

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081818\
 Data File : VW004728.D
 Acq On : 16 Aug 2018 11:58
 Operator : SY/AP
 Sample : J4450-09
 Misc : 4.94G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 16 18:26:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	805259	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	801113	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	352808	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	273283	21.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.40%
7) Chloroethane-d5	2.89	69	218986	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.52%
10) 1,1-Dichloroethene-d2	4.01	63	391687	16.73	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.92%
20) 2-Butanone-d5	7.09	46	199573	57.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.24%
24) Chloroform-d	7.65	84	526096	24.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.52%
26) 1,2-Dichloroethane-d4	8.31	65	305057	26.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.72%
29) Benzene-d6	8.27	84	1051112	23.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.56%
33) 1,2-Dichloropropane-d6	9.27	67	341742	24.49	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.96%
37) Toluene-d8	10.33	98	911935	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.48%
38) trans-1,3-Dichloropropene-	10.58	79	139446	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.44%
39) 2-Hexanone-d5	10.93	63	176468	63.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.56%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	362735	27.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	342872	25.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.48%

Target Compounds

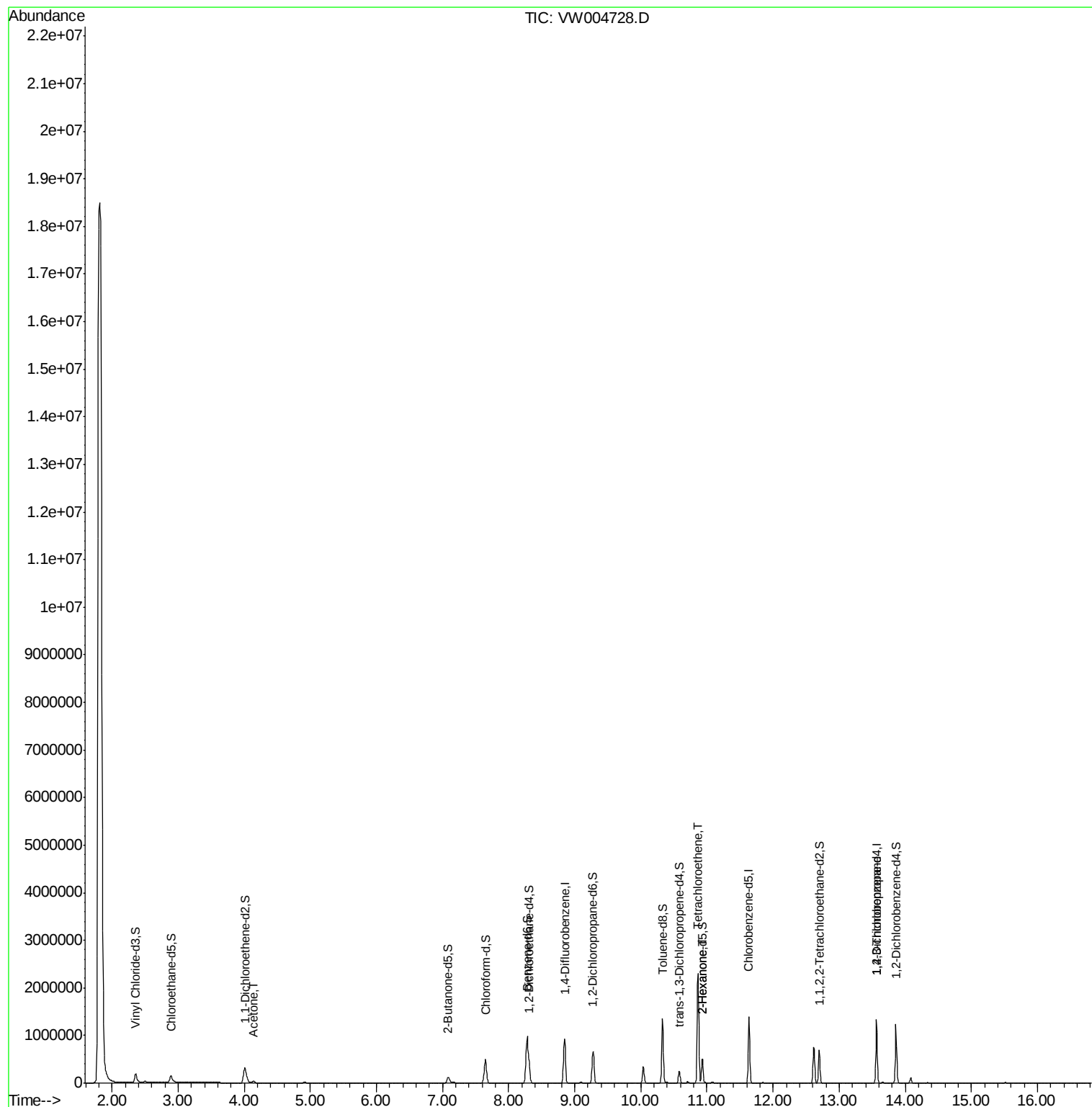
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	50030	15.744	ug/L	98
47) Tetrachloroethene	10.87	164	556962	52.312	ug/L	99
49) 2-Hexanone	10.93	43	19825	3.177	ug/L #	65
59) 1,2,3-Trichloropropane	13.57	75	41345	4.164	ug/L	94

