

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032119\
 Data File : VW009330.D
 Acq On : 21 Mar 2019 16:58
 Operator : SY/VA
 Sample : K2017-09
 Misc : 5.38G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1H5

Manual Integrations
 APPROVED

MMDadoda
 3/23/2019 3:00:48 AM

Quant Time: Mar 22 10:14:35 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	328279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	135287	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	96495	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.40%
7) Chloroethane-d5	2.89	69	94360	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.24%
10) 1,1-Dichloroethene-d2	4.01	63	147059	17.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.36%
20) 2-Butanone-d5	7.08	46	88334	54.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.90%
24) Chloroform-d	7.64	84	213031	23.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	8.30	65	135199	25.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.20%
29) Benzene-d6	8.27	84	392298	23.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.48%
33) 1,2-Dichloropropane-d6	9.27	67	120970	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.92%
37) Toluene-d8	10.32	98	336556	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.80%
38) trans-1,3-Dichloropropene-	10.58	79	55139	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.16%
39) 2-Hexanone-d5	10.93	63	64100	51.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129779	25.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	126140	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

					Ovalue
13) Acetone	4.12	43	9802	7.368 ug/L	98
16) Methvlene chloride	4.92	84	11507m	2.404 ug/L	
18) trans-1,2-Dichloroethene	5.41	96	3253m	0.765 ug/L	
22) cis-1,2-Dichloroethene	7.16	96	244666	53.140 ug/L	99
35) Trichloroethene	9.09	95	24455	5.449 ug/L	97
47) Tetrachloroethene	10.87	164	2893	0.763 ug/L	82

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

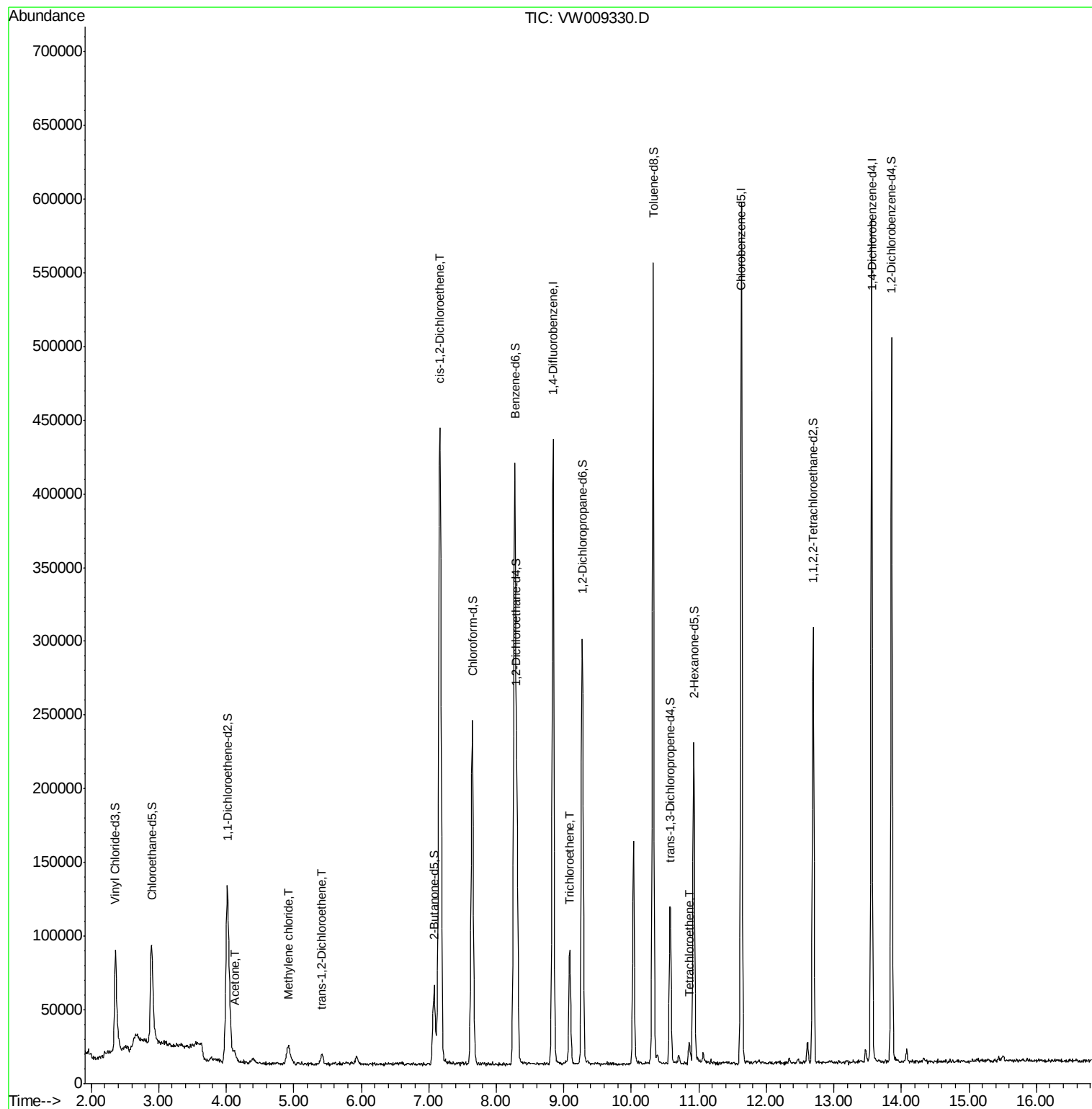
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032119\
Data File : VW009330.D
Acq On : 21 Mar 2019 16:58
Operator : SY/VA
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Misc : 5.38G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

