

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010146.D
 Acq On : 25 Apr 2019 16:40
 Operator : SY/VA
 Sample : K2497-02
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHX8

Quant Time: Apr 26 01:08:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	585588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	517973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	210410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118643	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.76%
7) Chloroethane-d5	2.89	69	101512	21.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.80%
10) 1,1-Dichloroethene-d2	4.01	63	240995	14.67	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.08	46	111737	42.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.54%
24) Chloroform-d	7.65	84	353911	22.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	8.30	65	204028	22.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.52%
29) Benzene-d6	8.27	84	685477	23.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.48%
33) 1,2-Dichloropropane-d6	9.27	67	225414	24.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.60%
37) Toluene-d8	10.32	98	596740	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	10.57	79	85825	20.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.48%
39) 2-Hexanone-d5	10.93	63	85304	44.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	175413	23.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	182823	23.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.88%

Target Compounds

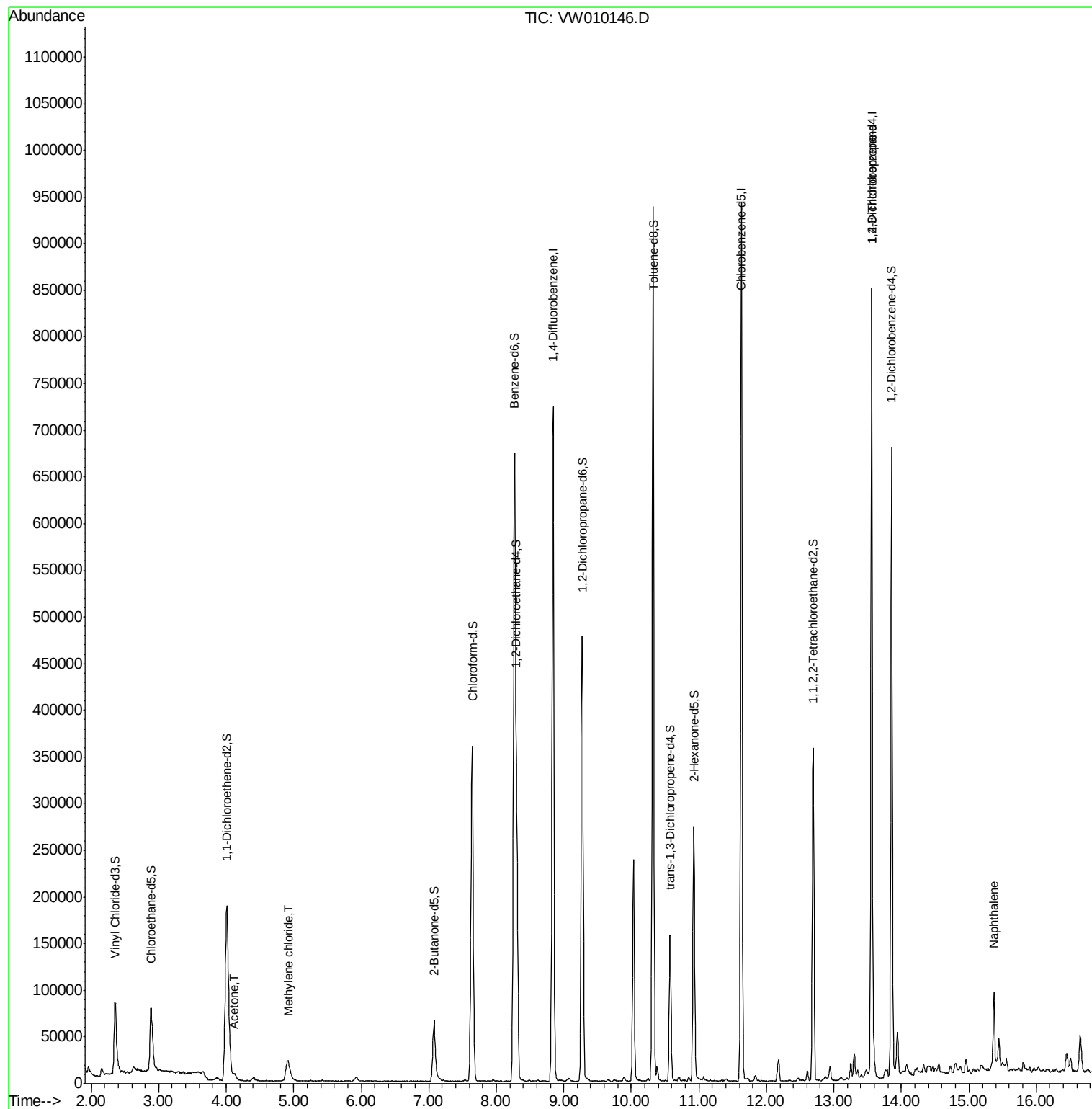
					Qvalue
13) Acetone	4.12	43	7502	3.761 ug/L	97
16) Methylene chloride	4.91	84	22846	2.783 ug/L	87
59) 1,2,3-Trichloropropane	13.56	75	26722	4.726 ug/L	91
69) Naphthalene	15.37	128	68835	3.490 ug/L	98

