

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013741.D
 Acq On : 25 Oct 2019 12:11
 Operator : SY/VA
 Sample : K5535-06
 Misc : 6.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK28

Quant Time: Oct 26 03:41:02 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	302712	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	210896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	54162	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113426	30.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.16%
7) Chloroethane-d5	2.89	69	92197	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.36%
10) 1,1-Dichloroethene-d2	4.02	63	155965	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.04%
20) 2-Butanone-d5	7.07	46	63398	47.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.46%
24) Chloroform-d	7.65	84	208527	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	110701	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.27	84	442542	34.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.72%#
33) 1,2-Dichloropropane-d6	9.27	67	128998	34.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.36%#
37) Toluene-d8	10.32	98	348609	29.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	119.32%
38) trans-1,3-Dichloropropene-	10.58	79	43164	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.16%
39) 2-Hexanone-d5	10.92	63	40740	56.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	82884	26.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	52154	27.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.00%

Target Compounds

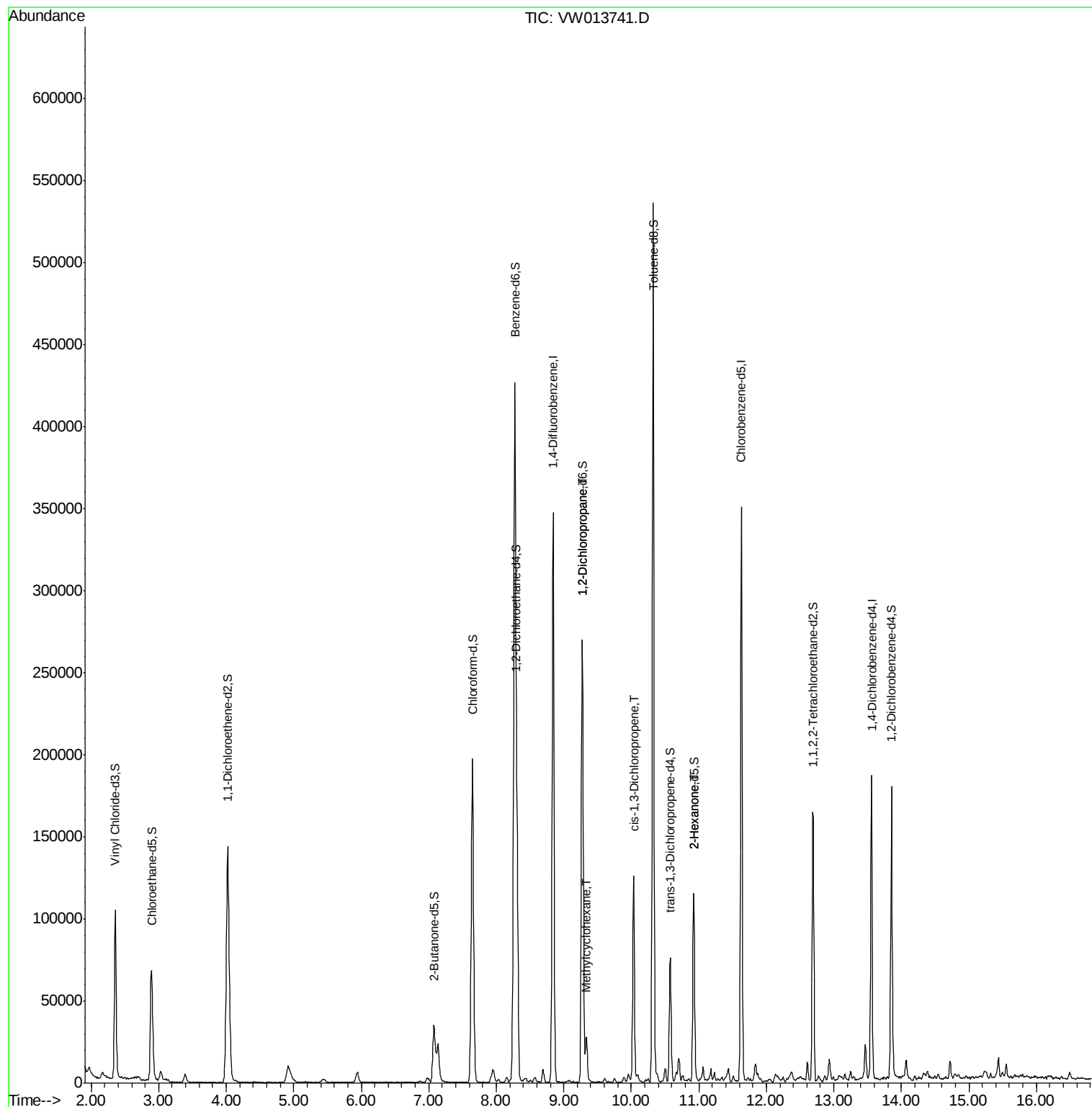
					Ovalue
36) Methylcyclohexane	9.34	83	10850	1.586 ug/L	91
40) 1,2-Dichloropropane	9.27	63	13307	3.597 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	2771	0.474 ug/L #	77
49) 2-Hexanone	10.93	43	6073	3.391 ug/L #	56

