

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009324.D
 Acq On : 21 Mar 2019 13:52
 Operator : SY/VA
 Sample : K1988-21
 Misc : 5.26G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 22 09:43:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 09:38:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	376561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144709	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113982	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.32%
7) Chloroethane-d5	2.89	69	110213	20.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.72%
10) 1,1-Dichloroethene-d2	4.02	63	172423	17.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.92%
20) 2-Butanone-d5	7.07	46	56007	30.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.20%
24) Chloroform-d	7.64	84	240933	23.45	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	8.31	65	137733	22.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.00%
29) Benzene-d6	8.27	84	447876	24.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.04%
33) 1,2-Dichloropropane-d6	9.27	67	135009	24.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.36%
37) Toluene-d8	10.32	98	389369	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.28%
38) trans-1,3-Dichloropropene-	10.58	79	55022	19.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.20%
39) 2-Hexanone-d5	10.93	63	40472	29.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109258	19.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.20%
61) 1,2-Dichlorobenzene-d4	13.86	152	128061	23.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.32%

Target Compounds

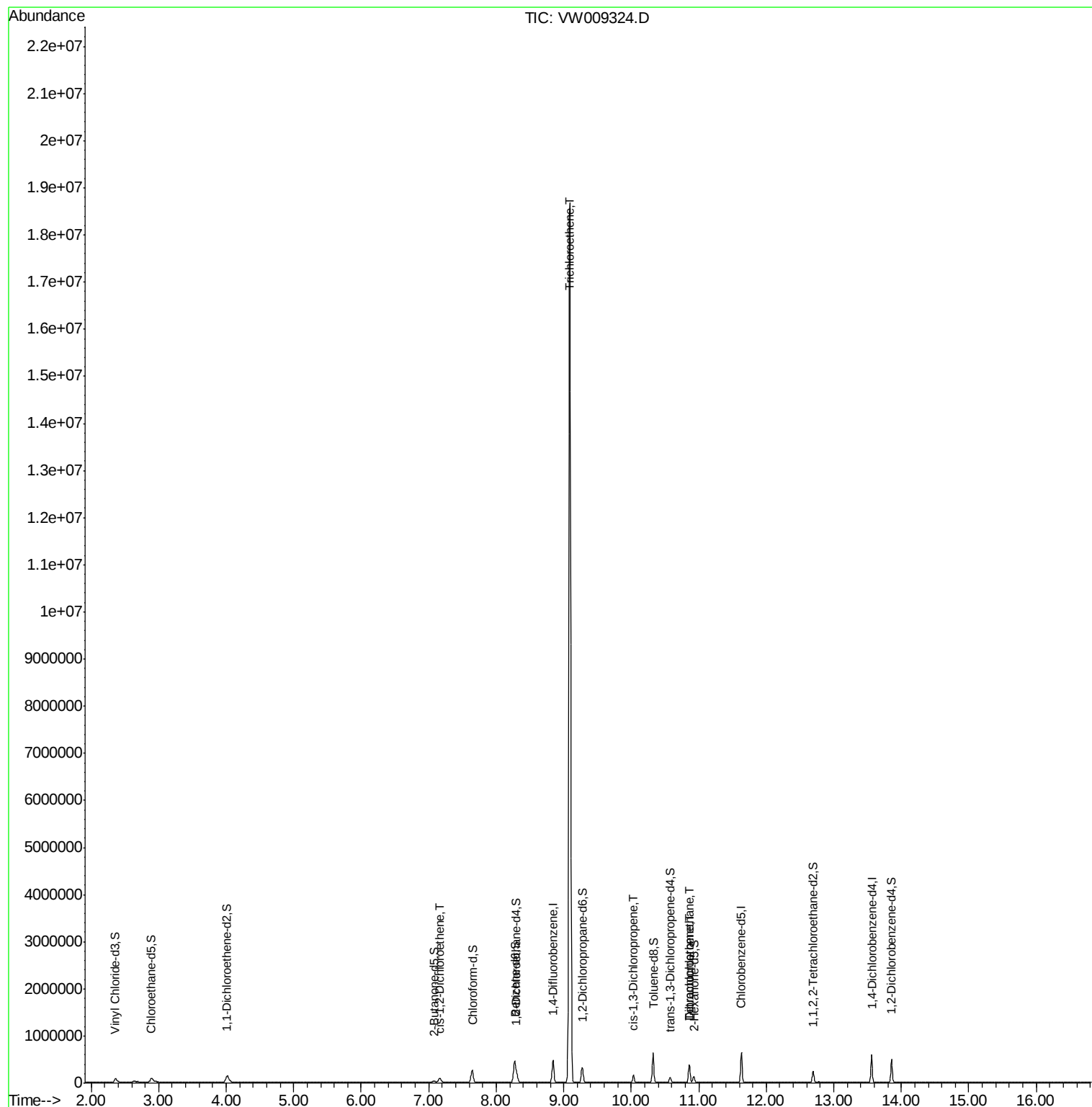
					Ovalue
22) cis-1,2-Dichloroethene	7.17	96	46945	8.889 ug/L	98
35) Trichloroethene	9.09	95	5821859	1180.018 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	4479	0.579 ug/L #	52
47) Tetrachloroethene	10.86	164	78116	18.739 ug/L	99
50) Dibromochloromethane	10.86	129	73239	15.652 ug/L #	9

