

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013743.D
 Acq On : 25 Oct 2019 13:03
 Operator : SY/VA
 Sample : K5535-08
 Misc : 6.28G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK30

Quant Time: Nov 07 03:43:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 03:37:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	335937	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	260144	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113217	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.88%
7) Chloroethane-d5	2.89	69	91536	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.16%
10) 1,1-Dichloroethene-d2	4.02	63	161742	17.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.08%
20) 2-Butanone-d5	7.08	46	56675	38.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.90%
24) Chloroform-d	7.65	84	209197	22.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.04%
26) 1,2-Dichloroethane-d4	8.31	65	109801	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.36%
29) Benzene-d6	8.27	84	459406	29.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.56%
33) 1,2-Dichloropropane-d6	9.27	67	135966	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.52%
37) Toluene-d8	10.32	98	380180	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.48%
38) trans-1,3-Dichloropropene-	10.58	79	47996	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.16%
39) 2-Hexanone-d5	10.93	63	42668	47.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84389	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	70518	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

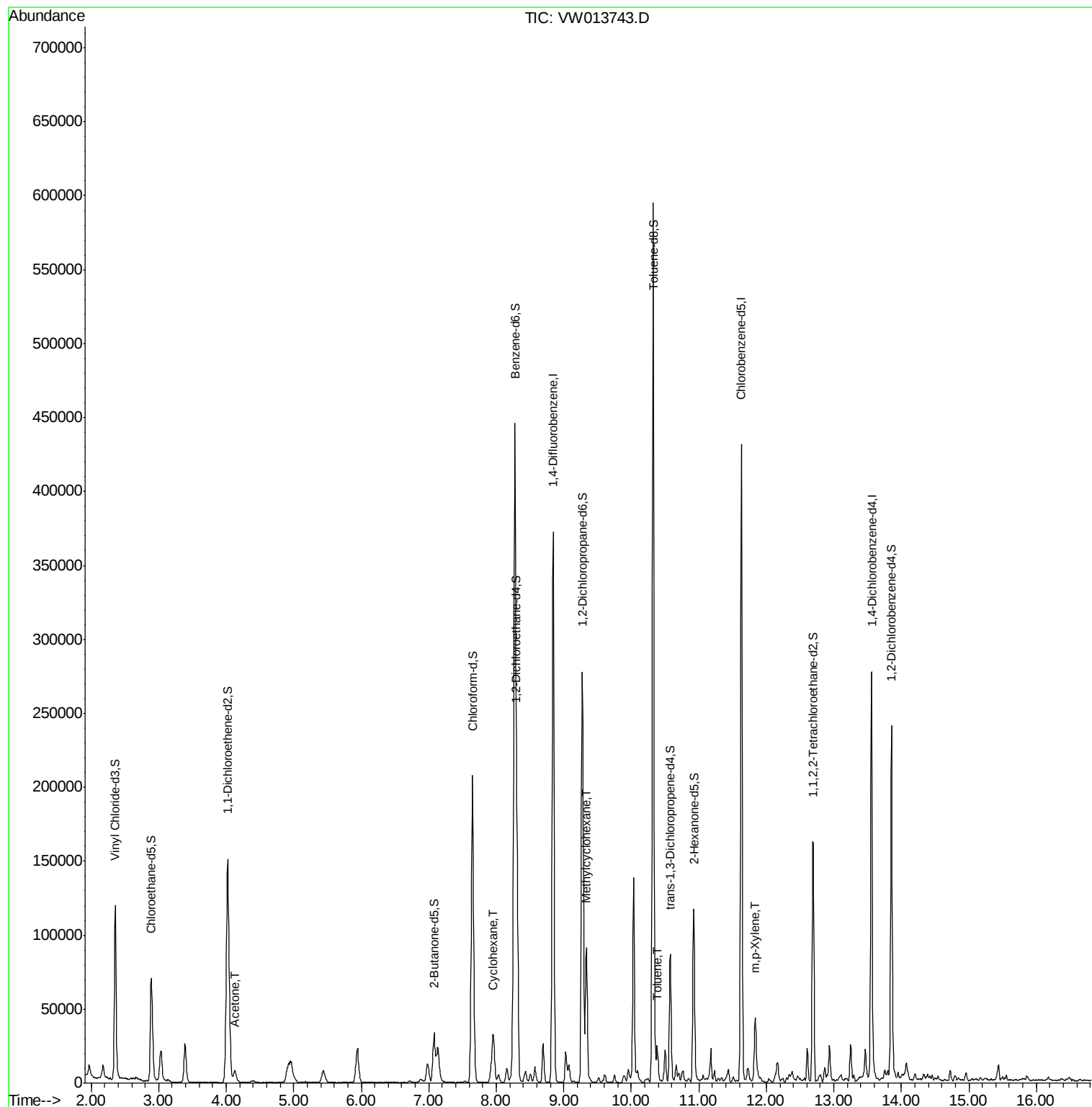
					Ovalue
13) Acetone	4.14	43	13635	8.334 ug/L	87
30) Cyclohexane	7.95	56	19606	2.573 ug/L	92
36) Methylcyclohexane	9.34	83	35210	4.171 ug/L	91
44) Toluene	10.38	91	18359	0.915 ug/L	92
54) m,p-Xylene	11.83	106	10628	1.241 ug/L	99

