

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015542.D
 Acq On : 05 Jun 2020 15:35
 Operator : SY/VA
 Sample : L2933-01
 Misc : 5.31G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AH2

Quant Time: Jun 06 04:10:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 04:08:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393776	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353960	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160744	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138068	38.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	153.04%#
7) Chloroethane-d5	2.89	69	104683	29.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.68%
10) 1,1-Dichloroethene-d2	4.01	63	198211	22.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.16%
20) 2-Butanone-d5	7.08	46	48832	41.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.90%
24) Chloroform-d	7.65	84	232828	25.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.28%
26) 1,2-Dichloroethane-d4	8.31	65	125728	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.28%
29) Benzene-d6	8.27	84	480005	27.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.60%
33) 1,2-Dichloropropane-d6	9.27	67	134894	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.28%
37) Toluene-d8	10.32	98	445241	26.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.52%
38) trans-1,3-Dichloropropene-	10.58	79	57657	23.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.52%
39) 2-Hexanone-d5	10.93	63	37504	41.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85288	21.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	138147	25.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.60%

Target Compounds

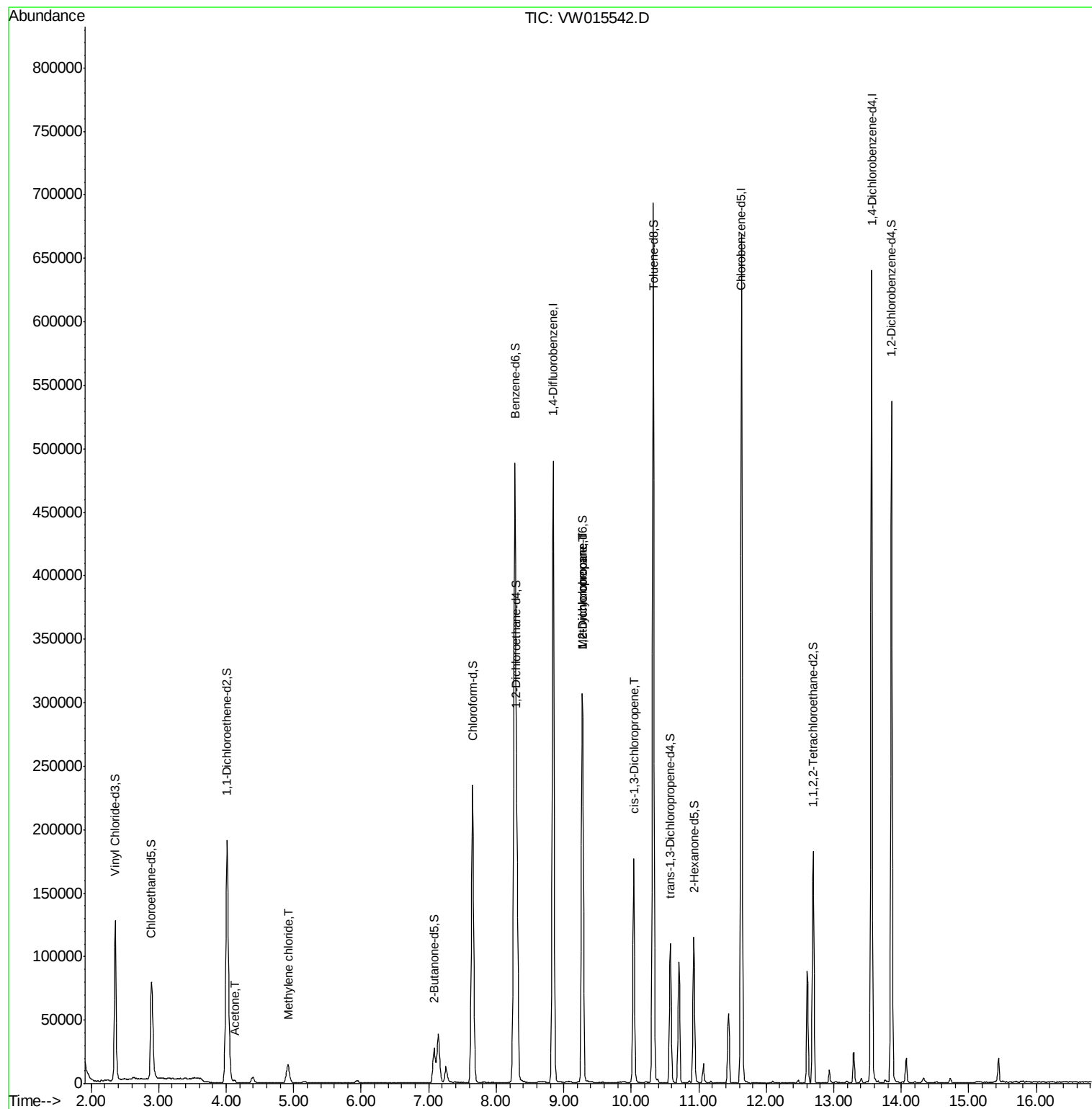
					Ovalue
13) Acetone	4.12	43	2750	3.019 ug/L	76
16) Methylene chloride	4.92	84	10938	2.263 ug/L	95
36) Methylcyclohexane	9.27	83	33967	3.582 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	16414	3.367 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4682	0.600 ug/L #	77