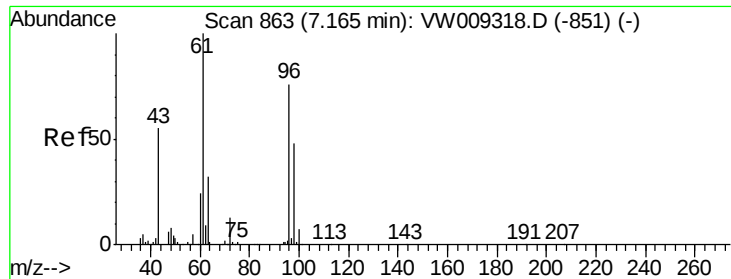
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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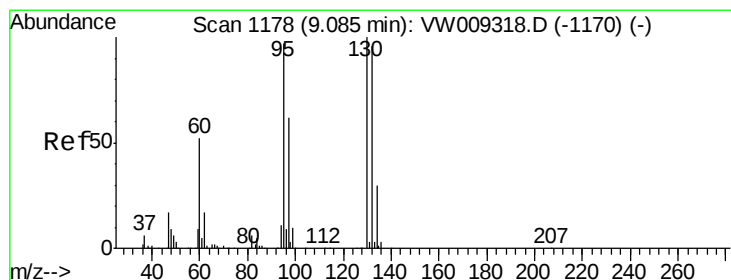
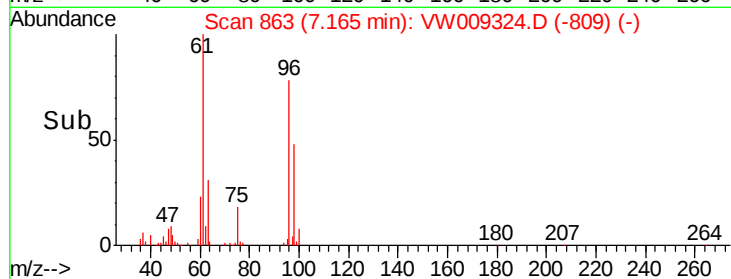
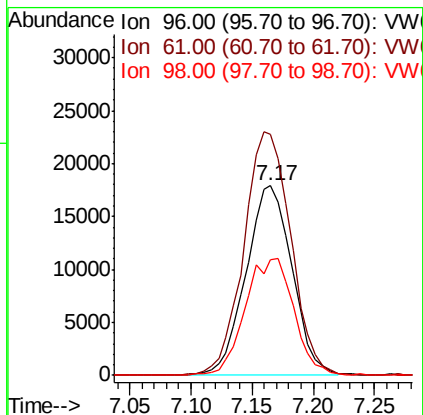
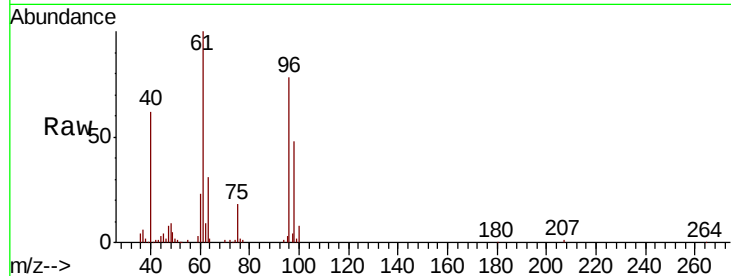


#22

cis-1,2-Dichloroethene
Concen: 8.889 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009324.D
Acq: 21 Mar 2019 13:52

Instrument :
MSVOA_W
ClientSampleId :