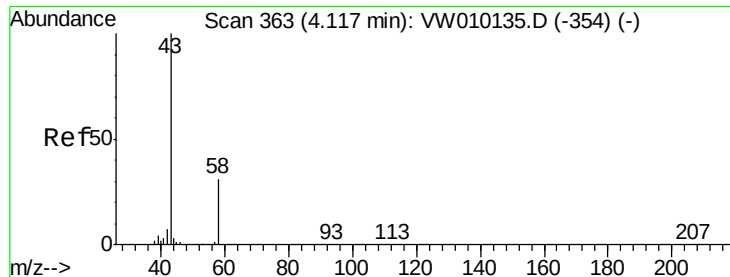
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.761 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

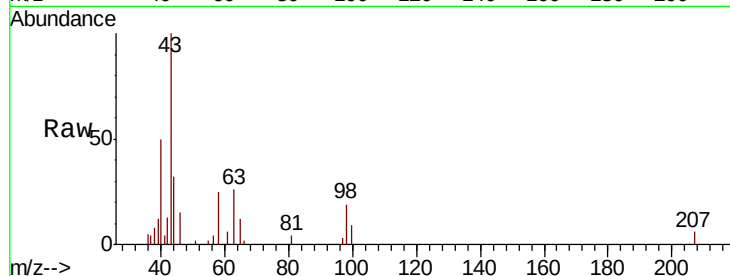
GAHX8

Tgt Ion: 43 Resp: 7502

Ion Ratio Lower Upper

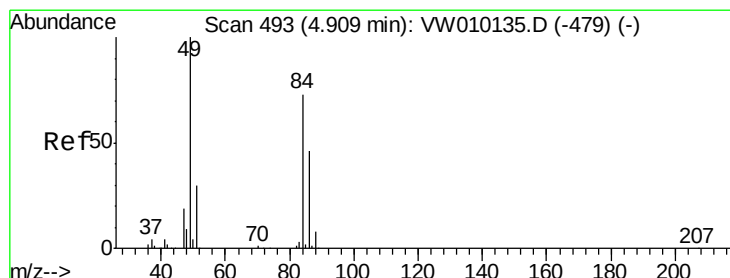
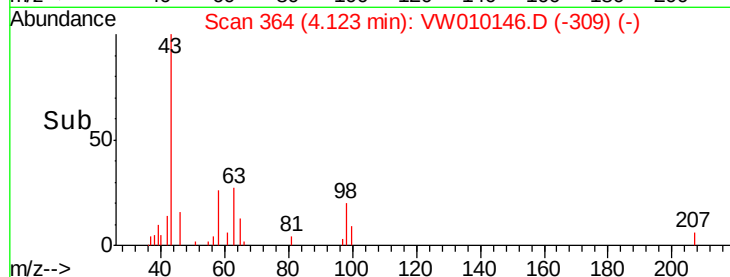
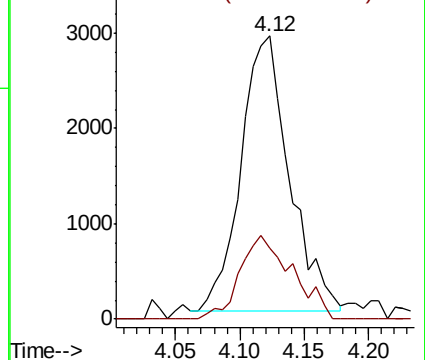
43 100

58 30.6 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: 2.783 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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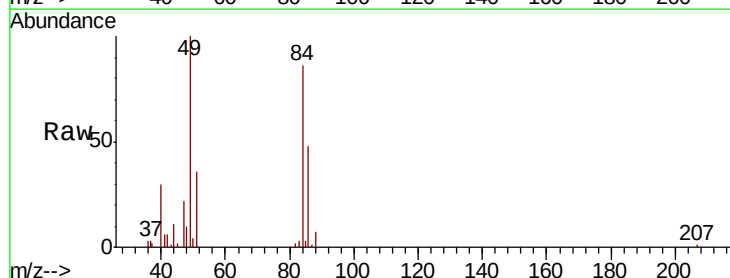
Tgt Ion: 84 Resp: 22846

