

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073119\
 Data File : VW011586.D
 Acq On : 31 Jul 2019 14:45
 Operator : SY/VA
 Sample : K4070-18
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB9E9

Manual Integrations
 APPROVED

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 8/2/2019 4:04:51 PM

Quant Time: Aug 01 05:52:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 05:20:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315527	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	136014	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123580	24.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.04%
7) Chloroethane-d5	2.89	69	91702	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.04%
10) 1,1-Dichloroethene-d2	4.02	63	211103	18.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.80%
20) 2-Butanone-d5	7.07	46	110572	49.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.40%
24) Chloroform-d	7.65	84	245768	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	156336	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.56%
29) Benzene-d6	8.27	84	512646	25.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.36%
33) 1,2-Dichloropropane-d6	9.27	67	170127	26.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.24%
37) Toluene-d8	10.32	98	439452	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloropropene-	10.58	79	68911	24.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.20%
39) 2-Hexanone-d5	10.93	63	73359	49.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	136006	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	136254	26.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
13) Acetone	4.14	43	4739m	1.969	ug/L
22) cis-1,2-Dichloroethene	7.17	96	24450	4.443	ug/L
35) Trichloroethene	9.09	95	15955	2.842	ug/L

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

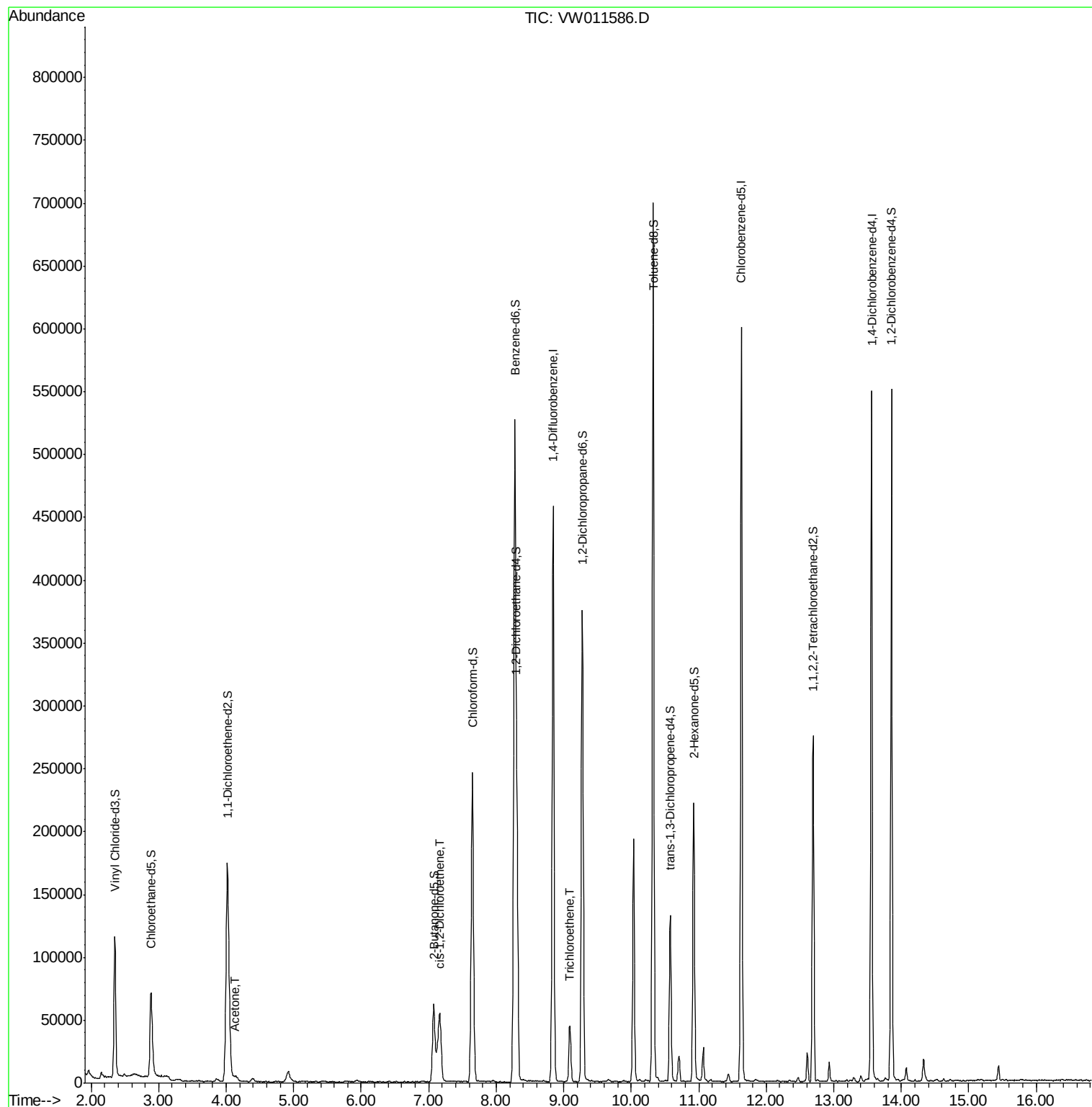
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073119\
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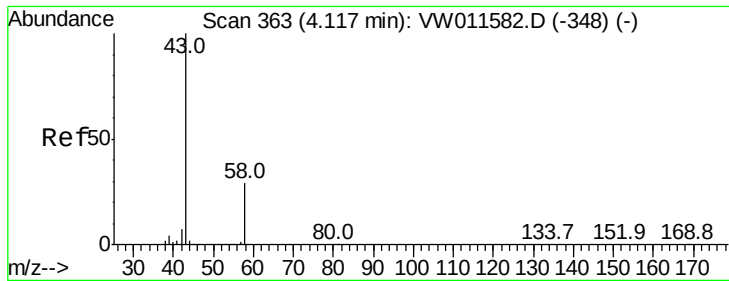
Instrument :
MSVOA_W
ClientSampleId :
DB9E9

