

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072420\
 Data File : VW015943.D
 Acq On : 24 Jul 2020 12:28
 Operator : SY/VA
 Sample : L3388-16RE
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 25 05:16:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 25 05:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	475549	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404994	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142594	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	148751	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
7) Chloroethane-d5	2.90	69	117829	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	4.01	63	221106	16.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.20%
20) 2-Butanone-d5	7.09	46	62837	35.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.30%
24) Chloroform-d	7.65	84	275607	20.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.56%
26) 1,2-Dichloroethane-d4	8.31	65	147542	20.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.48%
29) Benzene-d6	8.28	84	571966	23.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.80%
33) 1,2-Dichloropropane-d6	9.28	67	171551	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.84%
37) Toluene-d8	10.33	98	486161	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.08%
38) trans-1,3-Dichloropropene-	10.58	79	62874	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.84%
39) 2-Hexanone-d5	10.93	63	48335	39.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.56%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	111809	19.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	118814	21.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.48%

Target Compounds

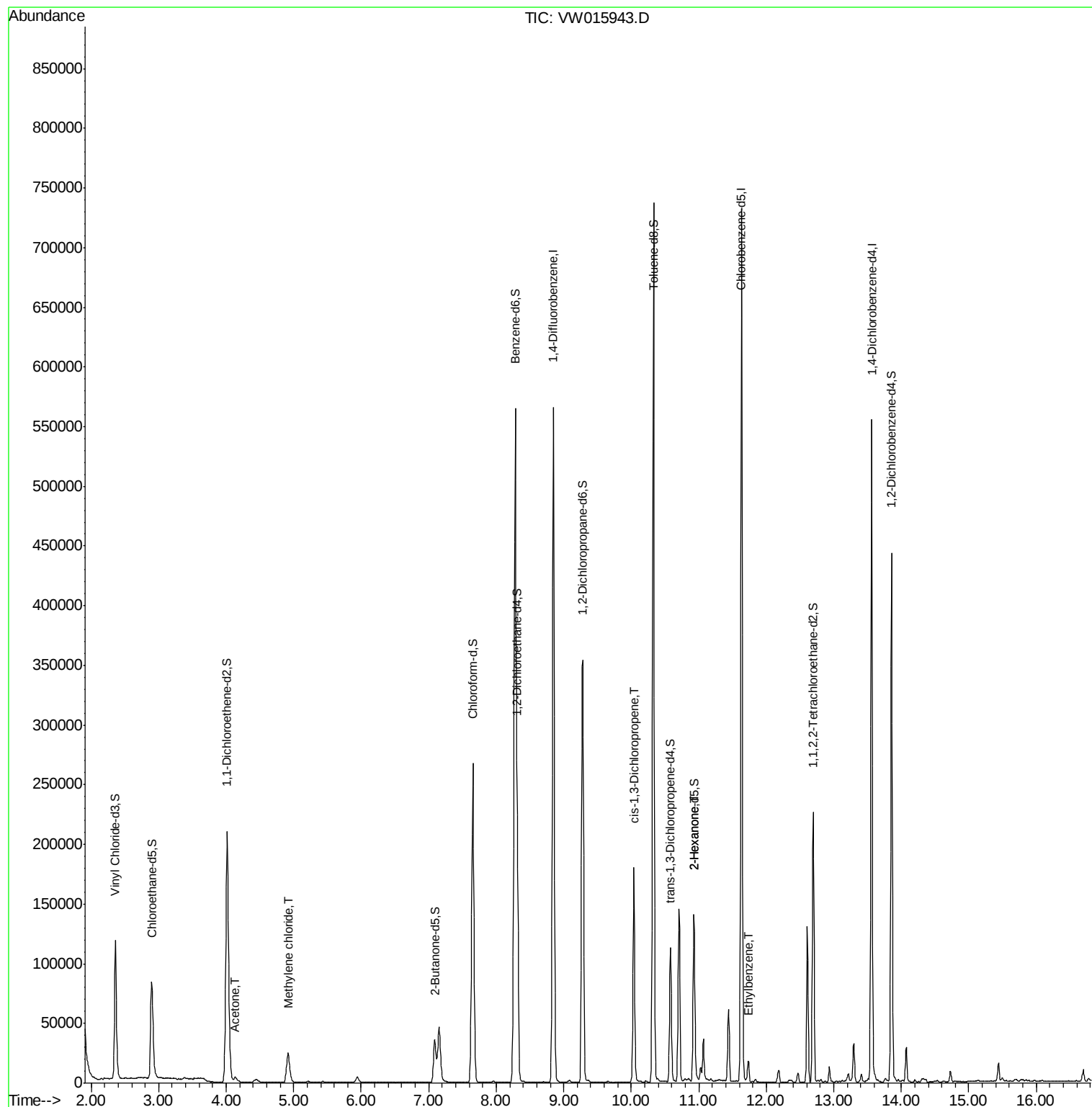
				Ovalue
13) Acetone	4.14	43	7322	4.946 ug/L 98
16) Methylene chloride	4.92	84	20032	2.571 ug/L 95
42) cis-1,3-Dichloropropene	10.04	75	4340	0.468 ug/L # 54
49) 2-Hexanone	10.93	43	6201	2.457 ug/L # 67
53) Ethylbenzene	11.73	91	12708	0.438 ug/L 89