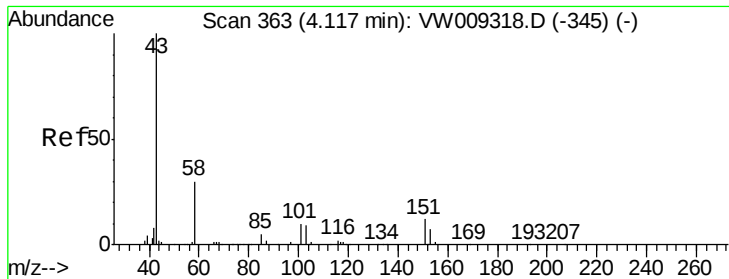
Instrument :
MSVOA_W
ClientSampleId :
BF1H5

Manual Integrations
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Quant Time: Mar 22 10:14:35 2019
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Quant Title : VOC Analysis
QLast Update : Fri Mar 22 09:38:27 2019
Response via : Initial Calibration





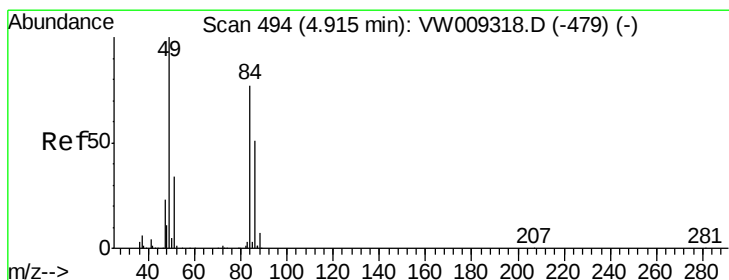
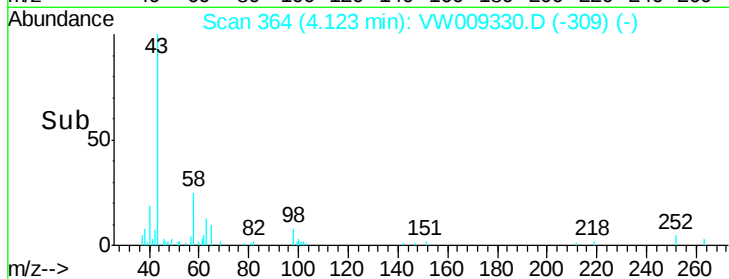
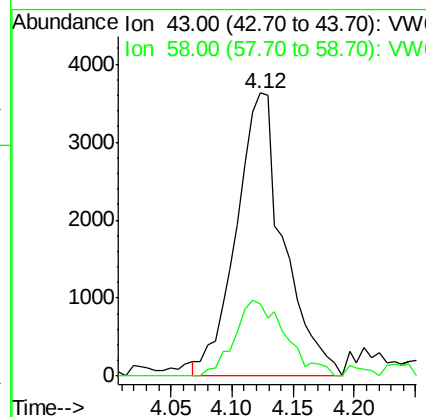
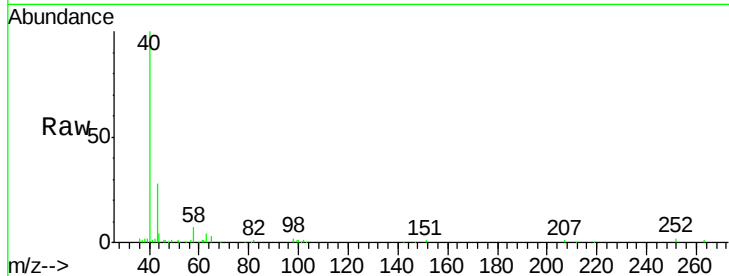
#13
Acetone
Concen: 7.368 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009330.D
Acq: 21 Mar 2019 16:58

Instrument :
MSVOA_W