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#13

Acetone

Concen: 1.969 ug/L m

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011586.D

Acq: 31 Jul 2019 14:45

Instrument :

MSVOA_W

ClientSampleId :

DB9E9

Tot Ion: 43 Resp: 4739

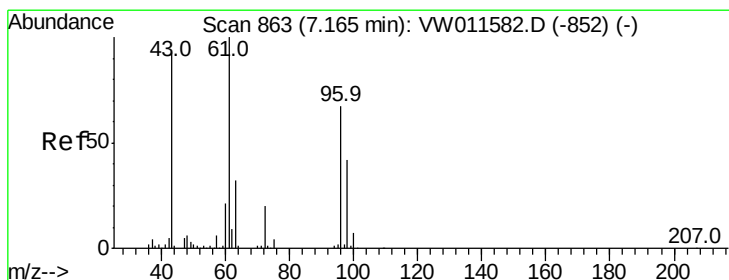
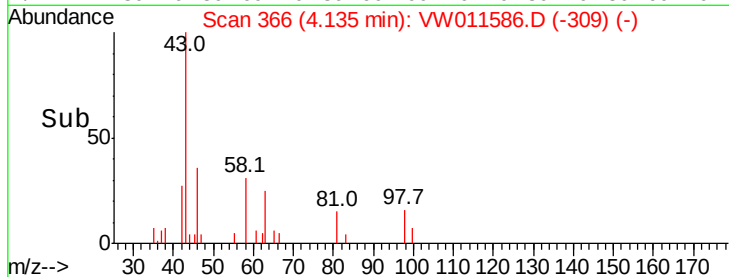
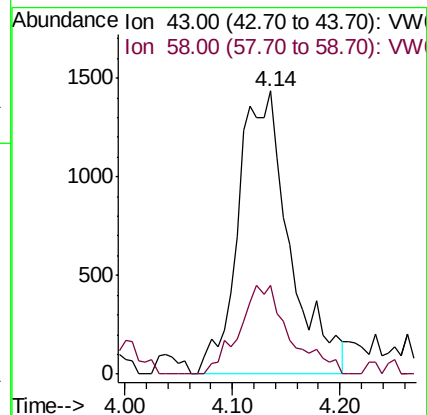
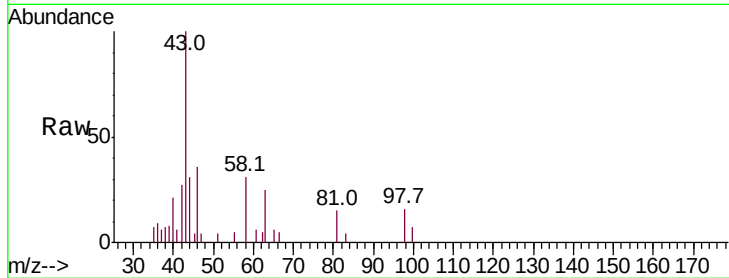
Ion Ratio Lower Upper