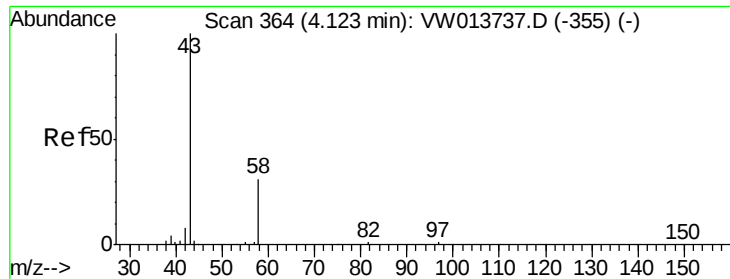
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.334 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013743.D

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MSVOA_W

ClientSampleId :

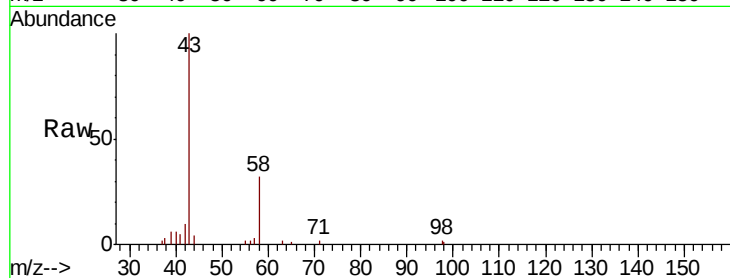
BEK30

Tot Ion: 43 Resp: 13635

Ion Ratio Lower Upper

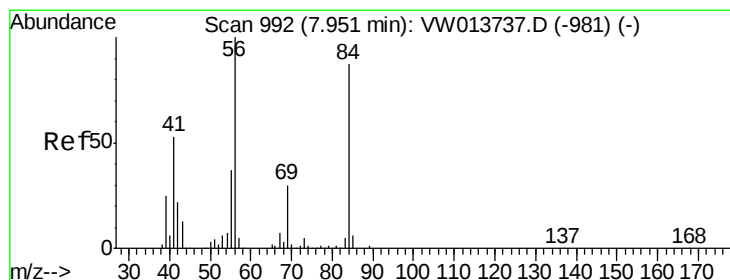
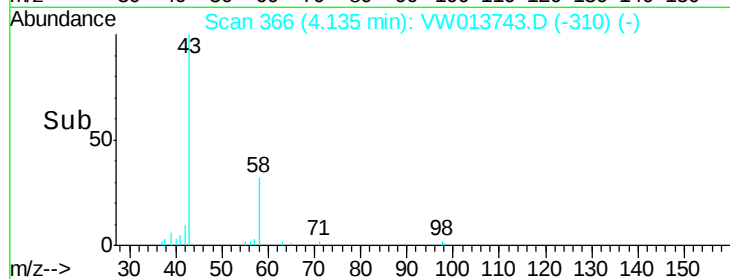
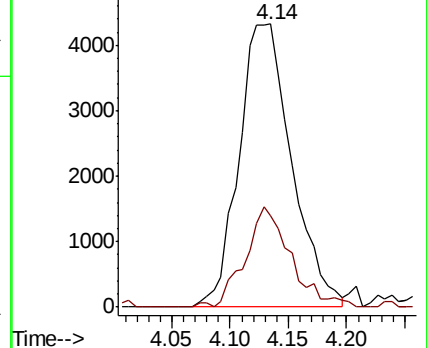
43 100

