

Data File : VW011187.D
Acq On : 10 Jul 2019 11:17
Operator : SY/VA
Sample : K3724-02
Misc : 5.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8T1

Quant Time: Jul 11 05:41:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 11 05:38:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	292554	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259410	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76170	17.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.20%
7) Chloroethane-d5	2.89	69	59540	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	138778	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.07	46	76633	43.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.10%
24) Chloroform-d	7.65	84	172384	21.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	8.37	65	194	0.04	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.16%#
29) Benzene-d6	8.27	84	355790	22.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.04%
33) 1,2-Dichloropropane-d6	9.27	67	119983	23.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.24%
37) Toluene-d8	10.32	98	314675	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	45891	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.96%
39) 2-Hexanone-d5	10.92	63	49690	41.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96544	22.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	108342	22.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.96%

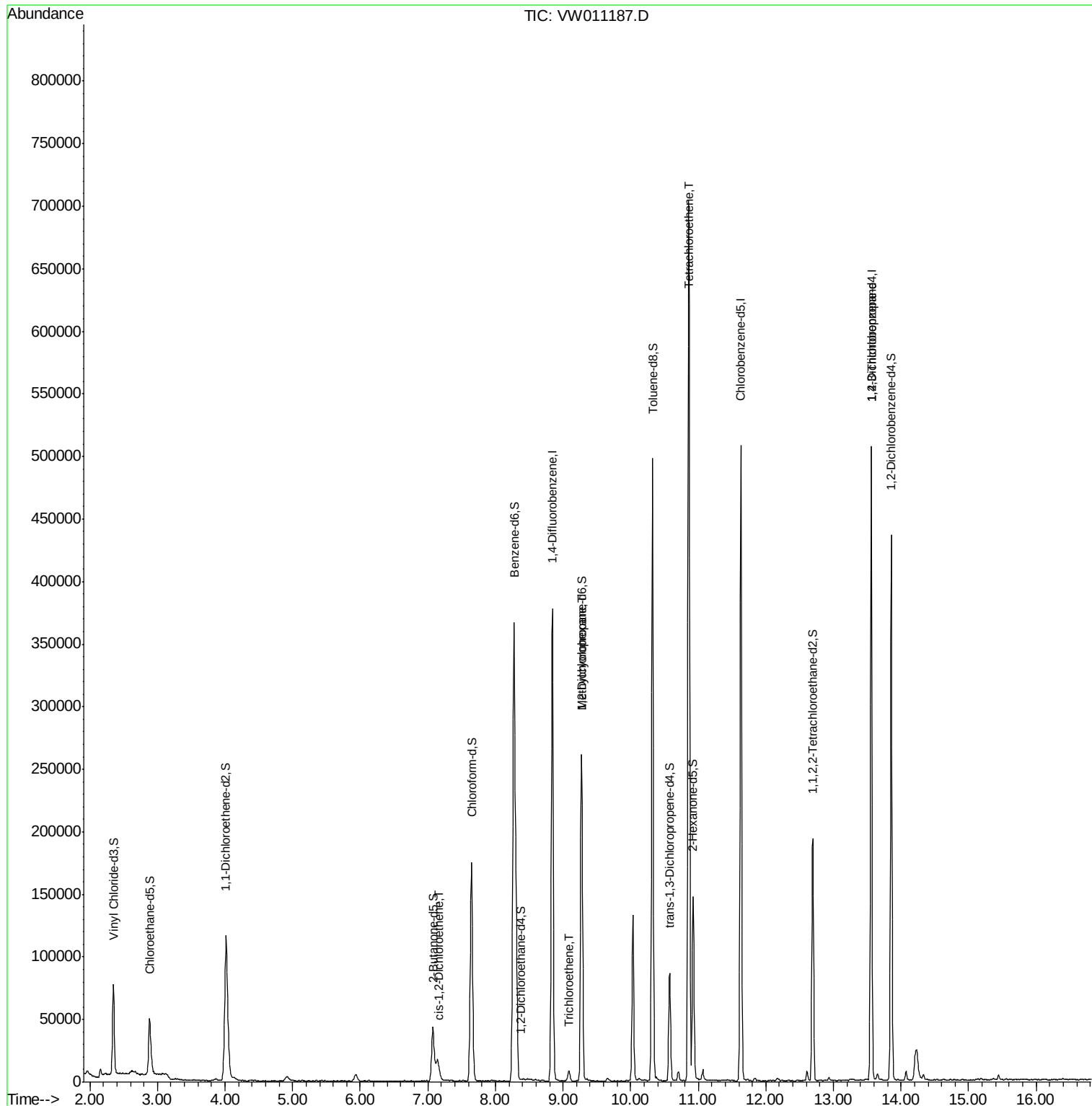
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	7.17	96	2791	0.664	ug/L	88
35) Trichloroethene	9.09	95	2489	0.608	ug/L	89
36) Methylcyclohexane	9.27	83	26816	3.642	ug/L #	14
47) Tetrachloroethene	10.86	164	152047	49.173	ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	16578	5.274	ug/L	90

