

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072418\
 Data File : VW004171.D
 Acq On : 24 Jul 2018 13:17
 Operator : SY/AP
 Sample : J4040-02
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 18:51:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 23 15:53:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	311124	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312525	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	144326	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	59677	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	2.89	69	47273	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
10) 1,1-Dichloroethene-d2	4.00	63	113150	15.33	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.32%
20) 2-Butanone-d5	7.09	46	87146	48.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.58%
24) Chloroform-d	7.65	84	192769	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.31	65	116530	26.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.80%
29) Benzene-d6	8.28	84	335982	23.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.72%
33) 1,2-Dichloropropane-d6	9.28	67	124192	25.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.72%
37) Toluene-d8	10.33	98	291065	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.58	79	49675	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.52%
39) 2-Hexanone-d5	10.93	63	60274	46.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.62%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	131382	24.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	127315	27.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.72%

Target Compounds

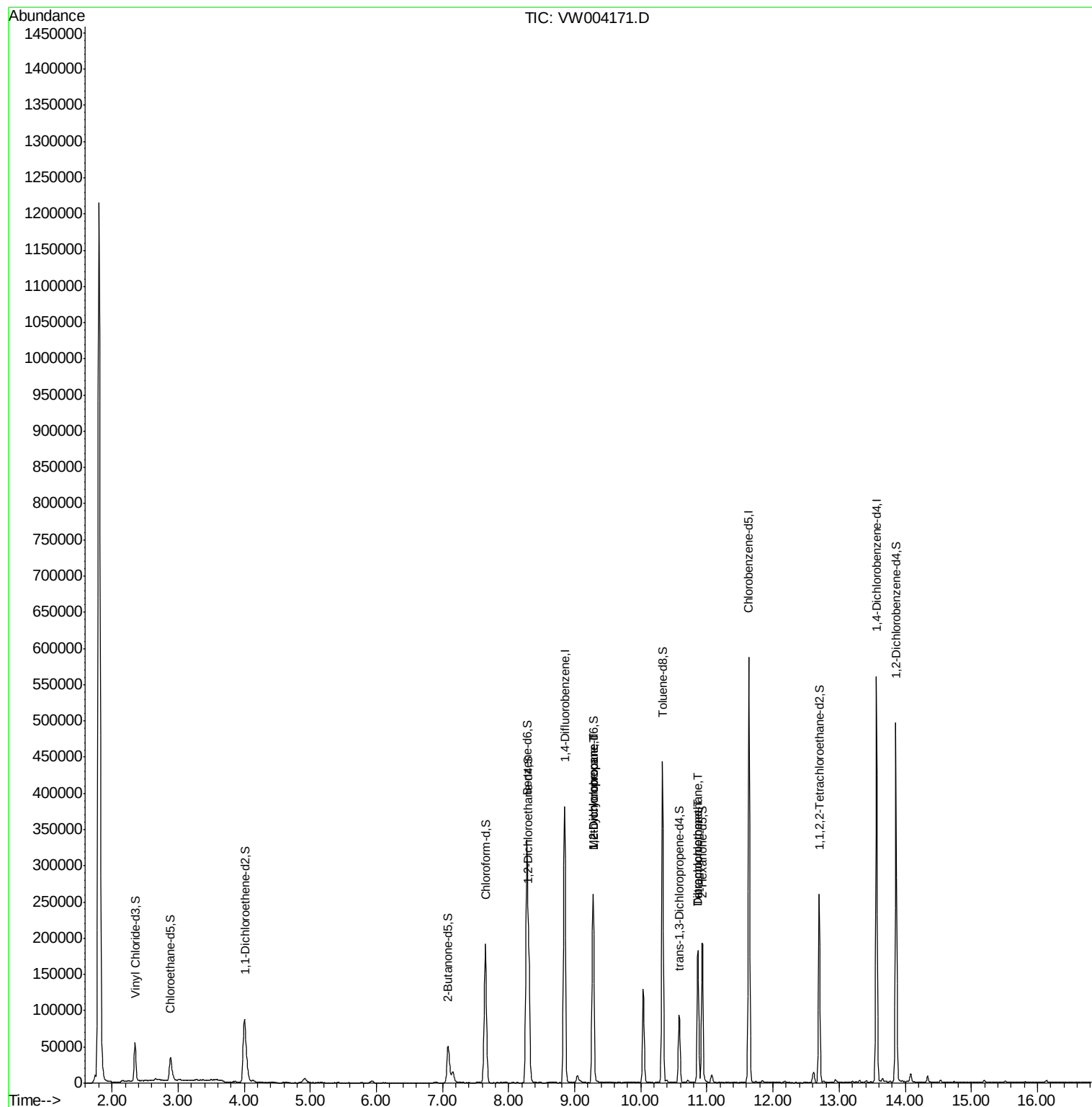
					Ovalue
36) Methylcyclohexane	9.28	83	28694	3.39 ug/L	# 18
40) 1,2-Dichloropropane	9.27	63	14135	2.72 ug/L	# 89
47) Tetrachloroethene	10.87	164	41498	10.04 ug/L	97
50) Dibromochloromethane	10.87	129	39361	8.71 ug/L	# 9