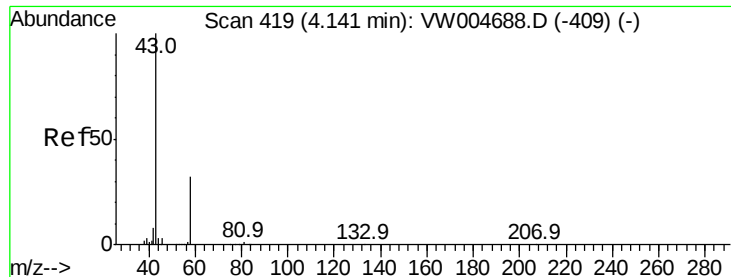
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 15.744 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

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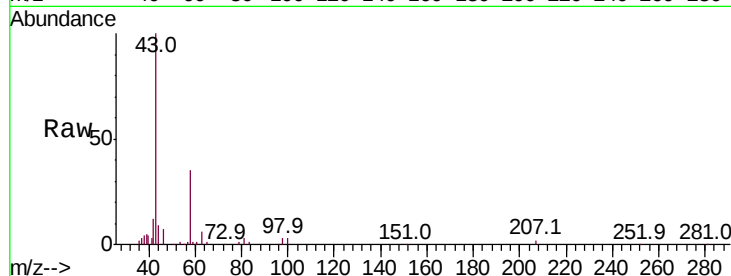
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 50030

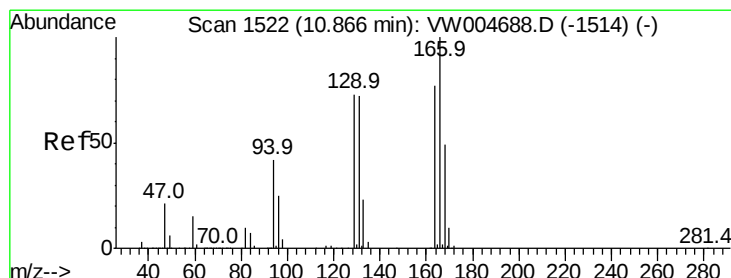
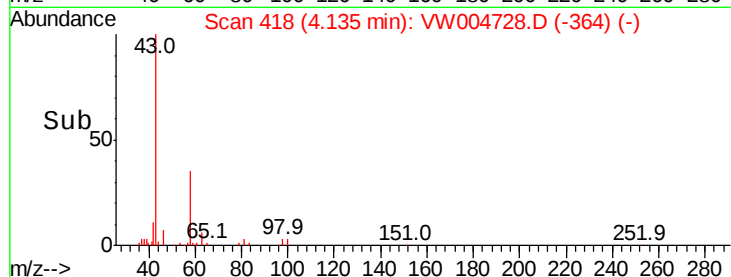
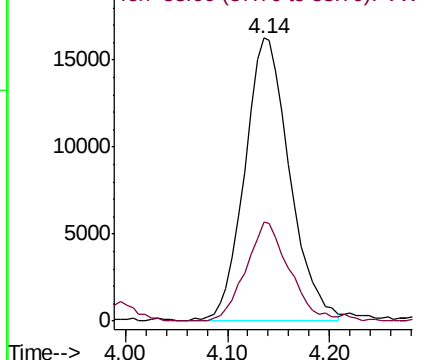
Ion Ratio Lower Upper