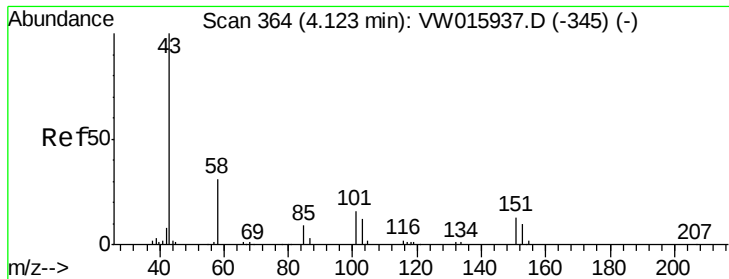
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 05:14:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.946 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015943.D

Acq: 24 Jul 2020 12:28

Instrument :

MSVOA_W

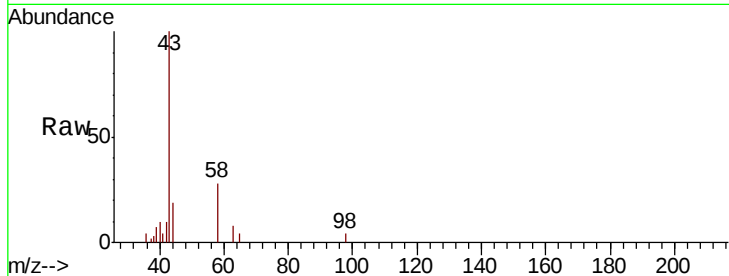
ClientSampled :

Tot Ion: 43 Resp: 7322

Ion Ratio Lower Upper

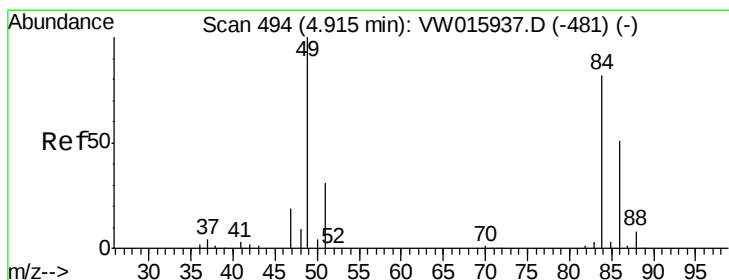
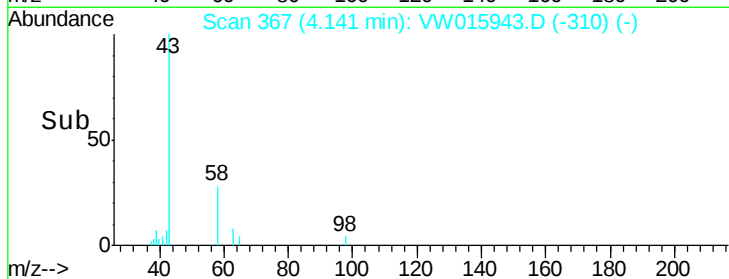
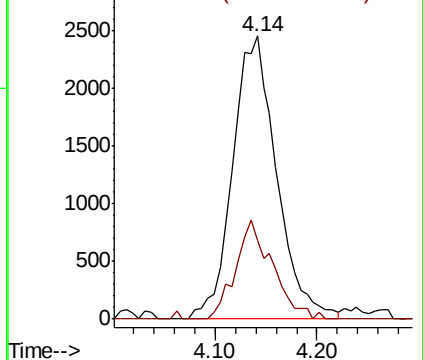
43 100

58 28.2 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.571 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015943.D