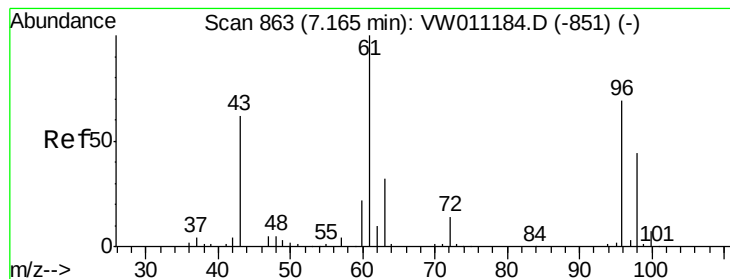
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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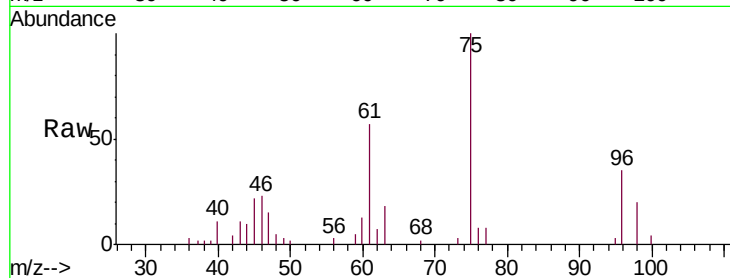


#22

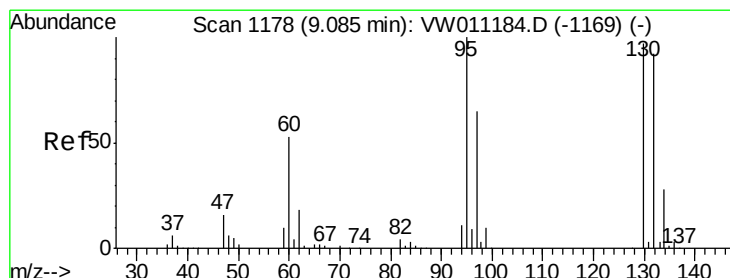
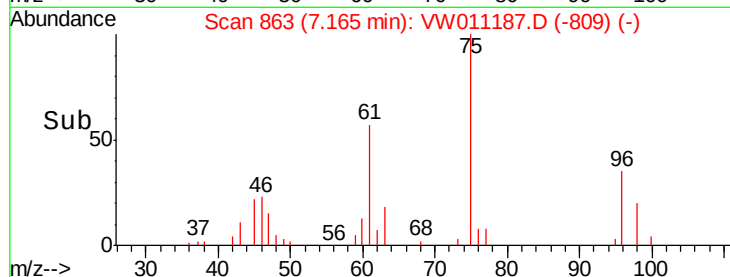
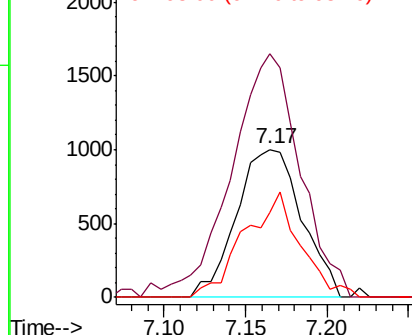
cis-1,2-Dichloroethene
Concen: 0.664 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011187.D
Acq: 10 Jul 2019 11:17

Instrument :
MSVOA_W
ClientSampleId :
DB8T1

Tgt Ion: 96 Resp: 2791
Ion Ratio Lower Upper
96 100
61 164.7 103.2 191.6
98 57.5 44.8 83.2