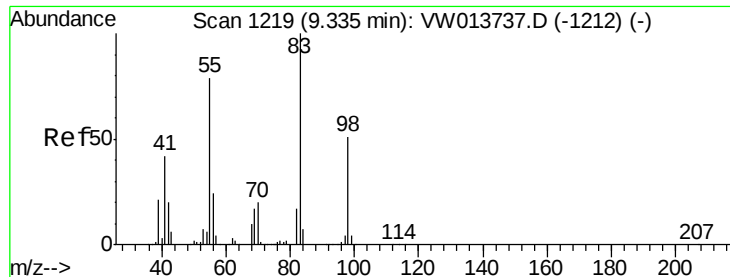
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 26 03:37:49 2019
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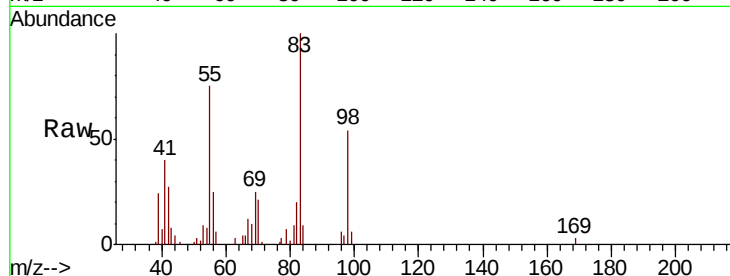




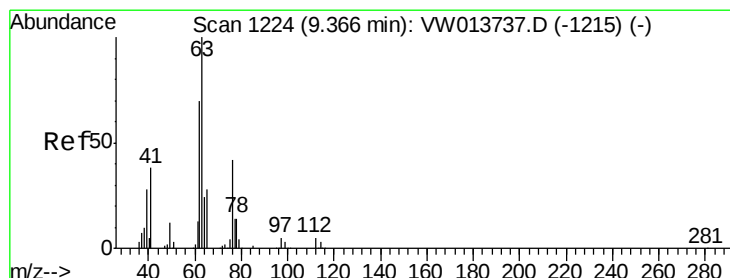
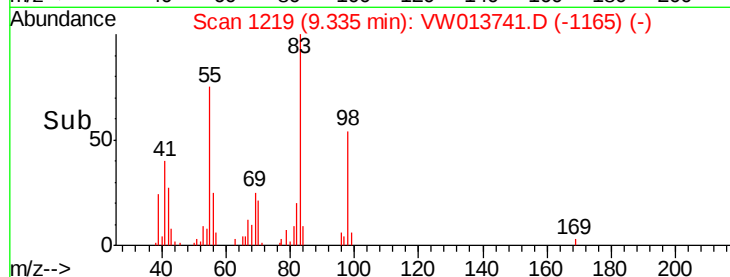
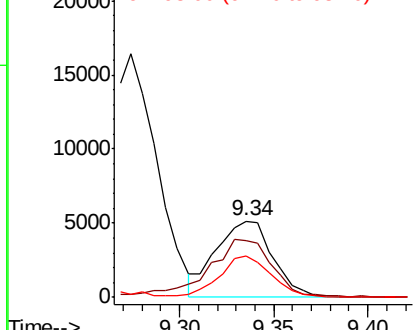
#36
Methvlcvclohexane
Concen: 1.586 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013741.D
Acq: 25 Oct 2019 12:11

Instrument :
MSVOA_W
ClientSampled :
BEK28

Tot Ion: 83 Resp: 10850
Ion Ratio Lower Upper
83 100
55 86.6 60.2 90.4
98 49.9 39.1 58.7

