

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015487.D
 Acq On : 26 May 2020 21:33
 Operator : SY/VA
 Sample : L2754-08
 Misc : 4.07G/10.0mL/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 27 01:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 27 01:05:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323726	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	296738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	130471	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82315	27.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.00%
7) Chloroethane-d5	2.89	69	79469	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.76%
10) 1,1-Dichloroethene-d2	4.01	63	127996	17.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.84%
20) 2-Butanone-d5	7.08	46	57695	59.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.14%
24) Chloroform-d	7.65	84	187070	24.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.96%
26) 1,2-Dichloroethane-d4	8.31	65	115061	27.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.52%
29) Benzene-d6	8.27	84	370061	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.27	67	114621	25.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.68%
37) Toluene-d8	10.32	98	351938	24.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.48%
38) trans-1,3-Dichloropropene-	10.58	79	50494	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.72%
39) 2-Hexanone-d5	10.93	63	49005	64.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	93106	27.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	110341	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

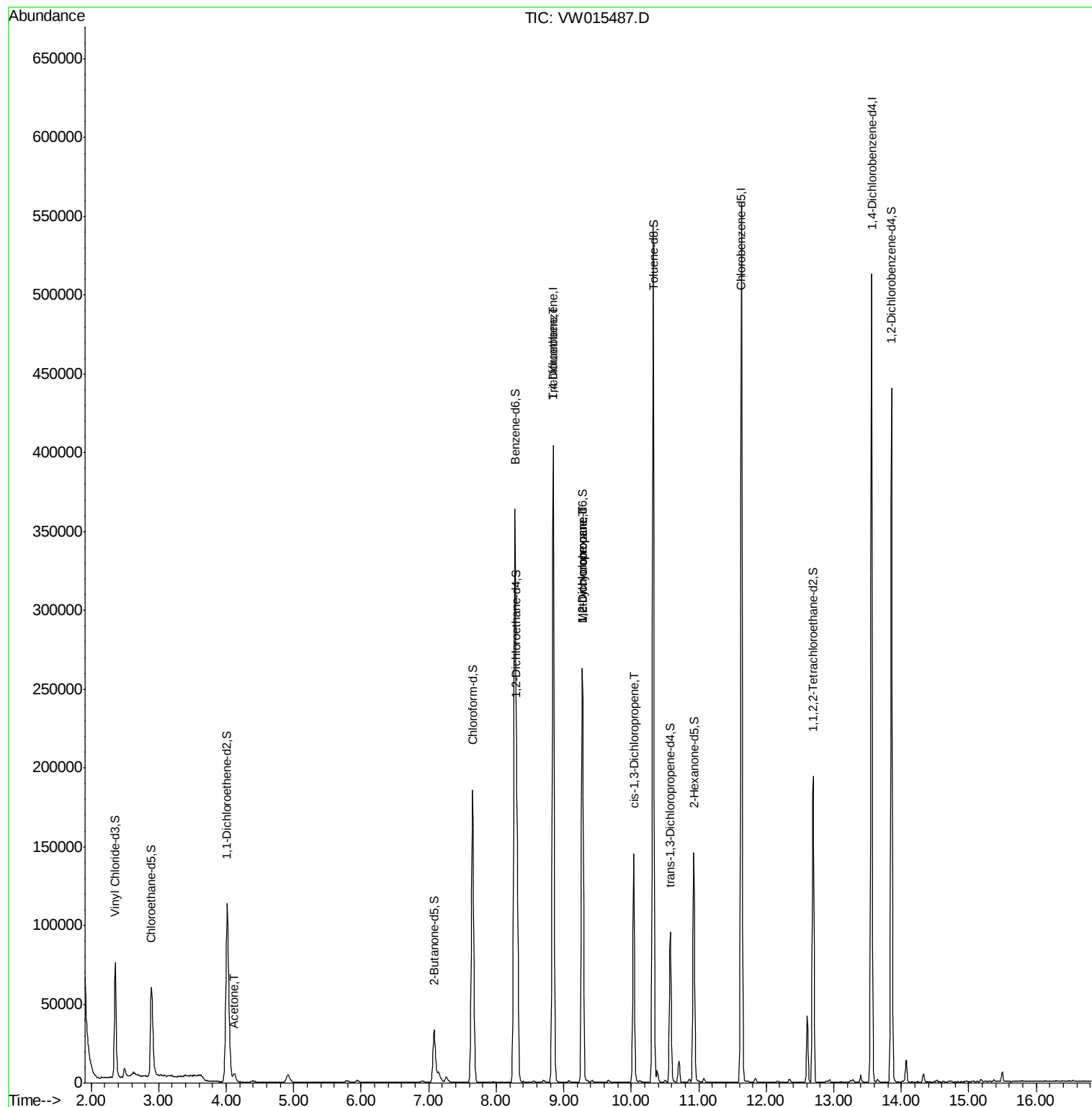
					Ovalue
13) Acetone	4.12	43	8618	11.510 ug/L	99
35) Trichloroethene	8.84	95	10143	2.275 ug/L #	5
36) Methylcyclohexane	9.27	83	28738	3.615 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14212	3.478 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3771	0.577 ug/L	84