58 27.9 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#30

Cyclohexane

Concen: 2.573 ug/L

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013743.D

Acq: 25 Oct 2019 13:03

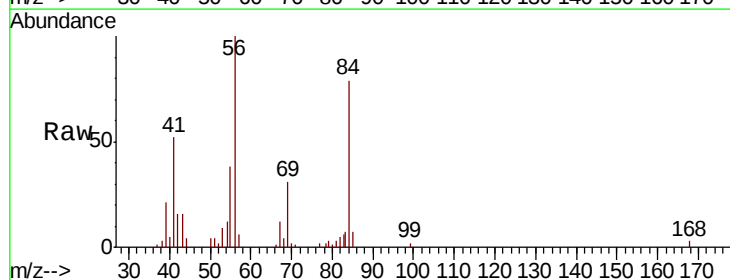
Tgt Ion: 56 Resp: 19606

Ion Ratio Lower Upper

56 100

69 28.8 24.6 37.0

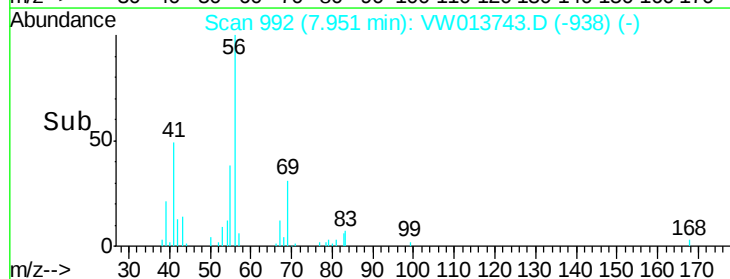
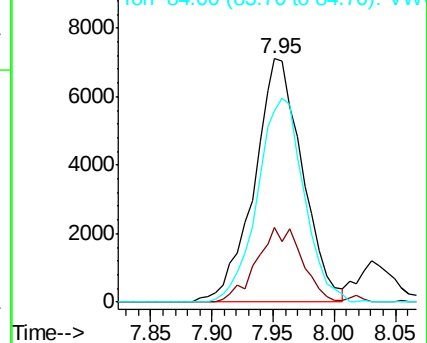
84 80.3 71.1 106.7

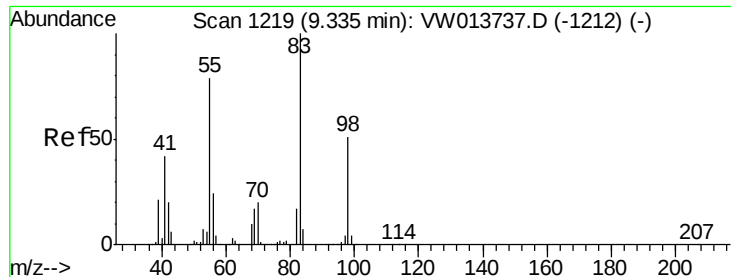


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

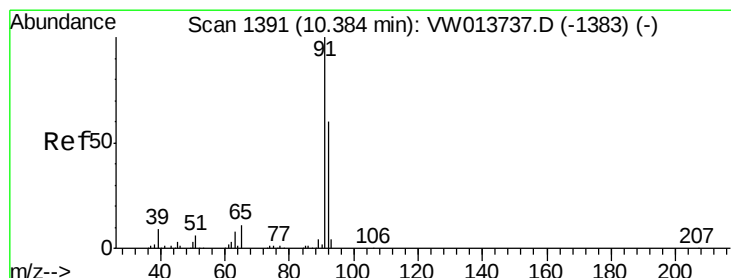
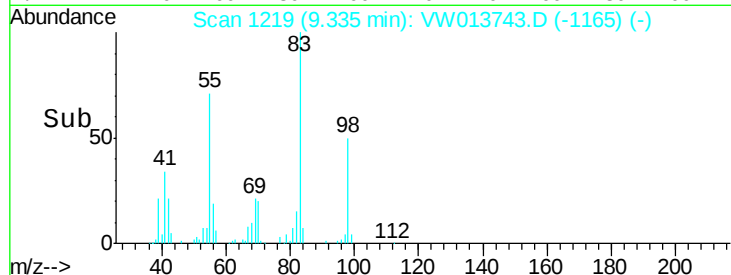
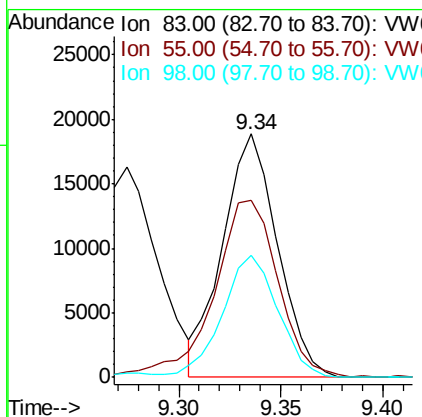
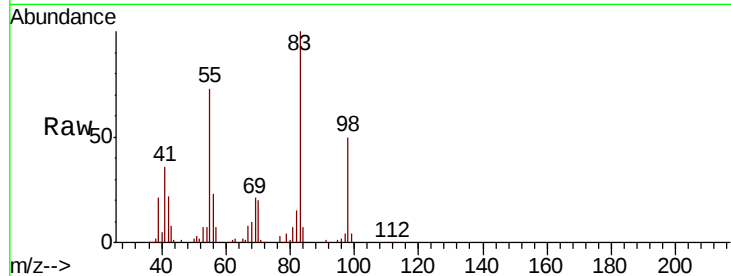