Ion Ratio Lower Upper

84 100

49 116.7 93.5 173.7

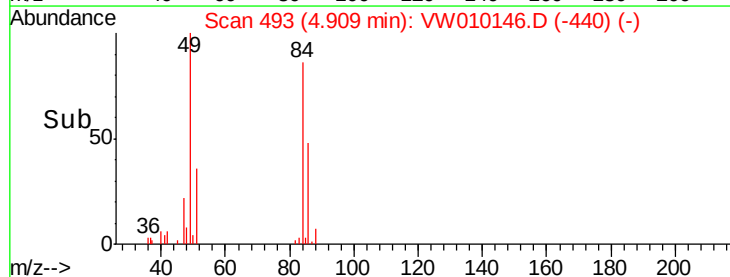
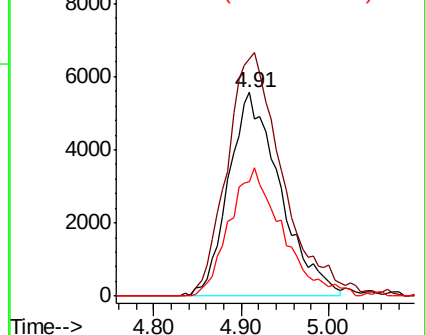
86 56.3 44.9 83.5

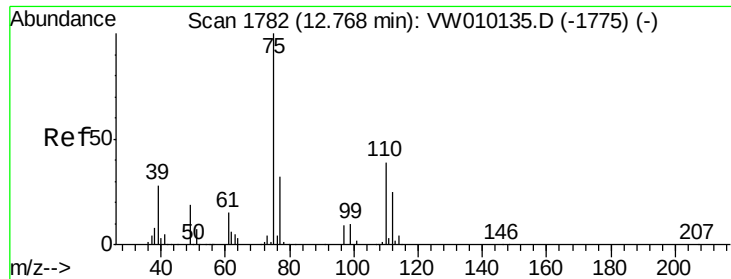


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

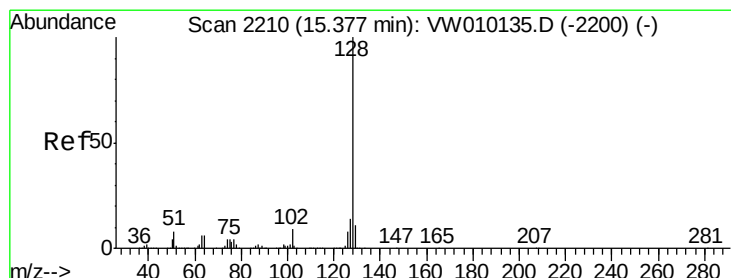
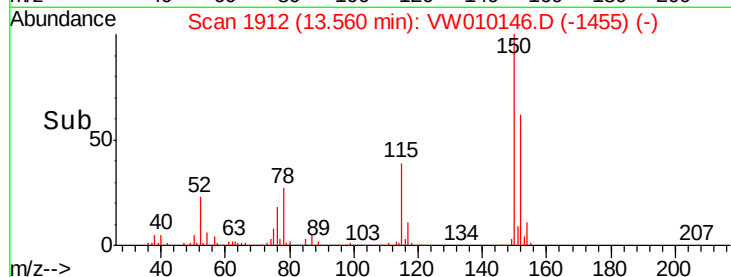
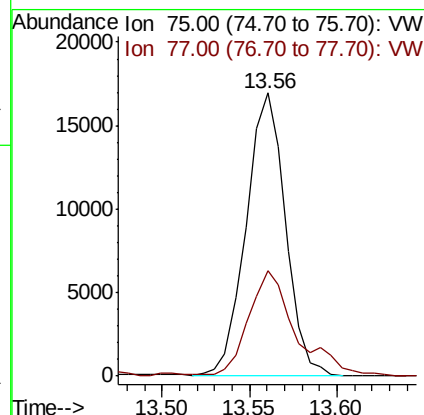
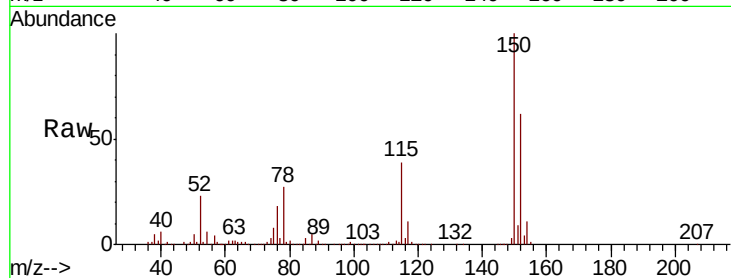




#59
 1,2,3-Trichloropropane
 Concen: 4.726 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
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Tgt Ion: 75 Resp: 26722
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.1 39.1



#69
 Naphthalene
 Concen: 3.490 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010146.D
 Acq: 25 Apr 2019 16:40

Tgt Ion: 128 Resp: 68835
 Ion Ratio Lower Upper
 128 100
 129 11.2 8.6 13.0
 127 14.4 10.8 16.2

