

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\
 Data File : VW009224.D
 Acq On : 18 Mar 2019 12:30
 Operator : SY/VA
 Sample : K1949-08
 Misc : 6.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0Y9

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 9:18:53 AM

Quant Time: Mar 19 01:29:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 18 11:10:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366033	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	354106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	164849	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113163	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.48%
7) Chloroethane-d5	2.90	69	105113	20.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.16%
10) 1,1-Dichloroethene-d2	4.01	63	171929	18.19	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.08	46	69489	38.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.82%
24) Chloroform-d	7.65	84	226504	22.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	8.31	65	133590m	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.80%
29) Benzene-d6	8.27	84	435384	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	131041	22.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.36%
37) Toluene-d8	10.32	98	386547	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.64%
38) trans-1,3-Dichloropropene-	10.58	79	58258	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.12%
39) 2-Hexanone-d5	10.93	63	54930	38.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	117912	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	150246	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds					Ovalue
13) Acetone	4.12	43	6130	4.132 ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	100487	19.574 ug/L	95
35) Trichloroethene	9.09	95	52148	10.097 ug/L	99
47) Tetrachloroethene	10.86	164	36022	8.255 ug/L	97

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

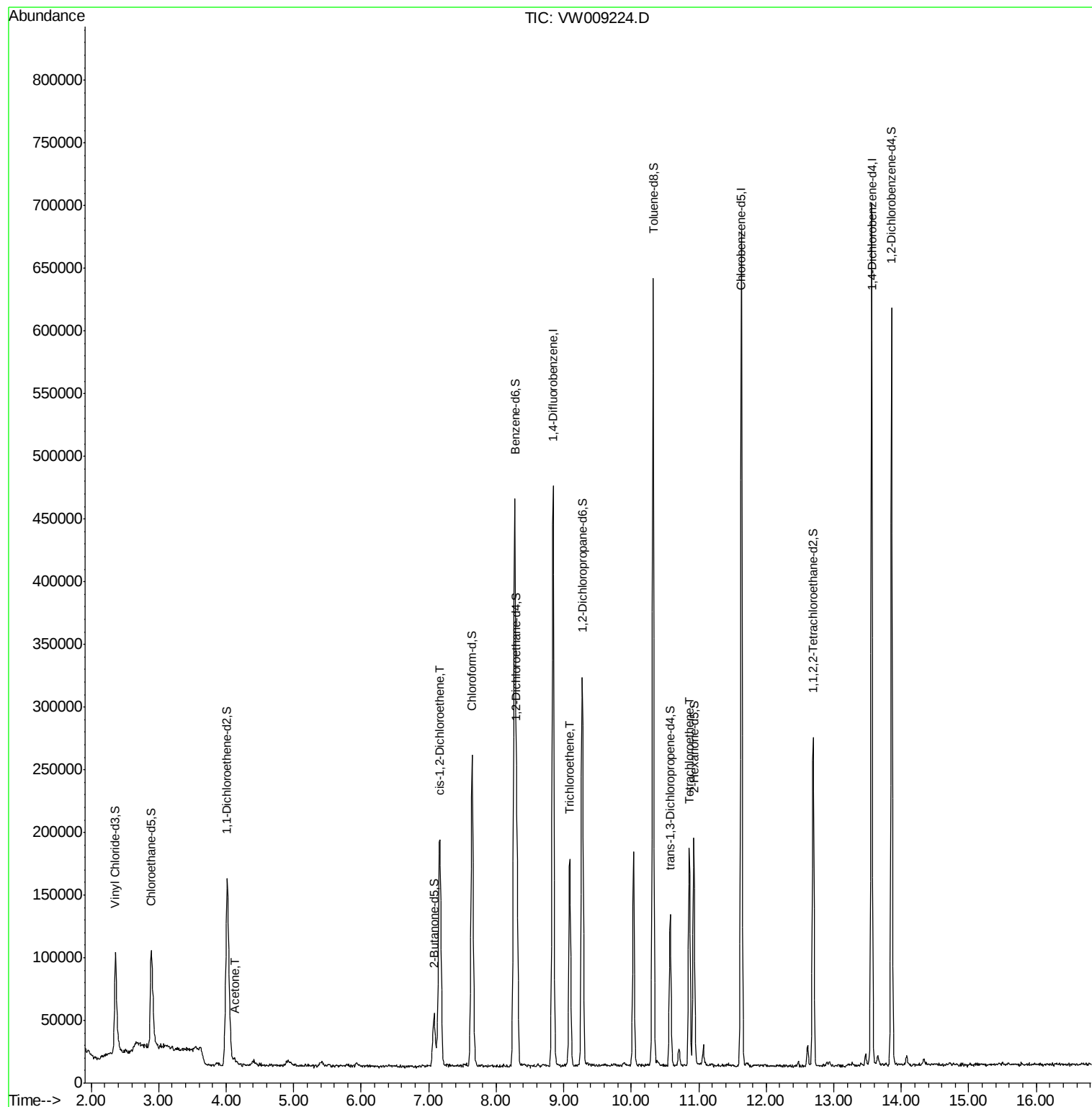
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW031819\
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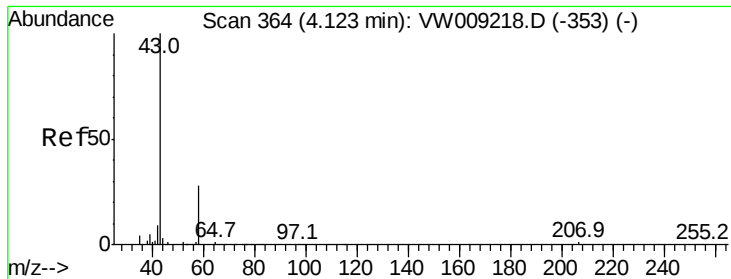
Instrument :
MSVOA_W
ClientSampleId :
BF0Y9