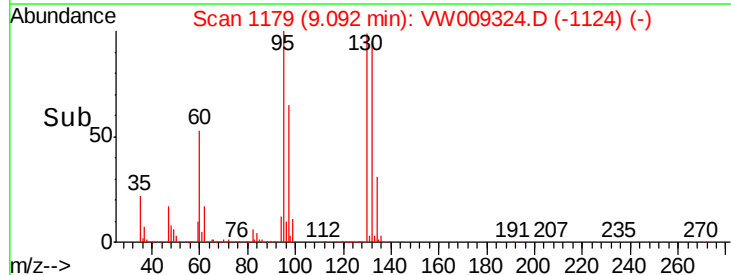
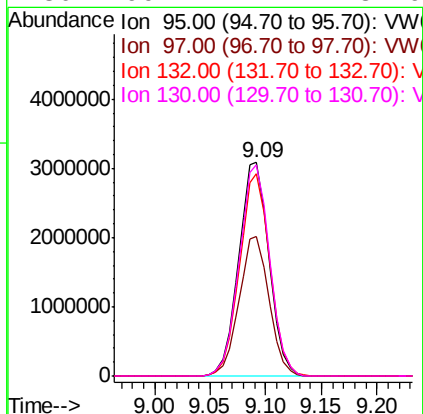
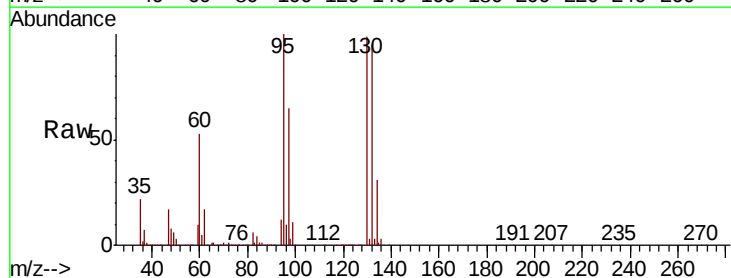
Tot Ion: 96 Resp: 46945
Ion Ratio Lower Upper
96 100
61 127.4 90.6 168.3
98 60.9 44.0 81.8

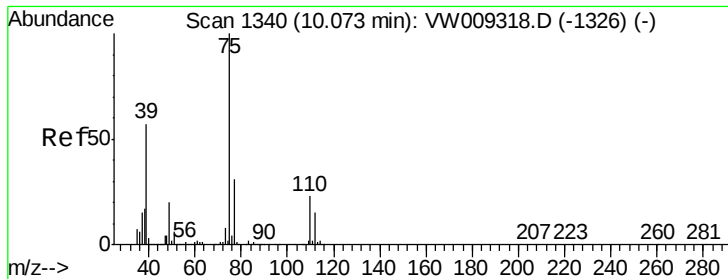


#35

Trichloroethene
Concen: 1180.018 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009324.D
Acq: 21 Mar 2019 13:52

Tgt Ion: 95 Resp: 5821859
Ion Ratio Lower Upper
95 100
97 64.6 44.7 82.9
132 94.8 69.0 128.2
130 99.2 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.579 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009324.D

Acq: 21 Mar 2019 13:52

Instrument :

MSVOA_W

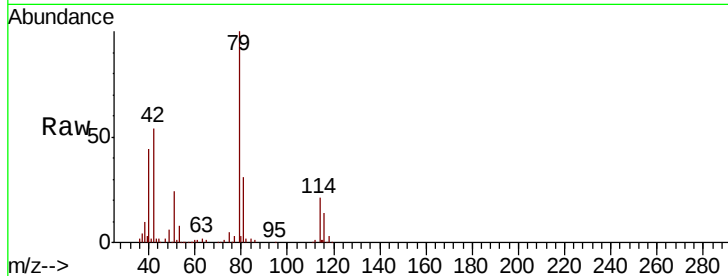
ClientSampled :