43 100

58 18.9 0.0 53.4

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#22

cis-1,2-Dichloroethene

Concen: 4.443 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011586.D

Acq: 31 Jul 2019 14:45

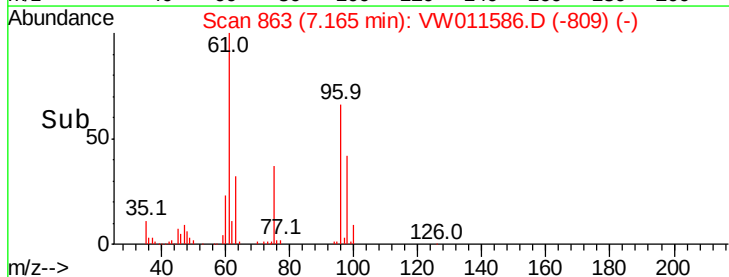
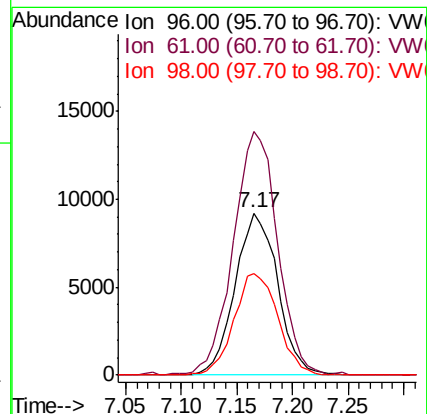
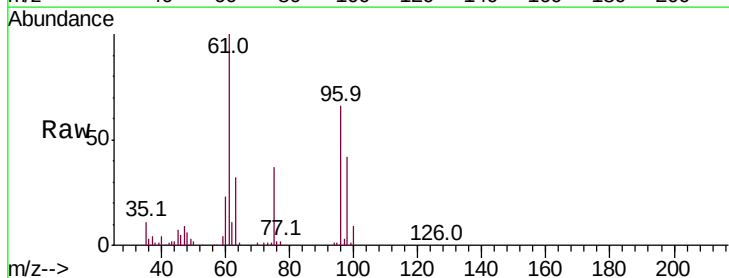
Tgt Ion: 96 Resp: 24450

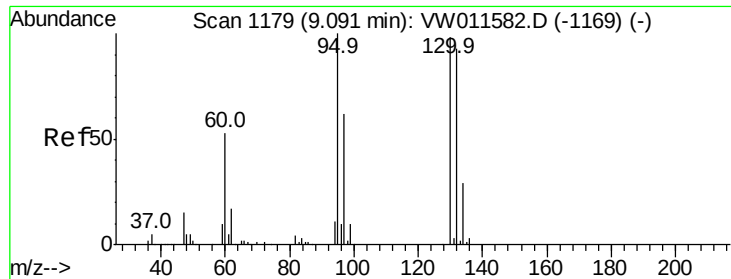
Ion Ratio Lower Upper

96 100

61 150.4 103.9 192.9

98 63.1 43.5 80.9





#35
 Trichloroethene
 Concen: 2.842 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
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Tot Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.8	83.2
132	93.1	65.0	120.6
130	94.4	68.0	126.4

Manual Integrations
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