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Quant Time: Mar 19 01:29:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 11:10:57 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.132 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

BF0Y9

Tot Ion: 43 Resp: 6130

Ion Ratio Lower Upper

43 100

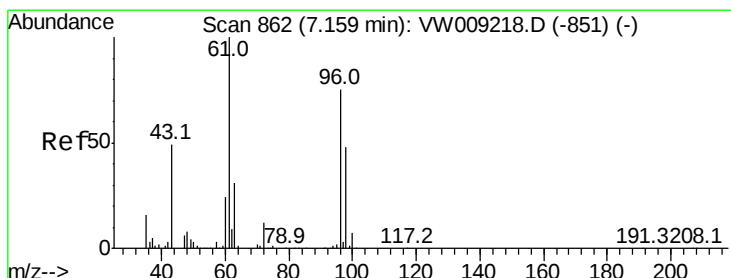
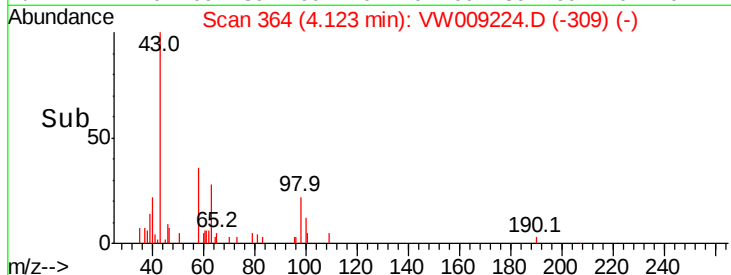
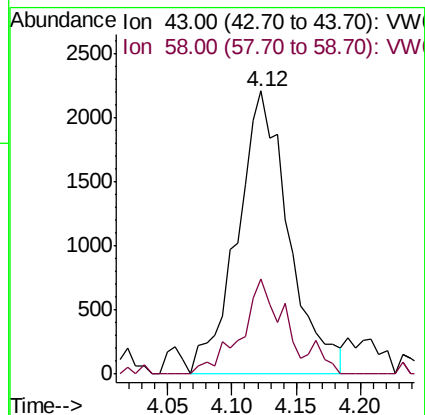
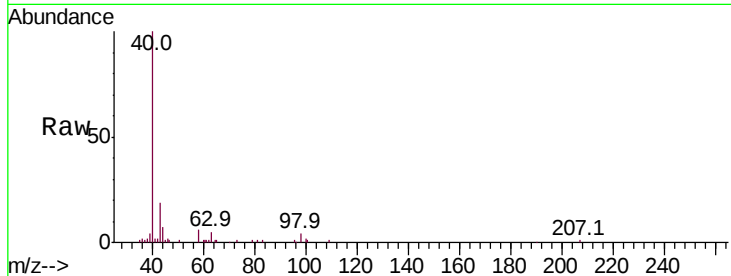
58 17.0 0.0 56.2