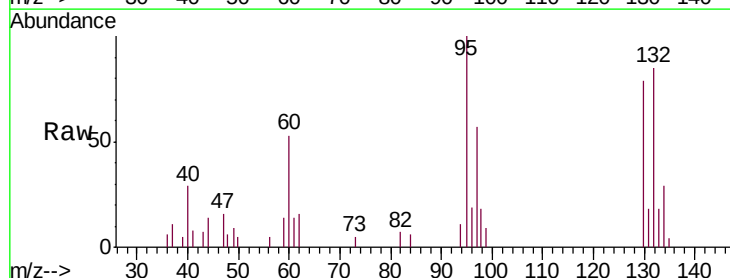
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



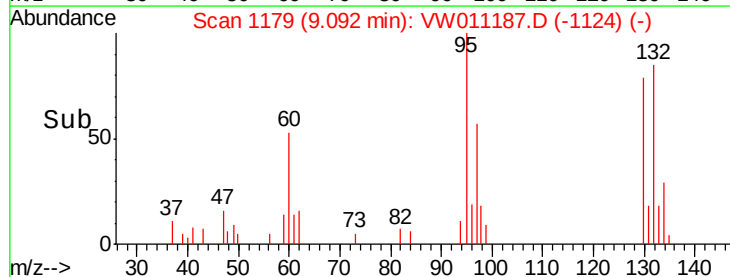
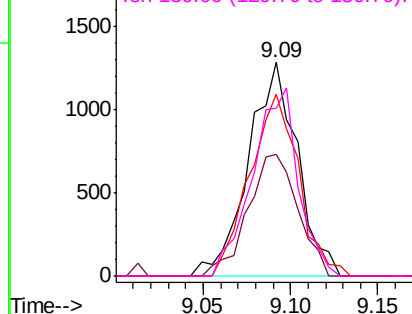
#35

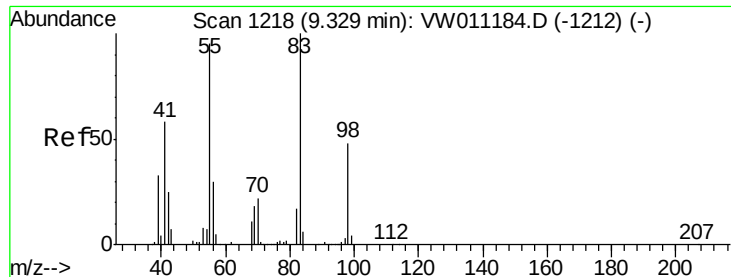
Trichloroethene
Concen: 0.608 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW011187.D
Acq: 10 Jul 2019 11:17

Tgt Ion: 95 Resp: 2489
Ion Ratio Lower Upper
95 100
97 58.3 45.4 84.2
132 85.3 65.0 120.8
130 82.5 67.8 126.0



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

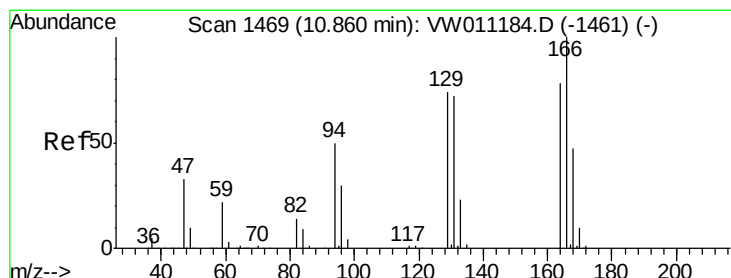
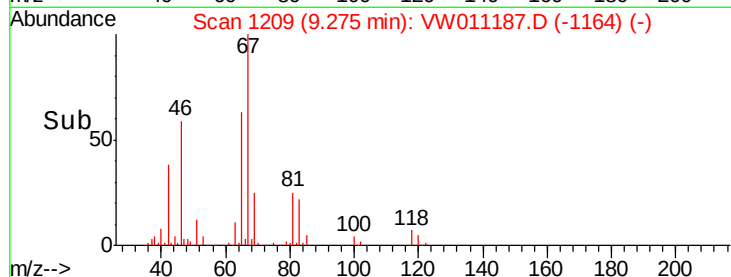
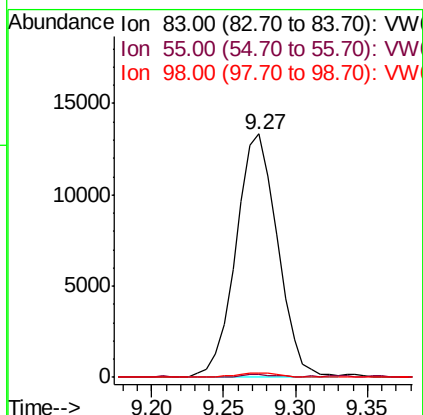
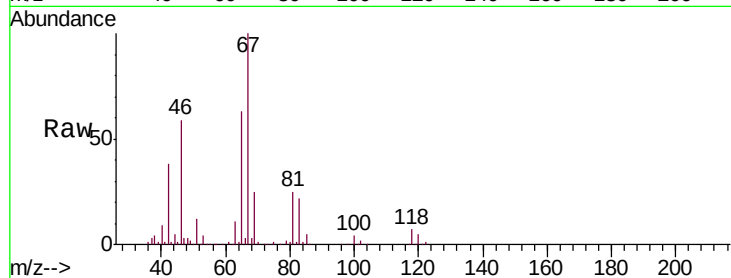




