

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072718\
 Data File : VW004233.D
 Acq On : 26 Jul 2018 17:36
 Operator : SY/AP
 Sample : J4169-01
 Misc : 5.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 27 02:55:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:54:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	338254	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	291759	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	90418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84263	24.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.96%
7) Chloroethane-d5	2.89	69	64351	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.92%
10) 1,1-Dichloroethene-d2	4.01	63	152699	18.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.12%
20) 2-Butanone-d5	7.08	46	85665	44.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.88%
24) Chloroform-d	7.65	84	218003	25.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	8.31	65	136673	26.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.96%
29) Benzene-d6	8.27	84	416553	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	9.27	67	140483	27.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.28%
37) Toluene-d8	10.33	98	370549	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	56092	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.12%
39) 2-Hexanone-d5	10.93	63	63345	46.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	125598	23.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	95086	28.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.52%

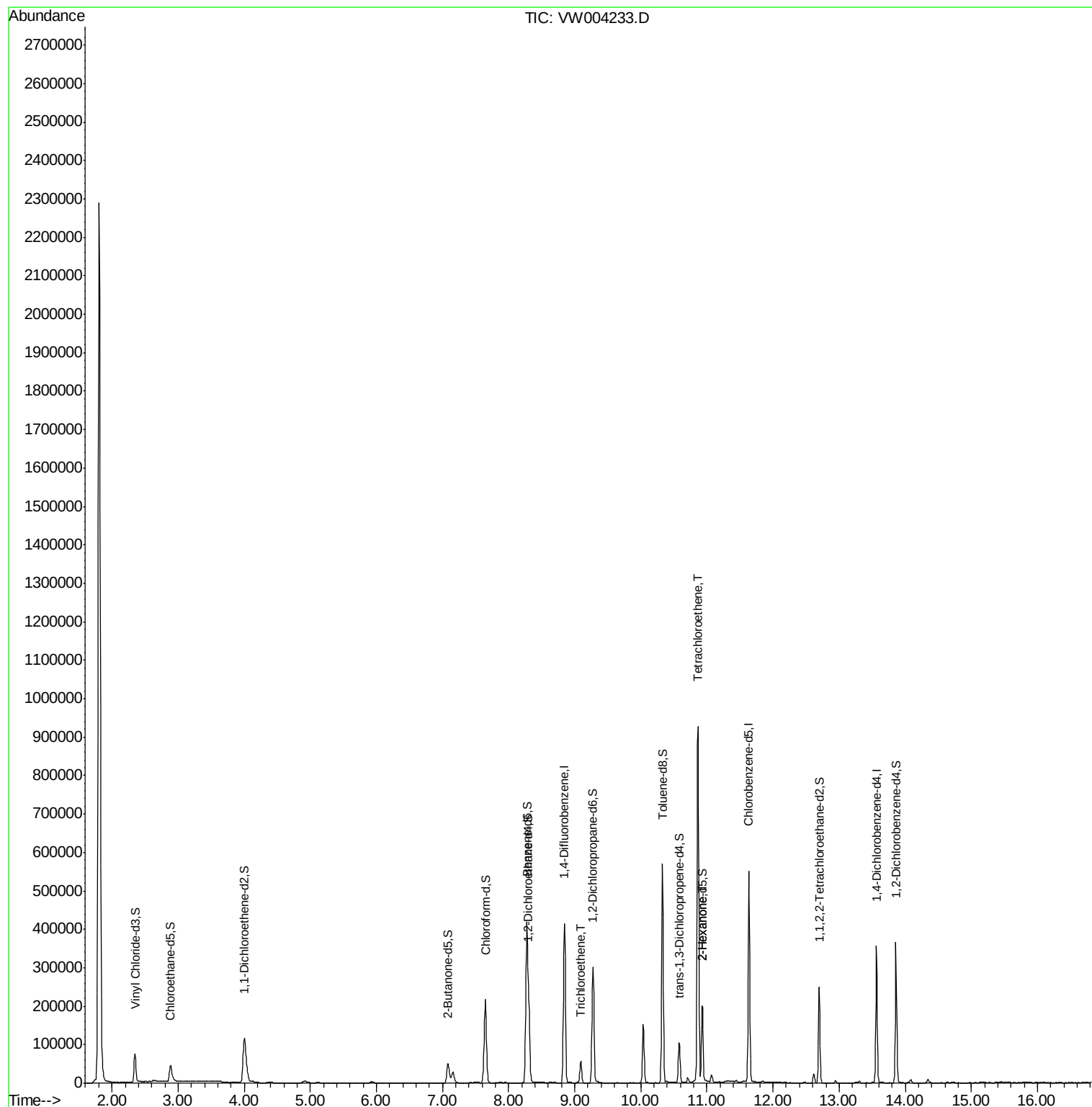
Target Compounds					Ovalue
35) Trichloroethene	9.09	95	19668	4.457 ug/L	98
47) Tetrachloroethene	10.87	164	207781	58.866 ug/L	98
49) 2-Hexanone	10.93	43	8812	2.772 ug/L #	70