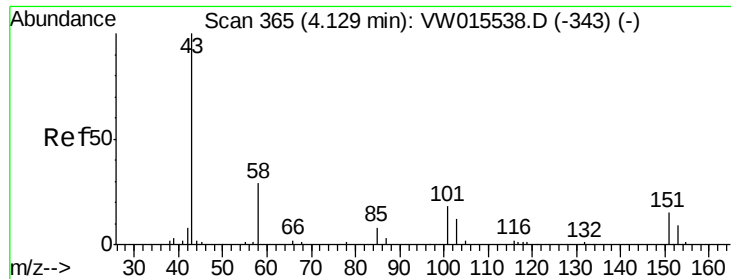
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 06 04:08:46 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.019 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015542.D

Acq: 05 Jun 2020 15:35

Instrument :

MSVOA_W

ClientSampled :

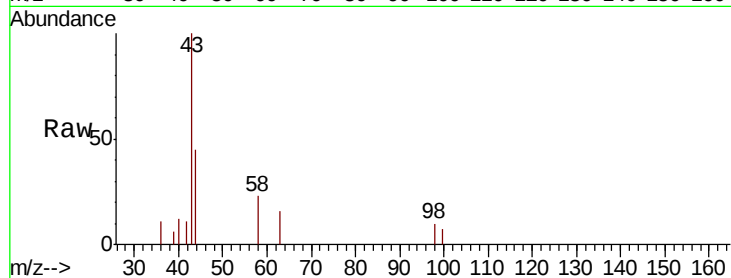
C0AH2

Tot Ion: 43 Resp: 2750

Ion Ratio Lower Upper

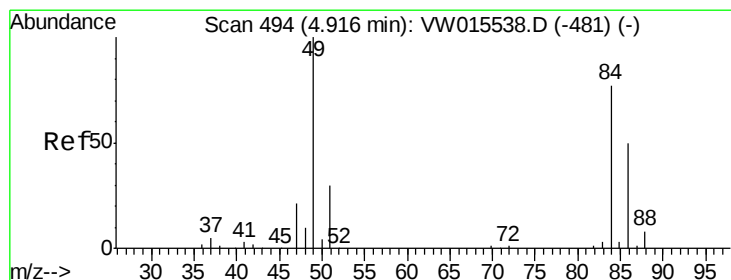
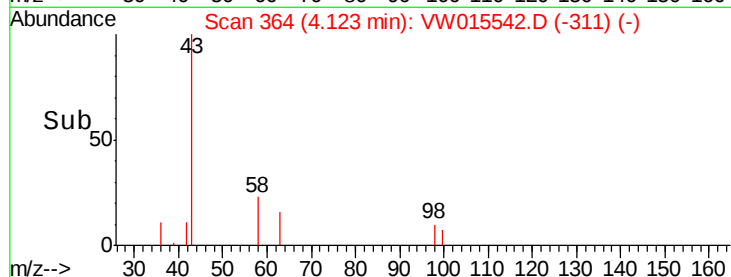
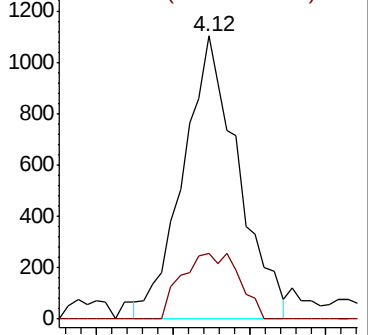
43 100

58 15.9 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.263 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