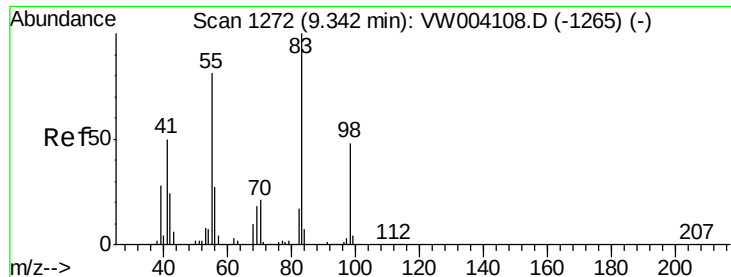
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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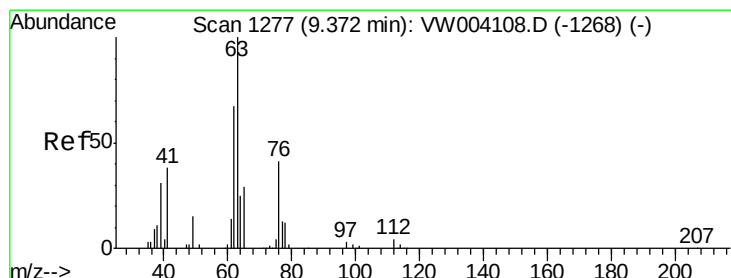
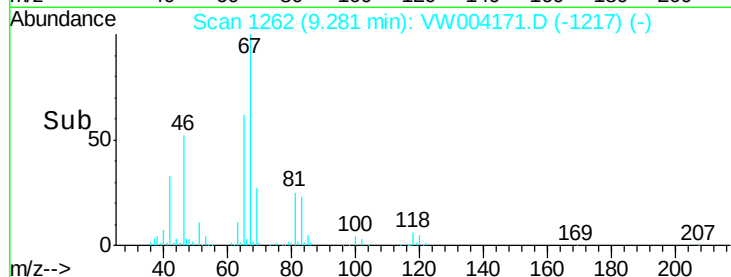
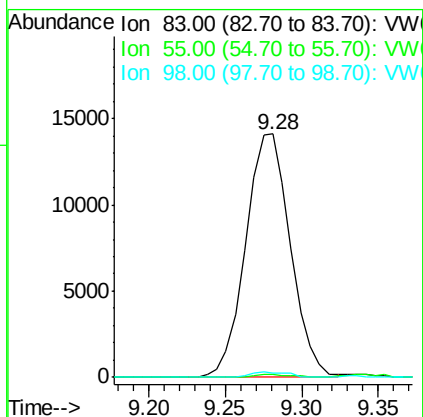
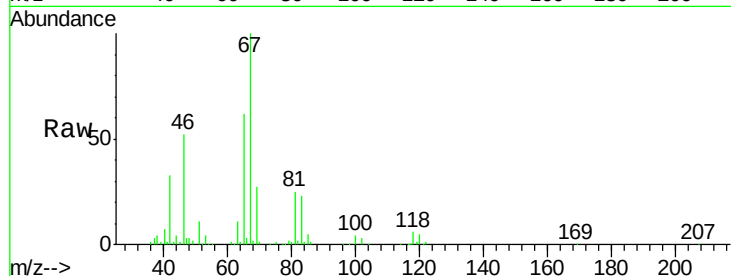




