
 Acq: 14 Jan 2020 14:54

Tgt Ion: 128 Resp: 147832
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.8 13.2
 127 13.8 10.6 16.0