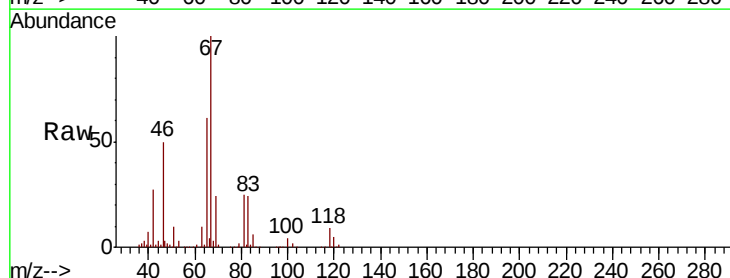


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

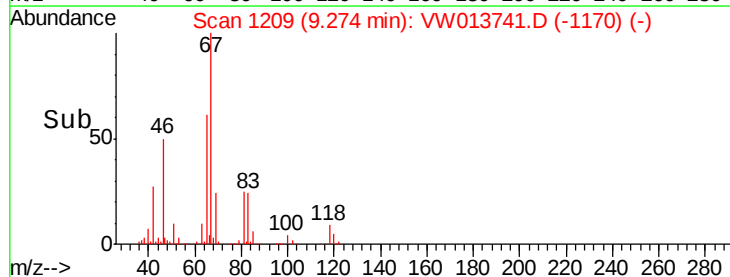
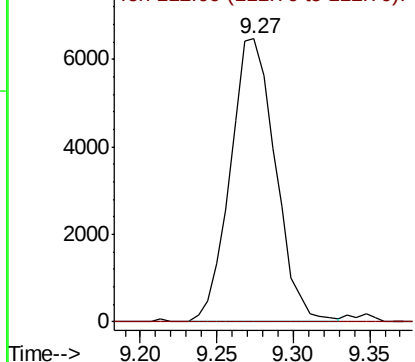


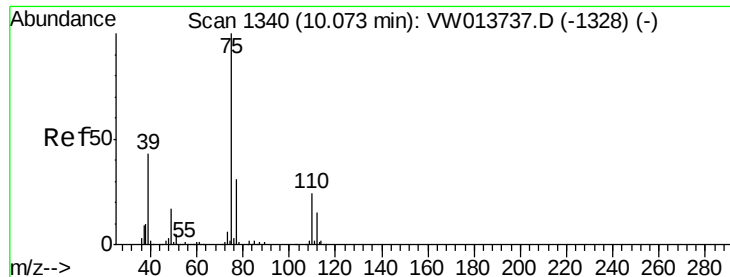
#40
1,2-Dichloropropane
Concen: 3.597 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.09 min
Lab File: VW013741.D
Acq: 25 Oct 2019 12:11

Tgt Ion: 63 Resp: 13307
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW013741.D

Acq: 25 Oct 2019 12:11

Instrument :

MSVOA_W

ClientSampleId :

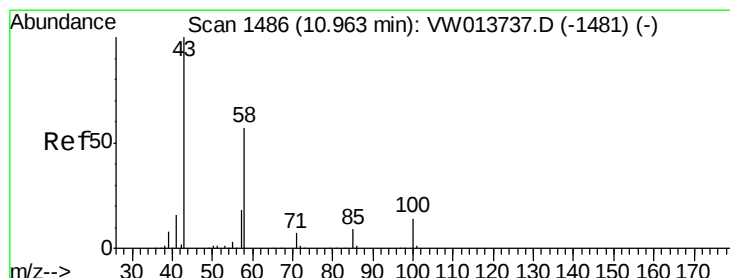
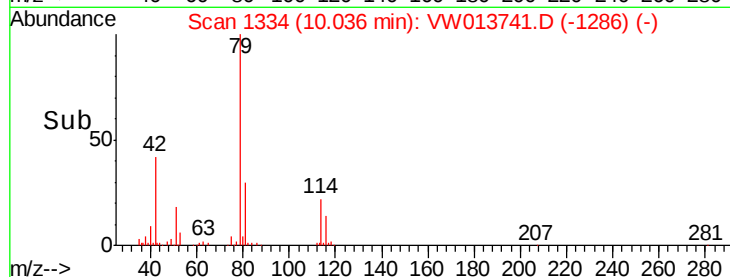
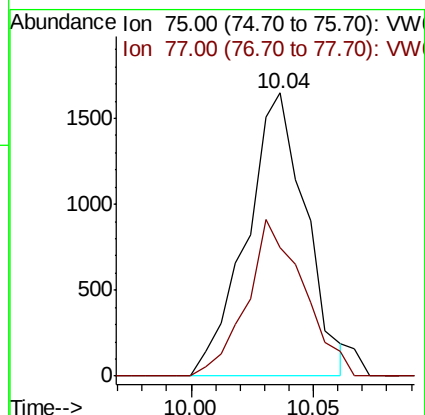
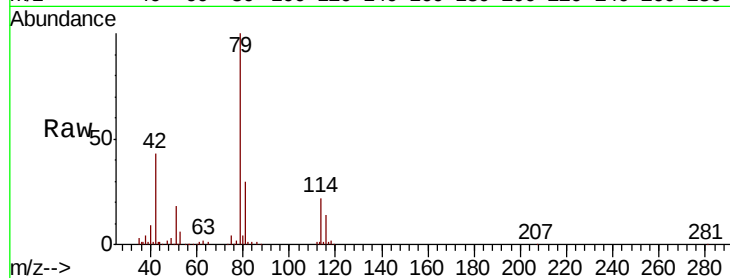
BEK28

Tot Ion: 75 Resp: 2771

Ion Ratio Lower Upper

75 100

77 45.2 22.5 41.9#



#49

2-Hexanone

Concen: 3.391 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW013741.D

Acq: 25 Oct 2019 12:11

Tgt Ion: 43 Resp: 6073

Ion Ratio Lower Upper

43 100

58 21.4 45.8 68.6#

57 37.6 15.4 23.2#

100 0.0 10.8 16.2#