43 100

58 33.6 0.0 69.4



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#47

Tetrachloroethene

Concen: 52.312 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

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Acq: 16 Aug 2018 11:58

Tgt Ion:164 Resp: 556962

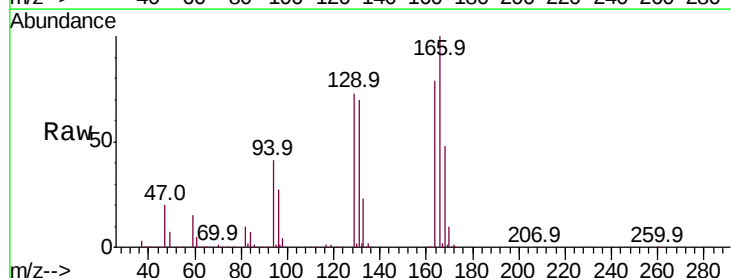
Ion Ratio Lower Upper

164 100

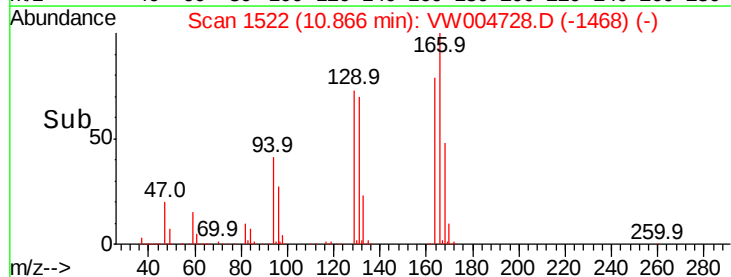
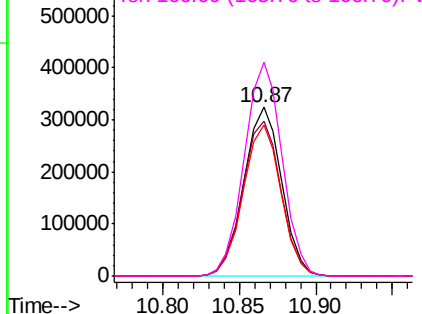
129 92.0 65.0 120.6

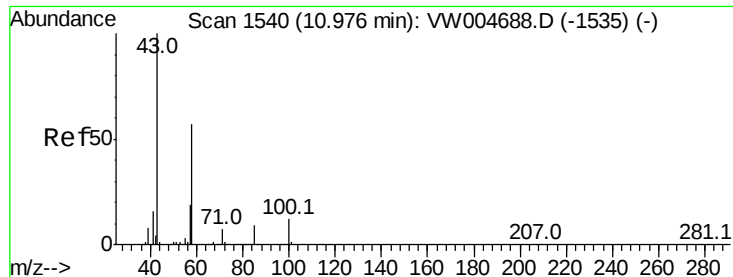
131 89.3 62.2 115.4

166 126.7 88.9 165.1



Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

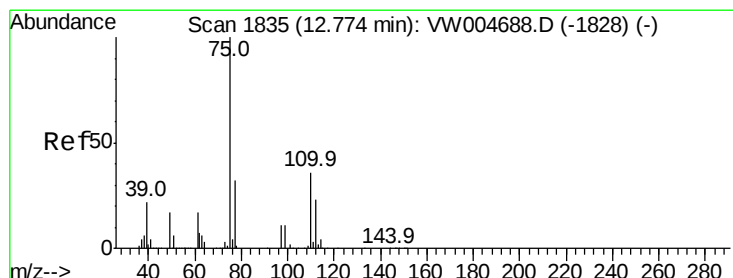
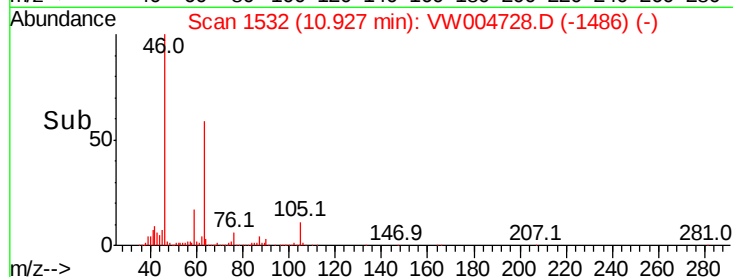
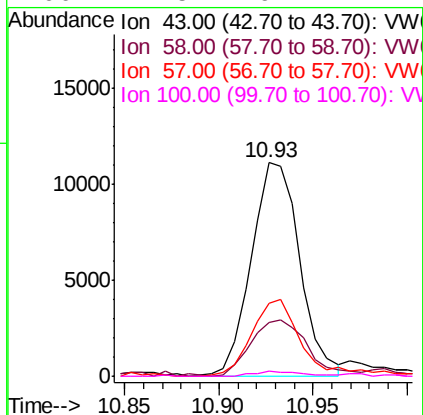
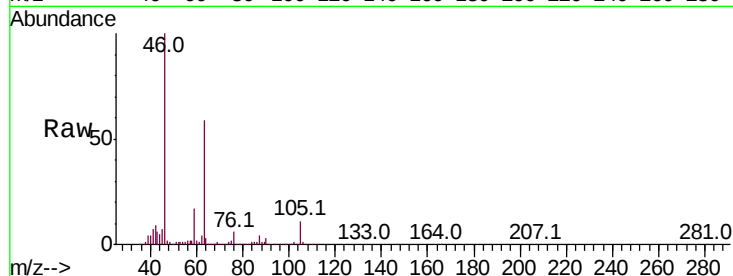




#49
 2-Hexanone
 Concen: 3.177 ug/L
 RT: 10.93 min Scan# 1532
 Delta R.T. -0.05 min
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Tot Ion:	43	Resp:	19825
Ion	Ratio	Lower	Upper
43	100		
58	30.6	44.4	66.6#
57	37.3	14.8	22.2#
100	2.5	9.4	14.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.164 ug/L
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.79 min
 Lab File: VW004728.D
 Acq: 16 Aug 2018 11:58

Tgt Ion:	75	Resp:	41345
Ion	Ratio	Lower	Upper
75	100		
77	35.8	25.8	38.6