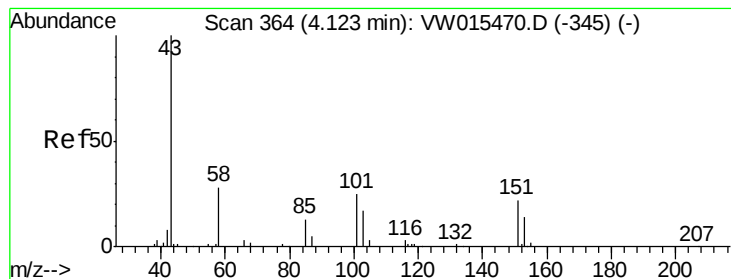
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 27 01:05:50 2020
Response via : Initial Calibration





#13

Acetone

Concen: 11.510 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015487.D

Acq: 26 May 2020 21:33

Instrument :

MSVOA_W

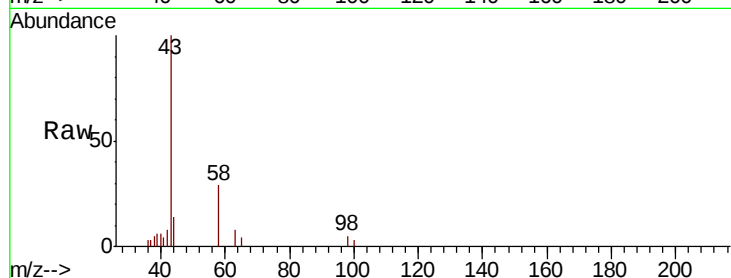
ClientSampleId :

Tot Ion: 43 Resp: 8618

Ion Ratio Lower Upper

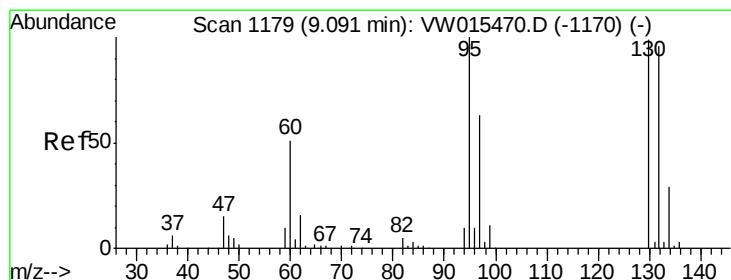
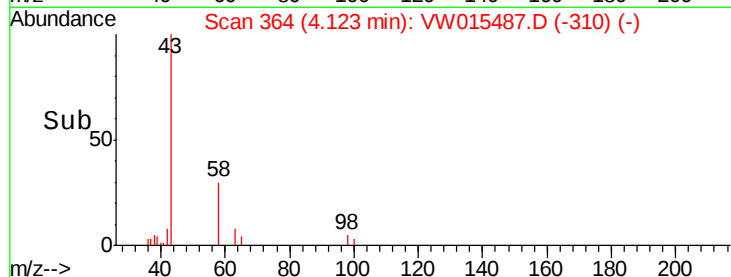
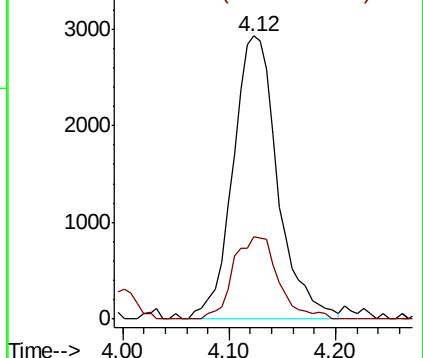
43 100