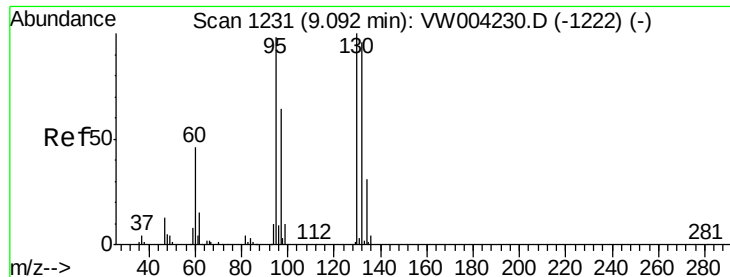
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Trichloroethene

Concen: 4.457 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004233.D

Acq: 26 Jul 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 95 Resp: 19668

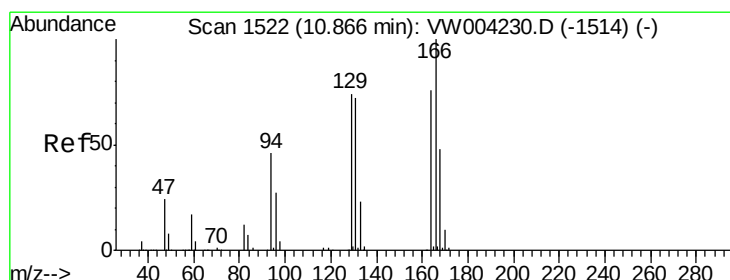
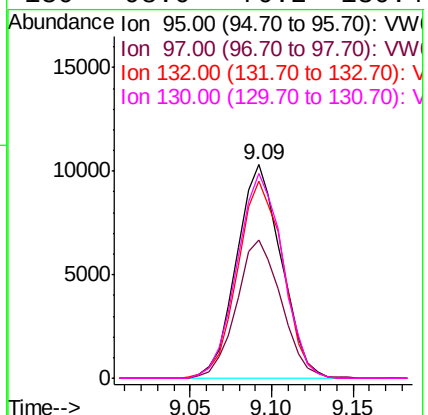
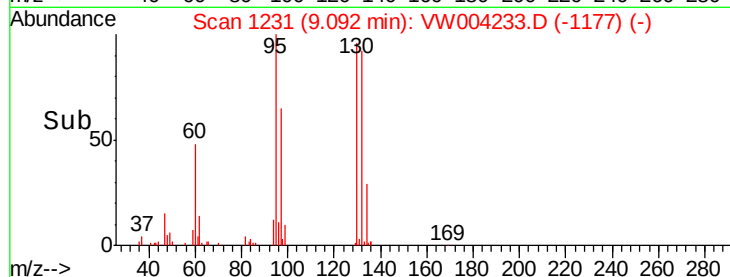
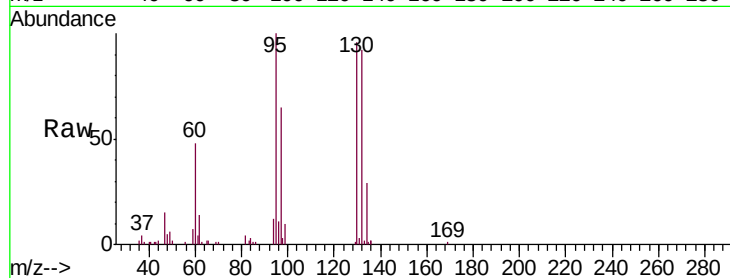
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 93.6 67.4 125.2