Acq: 24 Jul 2020 12:28

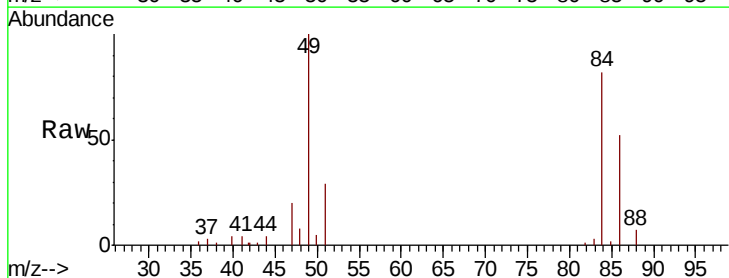
Tgt Ion: 84 Resp: 20032

Ion Ratio Lower Upper

84 100

49 122.7 91.1 169.1

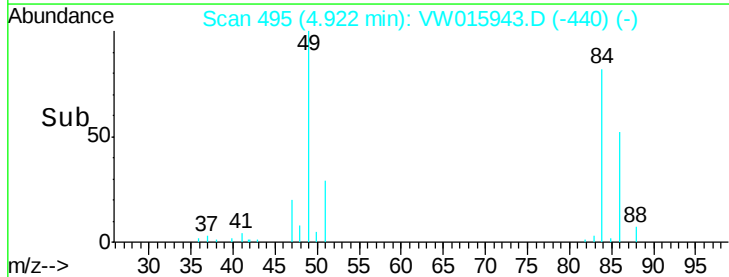
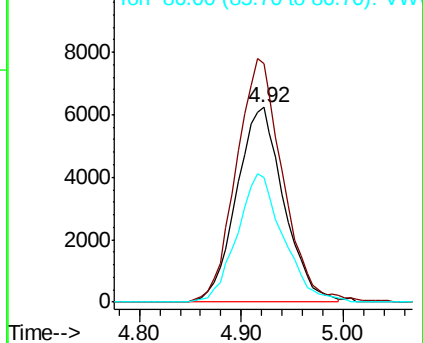
86 64.2 46.0 85.4

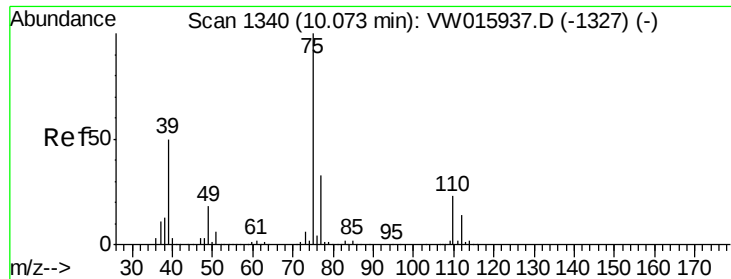


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

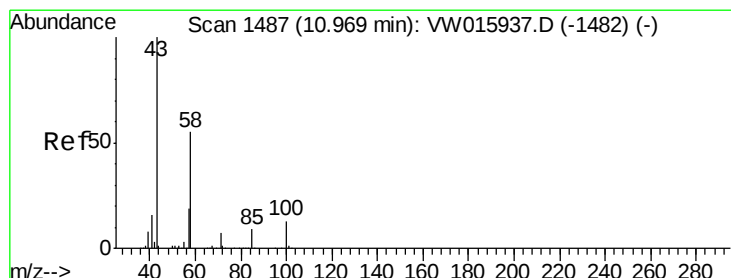
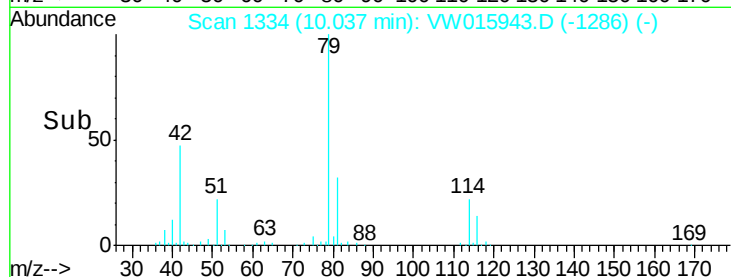
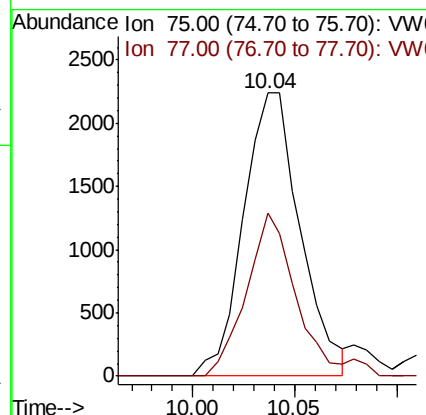
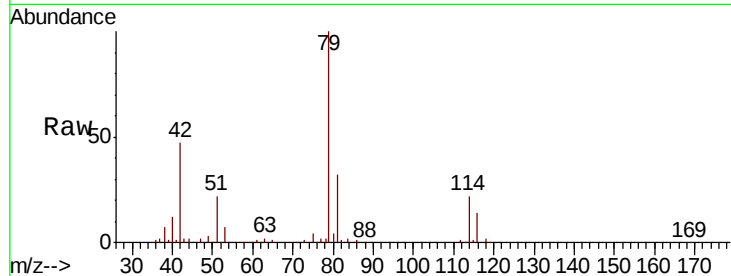