Lab File: VW015542.D

Acq: 05 Jun 2020 15:35

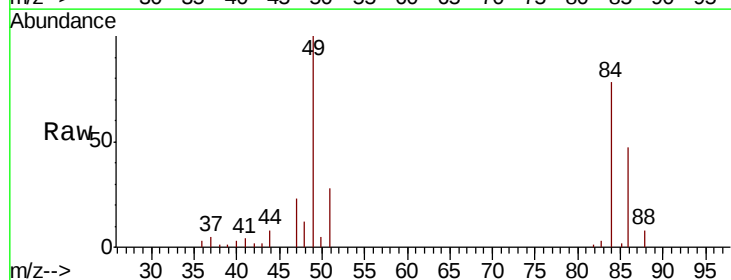
Tgt Ion: 84 Resp: 10938

Ion Ratio Lower Upper

84 100

49 127.6 93.0 172.8

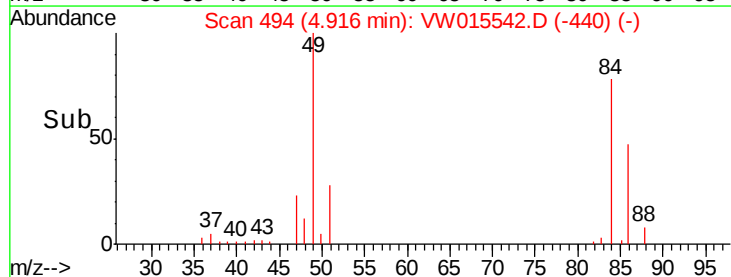
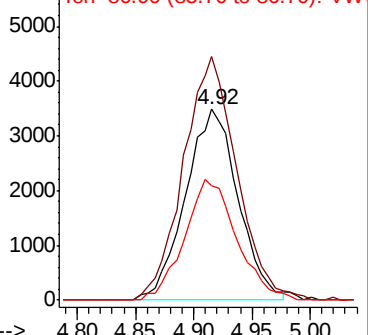
86 60.2 44.7 83.1

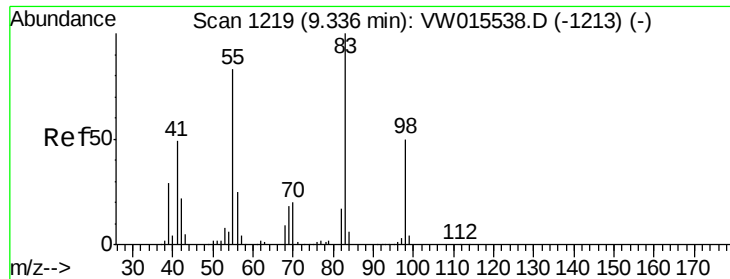


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

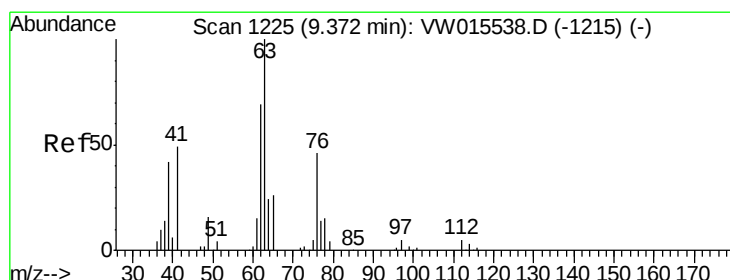
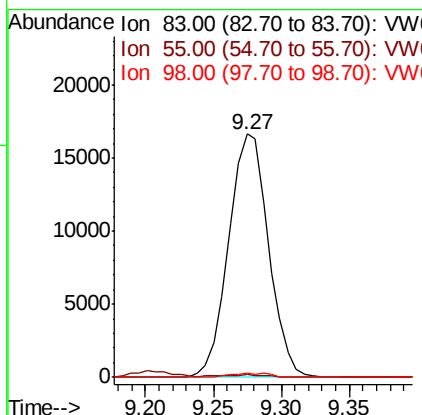
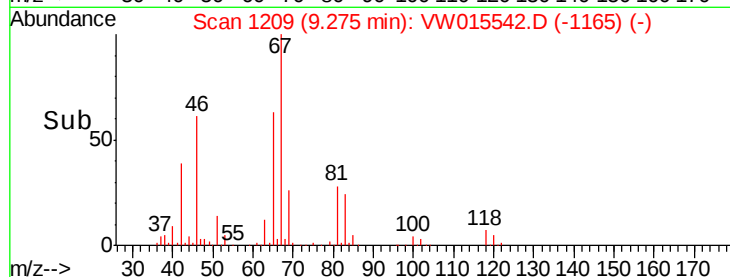
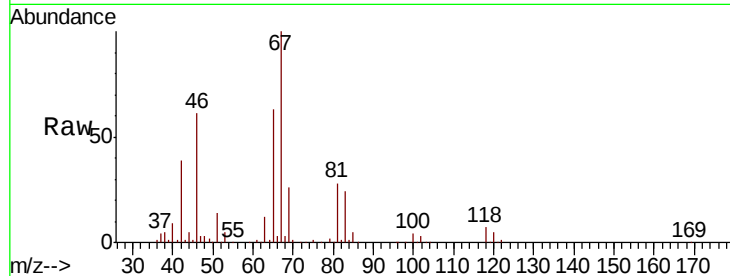