#36
Methvlcvclohexane
Concen: 4.171 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013743.D
Acq: 25 Oct 2019 13:03

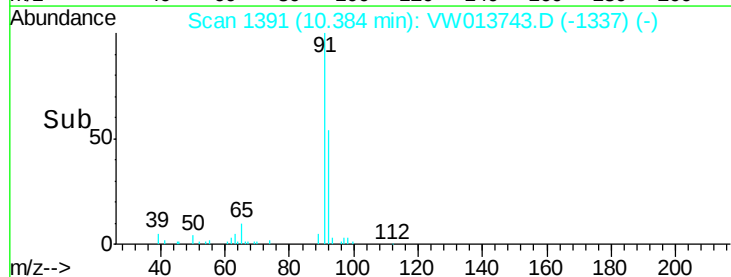
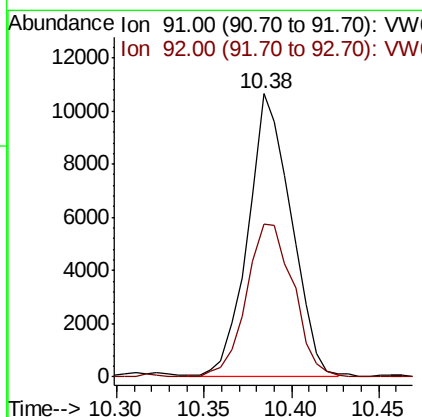
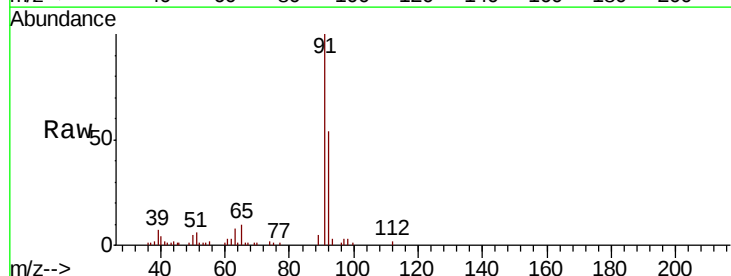
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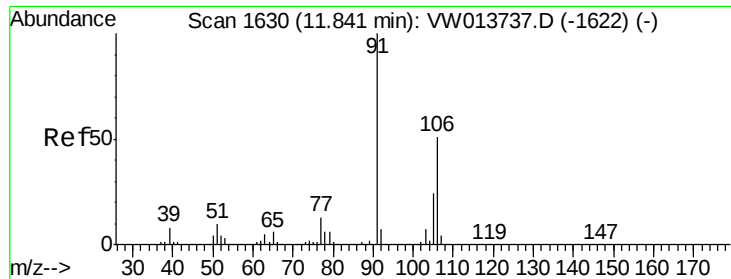
Tot Ion: 83 Resp: 35210
Ion Ratio Lower Upper
83 100
55 85.5 60.2 90.4
98 51.1 39.1 58.7



#44
Toluene
Concen: 0.915 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013743.D
Acq: 25 Oct 2019 13:03

Tgt Ion: 91 Resp: 18359
Ion Ratio Lower Upper
91 100
92 54.1 42.0 78.0





#54
 m.p-Xylene
 Concen: 1.241 ug/L
 RT: 11.83 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: VW013743.D
 Acq: 25 Oct 2019 13:03

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK30

Tot Ion:106 Resp: 10628
 Ion Ratio Lower Upper
 106 100
 91 198.4 137.7 255.7