58 28.8 0.0 56.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.275 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015487.D

Acq: 26 May 2020 21:33

Tgt Ion: 95 Resp: 10143

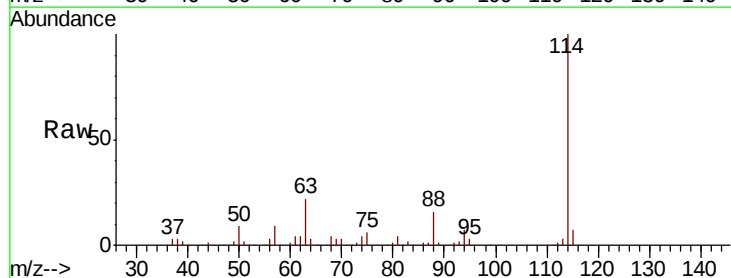
Ion Ratio Lower Upper

95 100

97 0.0 45.4 84.2#

132 0.0 67.1 124.7#

130 0.0 69.4 128.8#

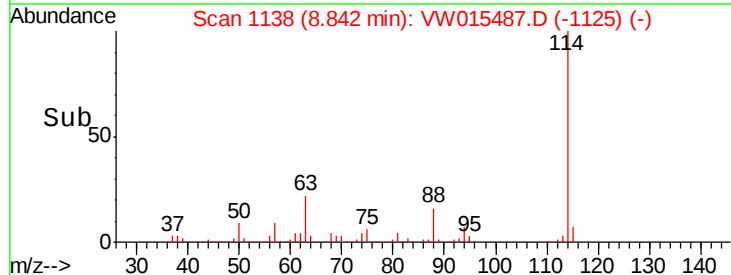
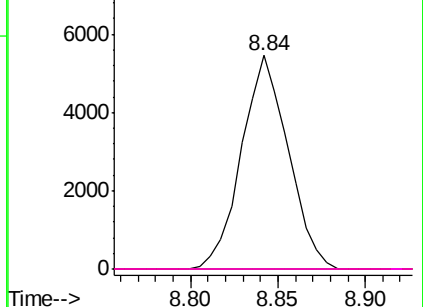


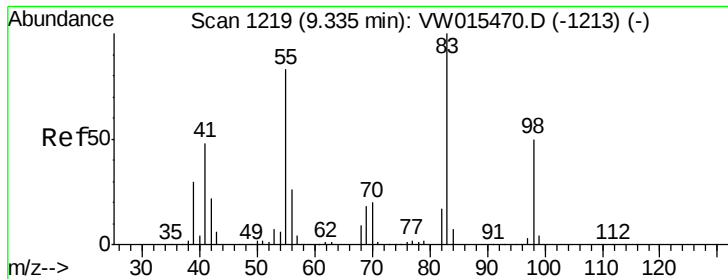
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

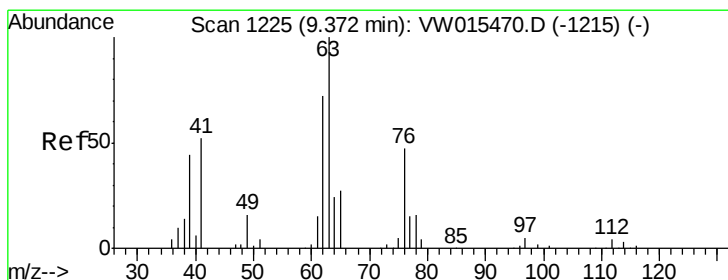
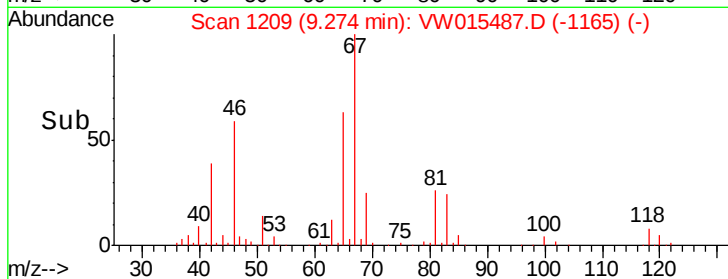
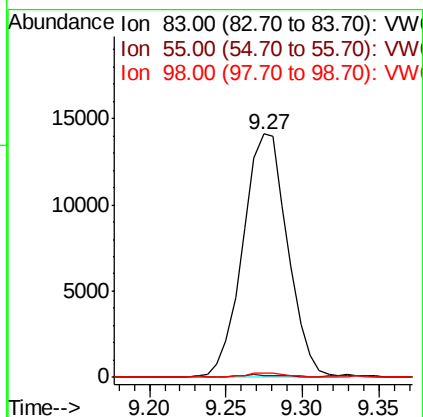
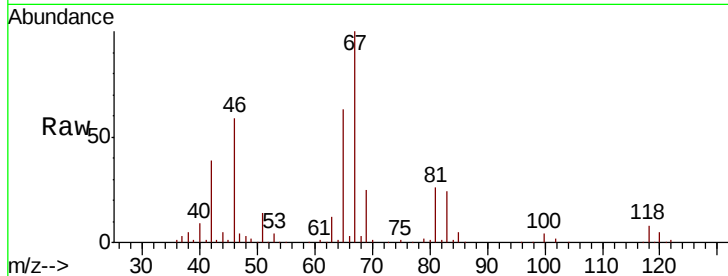