#36
Methvlcvclohexane
Concen: 3.582 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015542.D
Acq: 05 Jun 2020 15:35

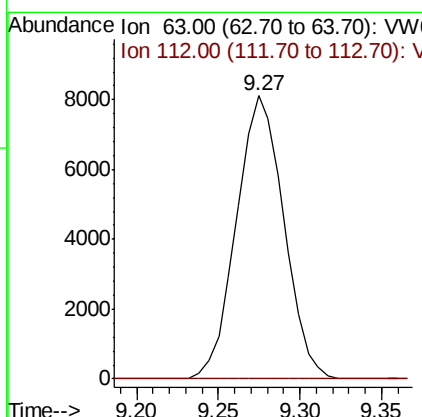
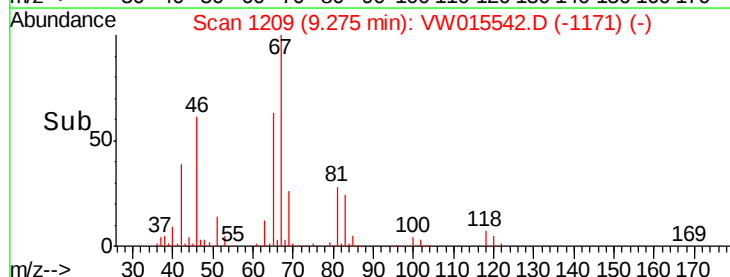
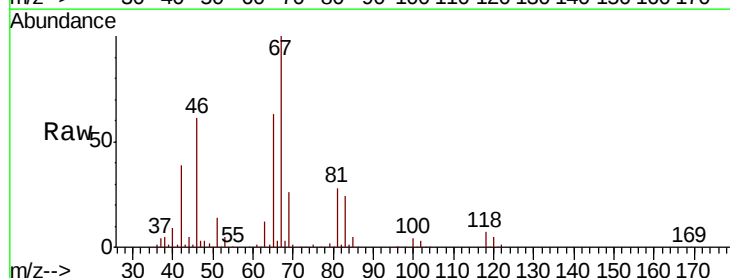
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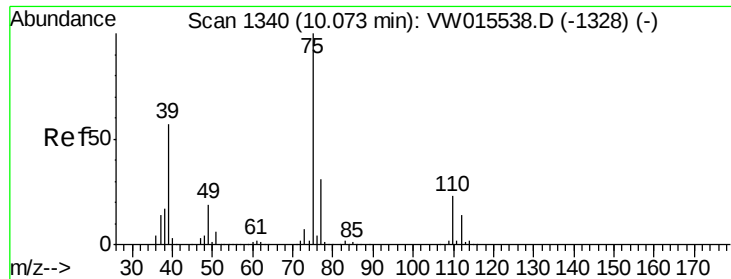
Tot Ion: 83 Resp: 33967
Ion Ratio Lower Upper
83 100
55 0.7 62.8 94.2#
98 1.7 39.2 58.8#



#40
1,2-Dichloropropane
Concen: 3.367 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015542.D
Acq: 05 Jun 2020 15:35

Tgt Ion: 63 Resp: 16414
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015542.D

Acq: 05 Jun 2020 15:35

Instrument :

MSVOA_W

ClientSampleId :

C0AH2

Tot Ion: 75 Resp: 4682

Ion Ratio Lower Upper

75 100

77 44.5 22.3 41.5#