#36
Methylvlcyclohexane
Concen: 3.39 ug/L
RT: 9.28 min Scan# 1262
Delta R.T. -0.05 min
Lab File: VW004171.D
Acq: 24 Jul 2018 13:17

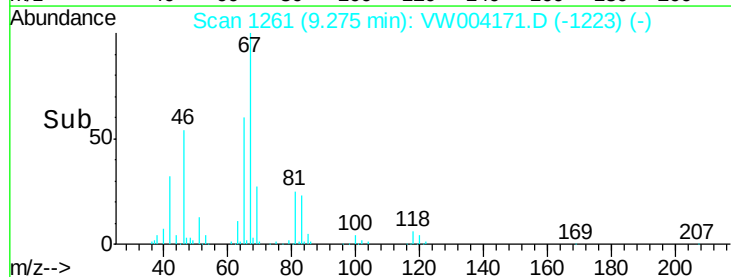
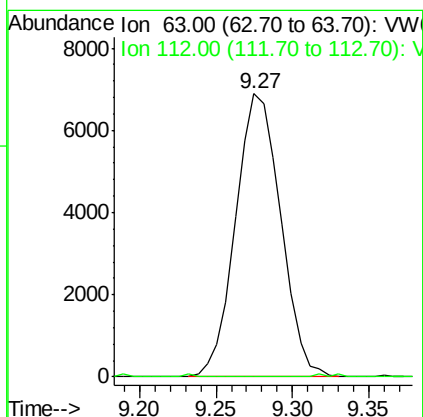
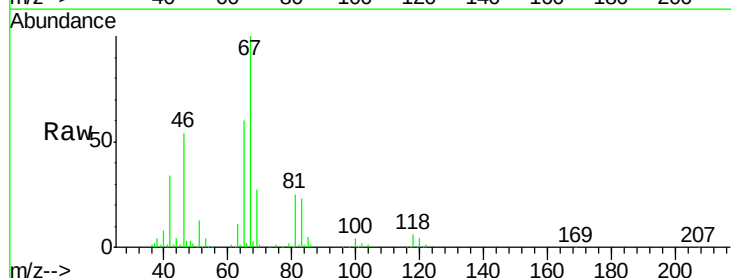
Instrument :
MSVOA_W
ClientSampled :

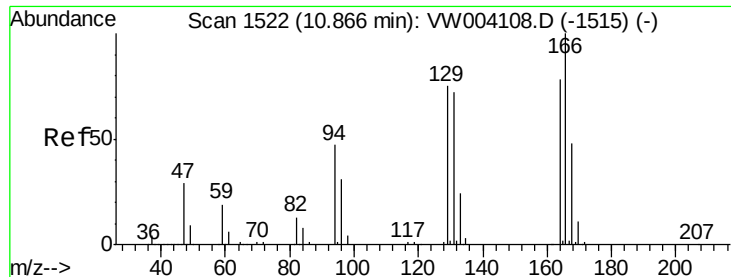
Tot Ion: 83 Resp: 28694
Ion Ratio Lower Upper
83 100
55 0.6 65.8 98.6#
98 1.8 37.0 55.6#



#40
1,2-Dichloropropane
Concen: 2.72 ug/L
RT: 9.27 min Scan# 1261
Delta R.T. -0.10 min
Lab File: VW004171.D
Acq: 24 Jul 2018 13:17