#36
Methylcyclohexane
Concen: 3.615 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW015487.D
Acq: 26 May 2020 21:33

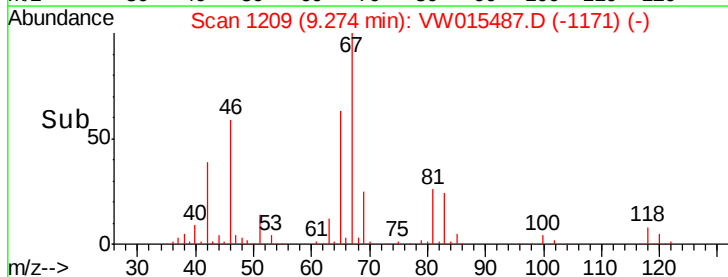
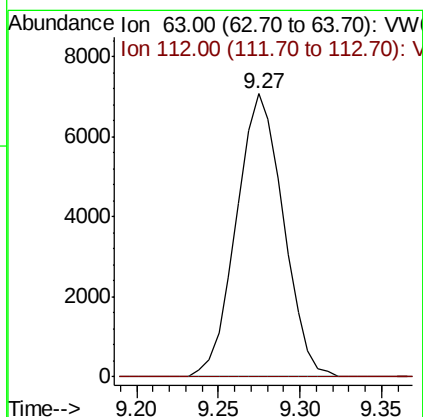
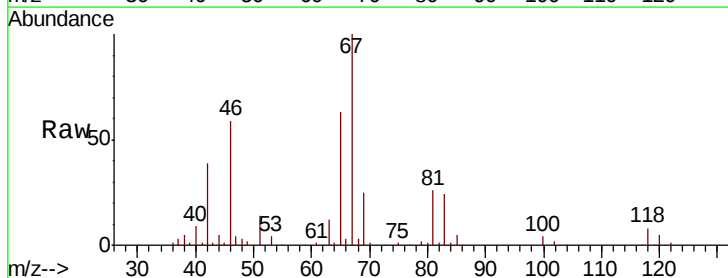
Instrument :
MSVOA_W
ClientSampled :

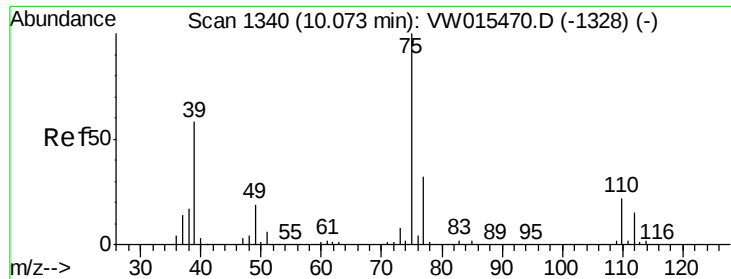
Tot Ion	83	Resp	28738
Ion Ratio	100	Lower	Upper
55	0.9	62.8	94.2#
98	1.6	39.2	58.8#



#40
1,2-Dichloropropane
Concen: 3.478 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW015487.D
Acq: 26 May 2020 21:33

Tgt Ion	63	Resp	14212
Ion Ratio	100	Lower	Upper
112	0.0	3.8	5.8#





#42

cis-1,3-Dichloropropene

Concen: 0.577 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015487.D

Acq: 26 May 2020 21:33

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 3771

Ion Ratio Lower Upper

75 100

77 40.9 22.3 41.5