ClientSampleId :
BF1H5

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	56.2

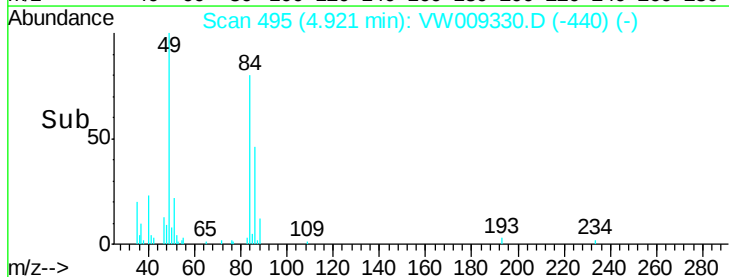
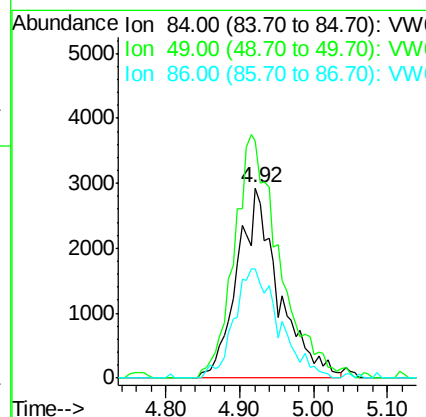
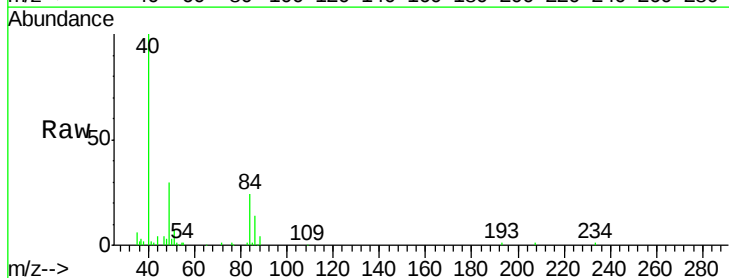
Manual Integrations
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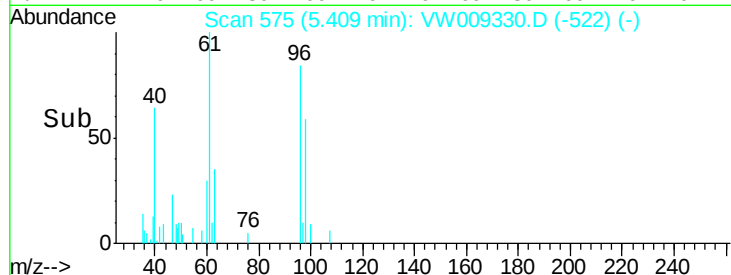
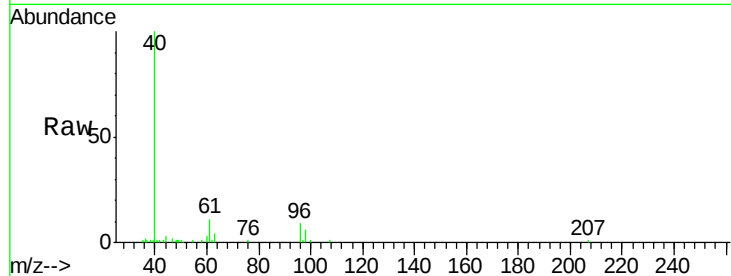
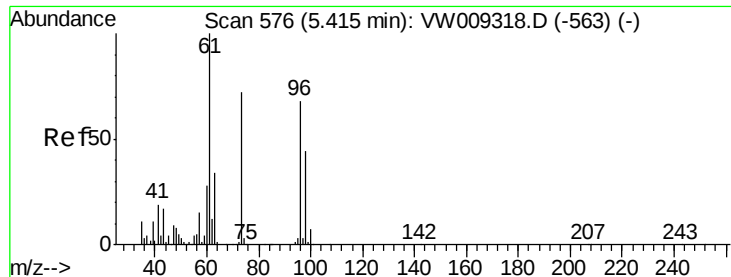
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#16
Methylene chloride
Concen: 2.404 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009330.D
Acq: 21 Mar 2019 16:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.6	96.0	178.2
86	57.1	44.4	82.5