Manual Integrations

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3/20/2019 9:18:53 AM



#22

cis-1,2-Dichloroethene

Concen: 19.574 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

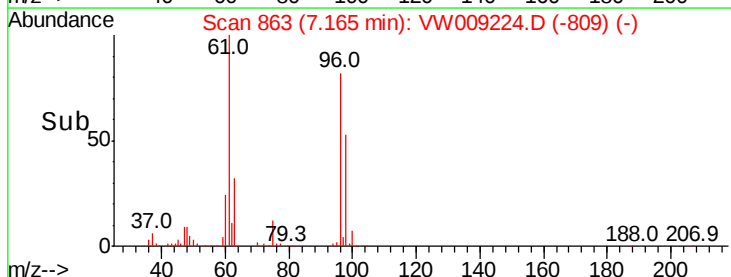
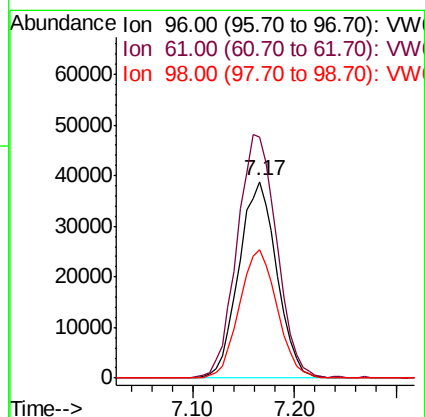
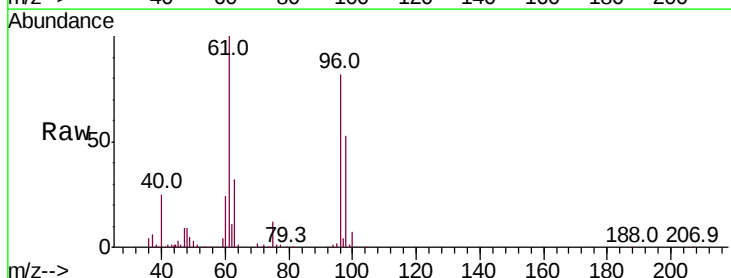
Tgt Ion: 96 Resp: 100487

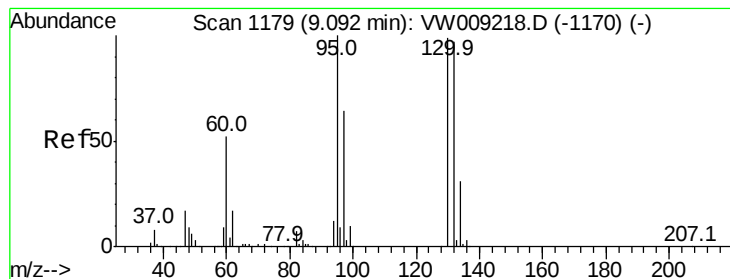
Ion Ratio Lower Upper

96 100

61 122.6 90.6 168.3

98 65.2 44.0 81.8





#35

Trichloroethene

Concen: 10.097 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

Instrument :

MSVOA_W

ClientSampleId :