Tot Ion: 75 Resp: 4479

Ion Ratio Lower Upper

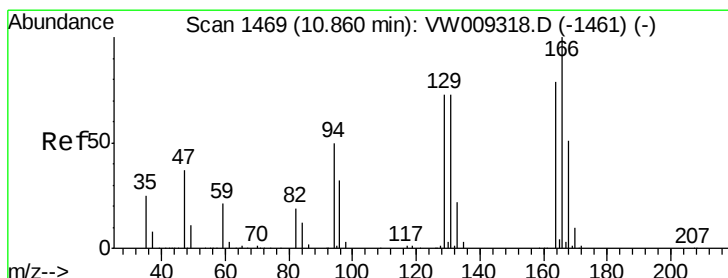
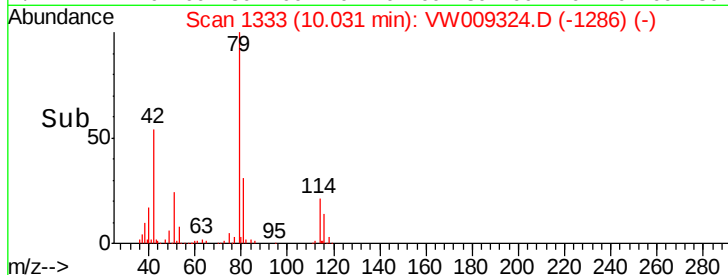
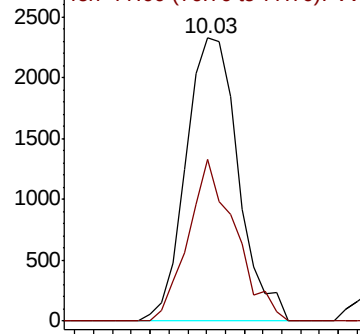
75 100

77 57.0 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 18.739 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009324.D

Acq: 21 Mar 2019 13:52

Tgt Ion:164 Resp: 78116

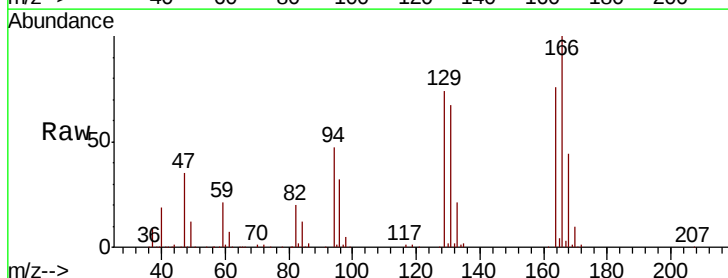
Ion Ratio Lower Upper

164 100

129 96.9 66.5 123.5

131 88.3 62.6 116.3

166 131.9 91.6 170.0

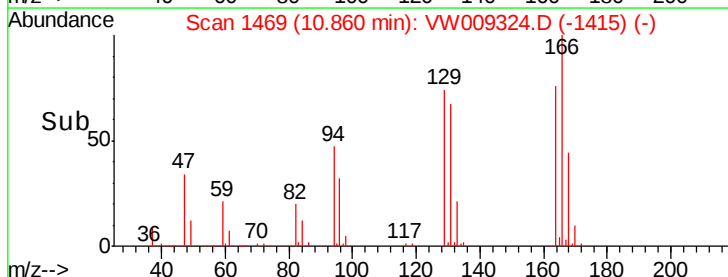
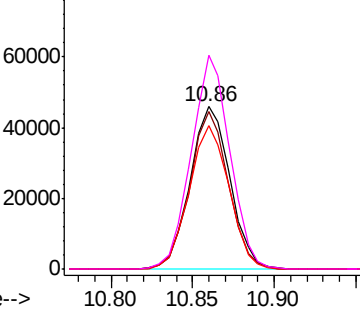


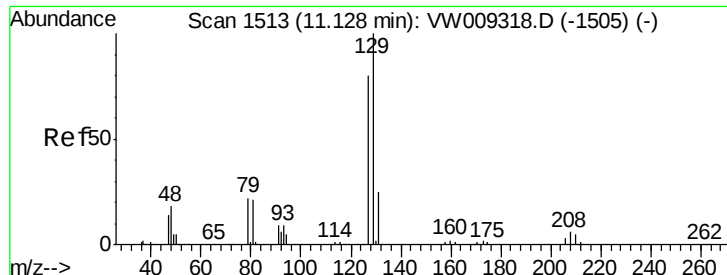
Abundance Ion 164.00 (163.70 to 164.70): V

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: 15.652 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009324.D

Acq: 21 Mar 2019 13:52

Instrument :

MSVOA_W

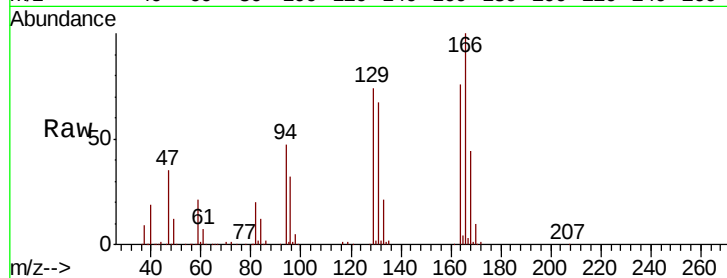
ClientSampleId :

Tot Ion:129 Resp: 73239

Ion Ratio Lower Upper

129 100

127 0.4 56.8 105.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