130 98.0 70.2 130.4



#47

Tetrachloroethene

Concen: 58.866 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004233.D

Acq: 26 Jul 2018 17:36

Tgt Ion:164 Resp: 207781

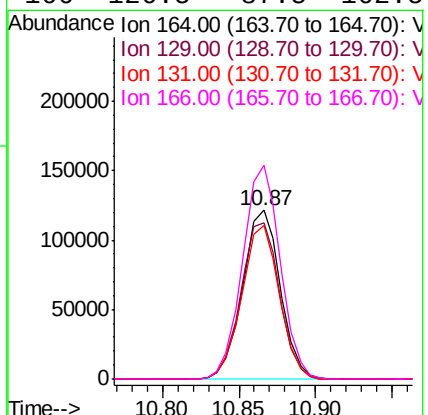
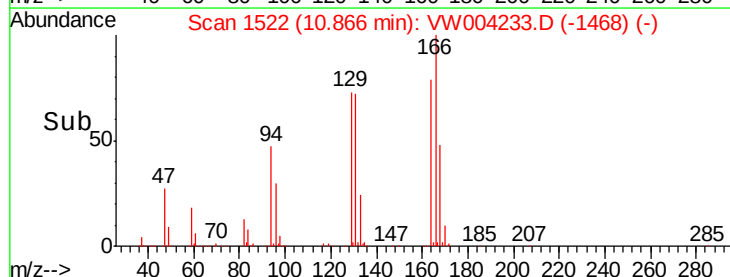
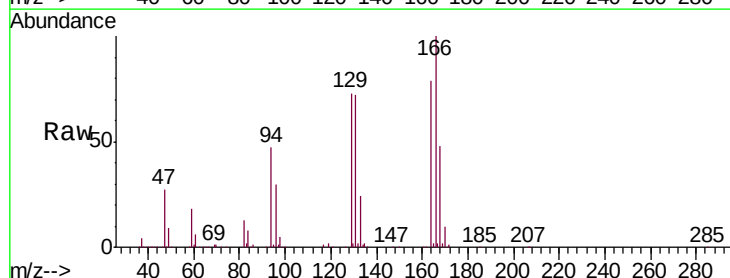
Ion Ratio Lower Upper

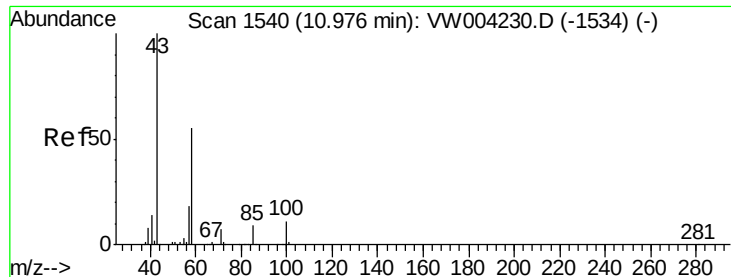
164 100

129 92.8 63.4 117.8

131 91.1 63.1 117.1

166 126.5 87.5 162.5





#49

2-Hexanone

Concen: 2.772 ug/L

RT: 10.93 min Scan# 1532

Delta R.T. -0.05 min

Lab File: VW004233.D

Acq: 26 Jul 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 8812

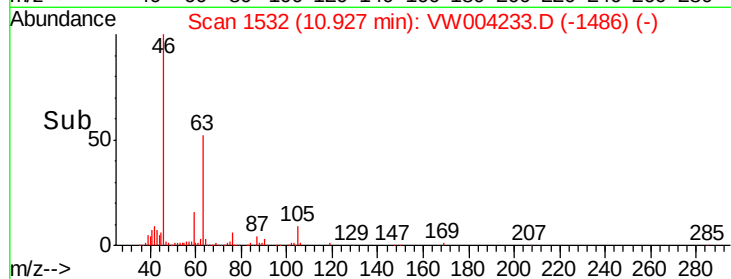
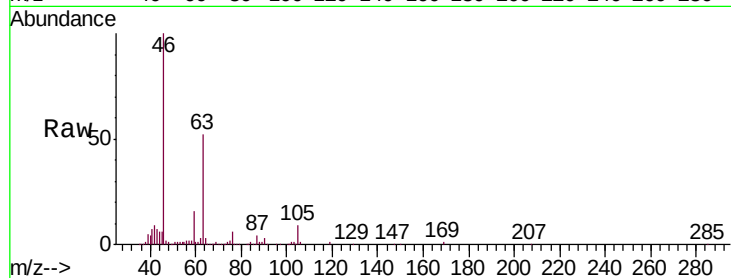
Ion Ratio Lower Upper

43 100

58 27.8 39.8 59.8#

57 29.6 13.9 20.9#

100 2.2 8.0 12.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