BF0Y9

Tot Ion: 95 Resp: 52148

Ion Ratio Lower Upper

95 100

97 62.2 44.7 82.9

132 99.8 69.0 128.2

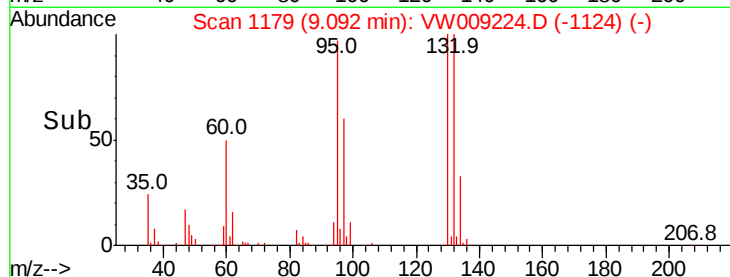
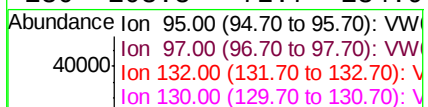
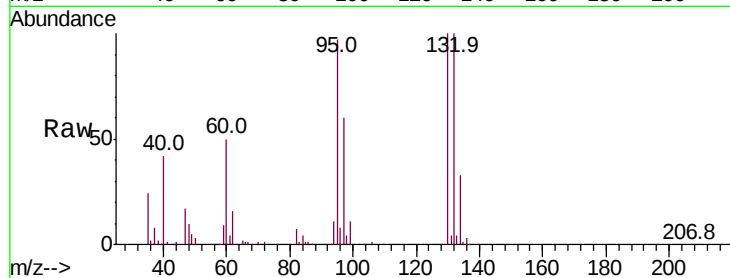
130 103.8 72.7 134.9

Manual Integrations

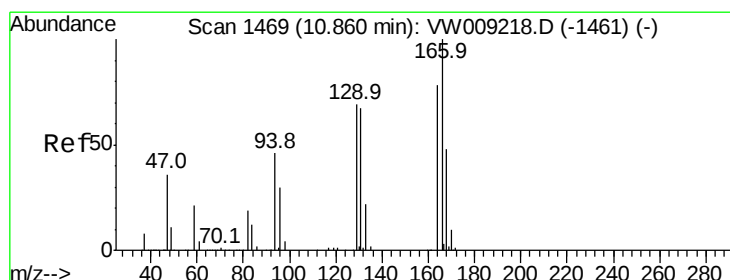
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Time-->



#47

Tetrachloroethene

Concen: 8.255 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009224.D

Acq: 18 Mar 2019 12:30

Tgt Ion:164 Resp: 36022

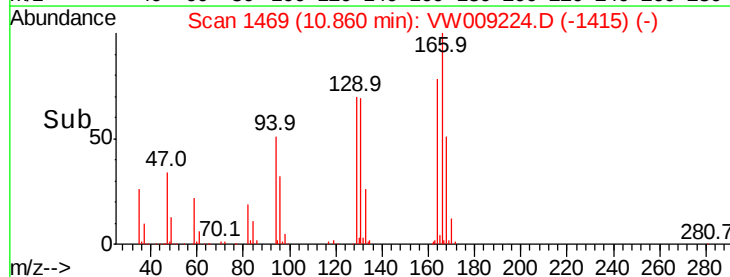
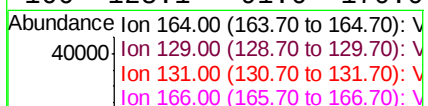
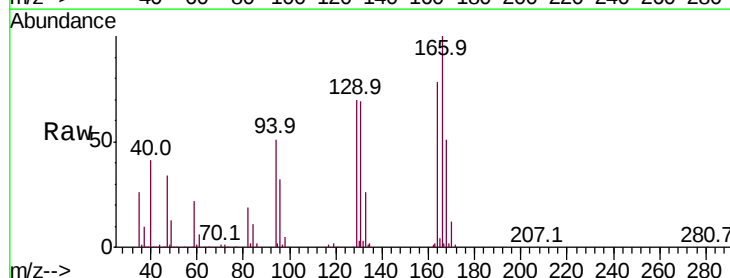
Ion Ratio Lower Upper

164 100

129 90.1 66.5 123.5

131 88.4 62.6 116.3

166 128.1 91.6 170.0



Time-->