Tgt Ion: 63 Resp: 14135
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.4#





#47

Tetrachloroethene

Concen: 10.04 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004171.D

Acq: 24 Jul 2018 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:164 Resp: 41498

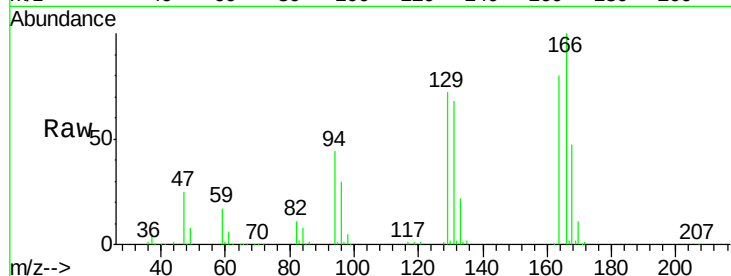
Ion Ratio Lower Upper

164 100

129 90.3 63.1 117.3

131 85.2 62.8 116.6

166 125.7 84.6 157.2

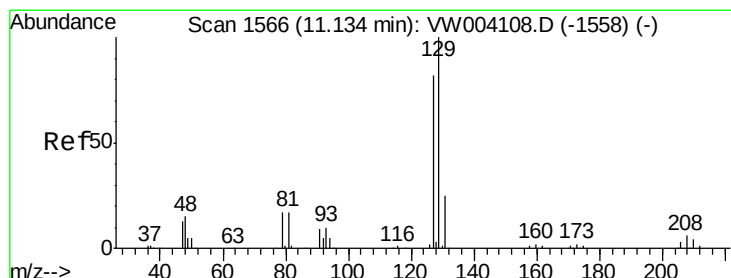
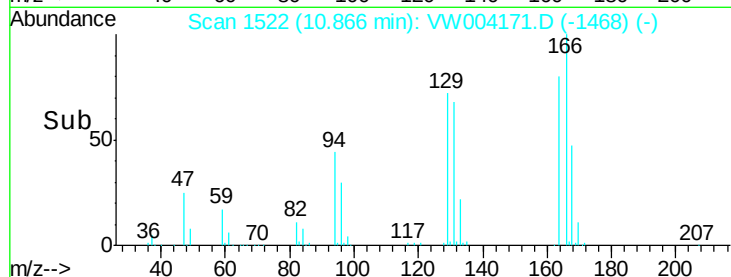
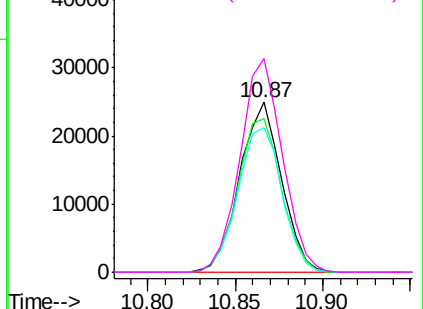


Abundance Ion 164.00 (163.70 to 164.70): V

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



#50

Dibromochloromethane

Concen: 8.71 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. -0.27 min

Lab File: VW004171.D

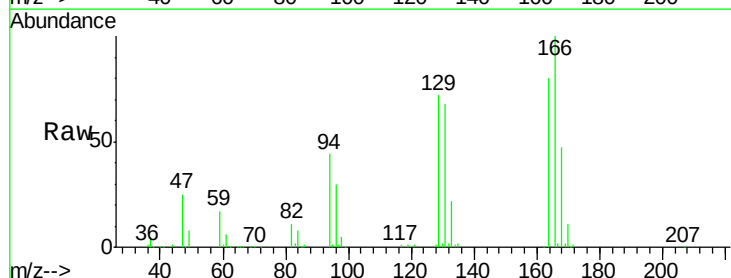
Acq: 24 Jul 2018 13:17

Tgt Ion:129 Resp: 39361

Ion Ratio Lower Upper

129 100

127 0.0 56.1 104.3#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