#36
Methylcyclohexane
Concen: 3.642 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.05 min
Lab File: VW011187.D
Acq: 10 Jul 2019 11:17

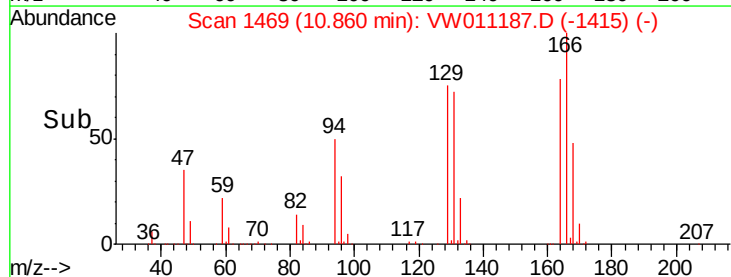
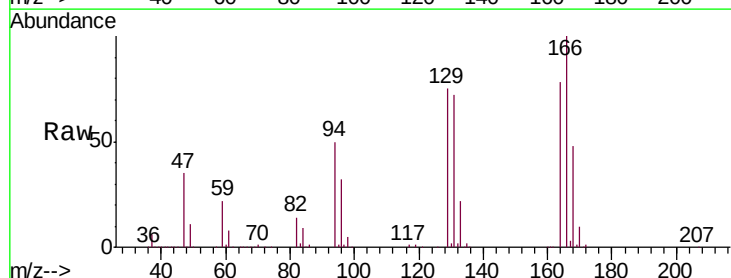
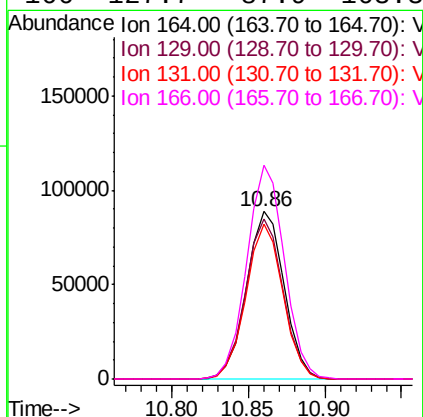
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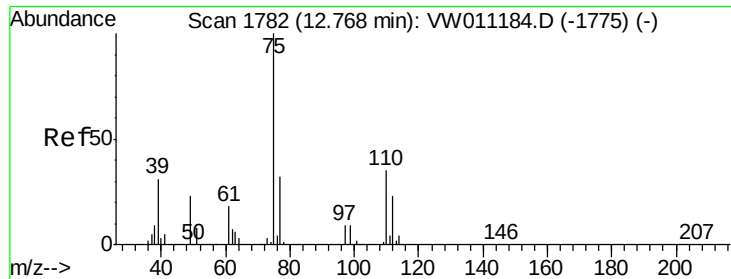
Tgt Ion: 83 Resp: 26816
Ion Ratio Lower Upper
83 100
55 1.0 72.2 108.4#
98 1.8 38.2 57.4#



#47
Tetrachloroethene
Concen: 49.173 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011187.D
Acq: 10 Jul 2019 11:17

Tgt Ion: 164 Resp: 152047
Ion Ratio Lower Upper
164 100
129 95.4 68.5 127.1
131 92.4 64.8 120.4
166 127.7 87.9 163.3





#59

1,2,3-Trichloropropane

Concen: 5.274 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011187.D

Acq: 10 Jul 2019 11:17

Instrument :

MSVOA_W

ClientSampleId :

DB8T1

Tgt Ion: 75 Resp: 16578

Ion Ratio Lower Upper

75 100

77 37.5 25.4 38.0