#42
 cis-1,3-Dichloropropene
 Concen: 0.468 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015943.D
 Acq: 24 Jul 2020 12:28

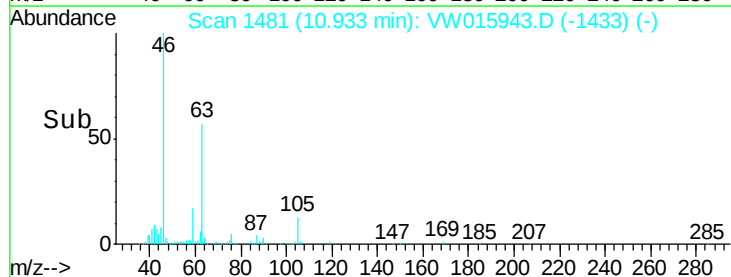
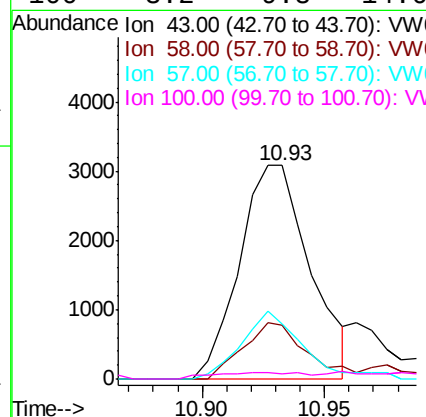
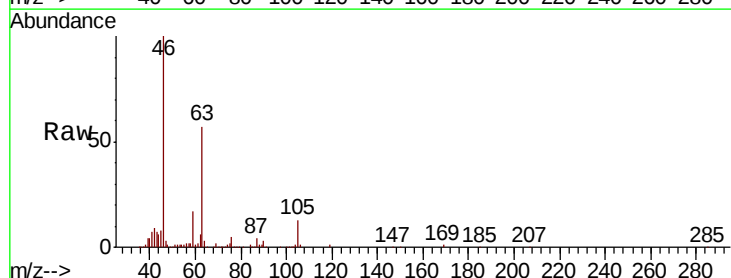
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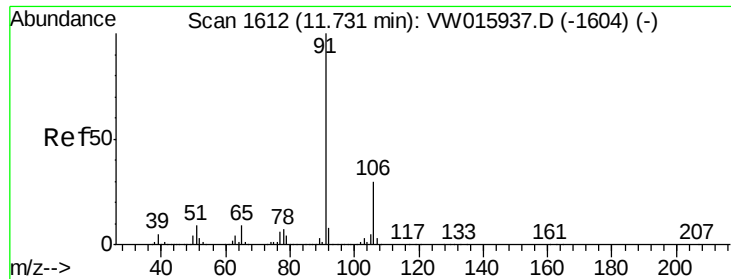
Tot Ion: 75 Resp: 4340
 Ion Ratio Lower Upper
 75 100
 77 57.5 22.2 41.2#



#49
 2-Hexanone
 Concen: 2.457 ug/L
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.04 min
 Lab File: VW015943.D
 Acq: 24 Jul 2020 12:28

Tgt Ion: 43 Resp: 6201
 Ion Ratio Lower Upper
 43 100
 58 23.9 42.4 63.6#
 57 26.7 15.6 23.4#
 100 3.2 9.8 14.6#





#53
 Ethylbenzene
 Concen: 0.438 ug/L
 RT: 11.73 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: VW015943.D
 Acq: 24 Jul 2020 12:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 91 Resp: 12708
 Ion Ratio Lower Upper
 91 100
 106 26.1 22.4 41.6