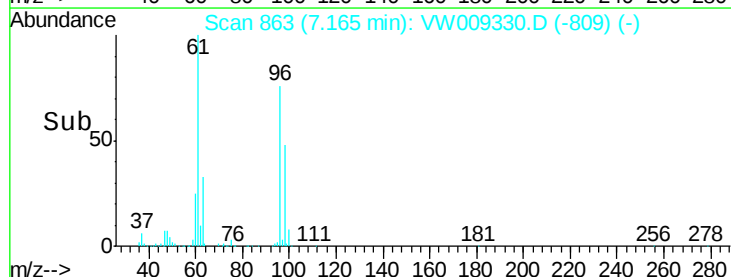
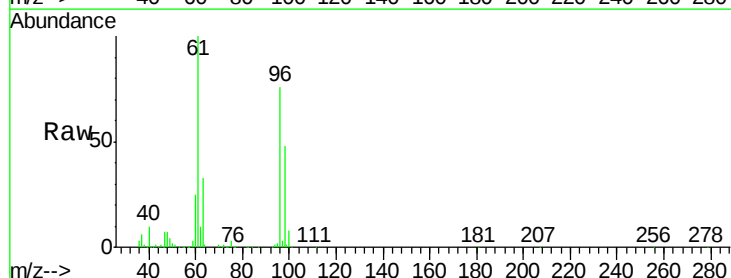
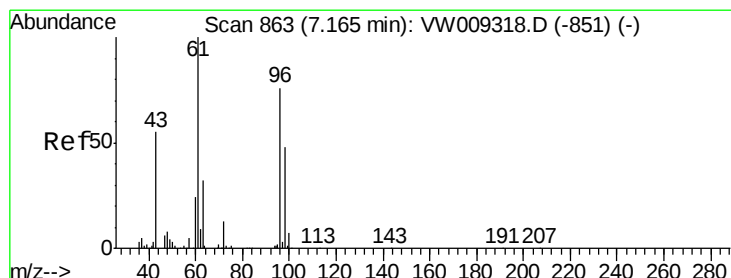
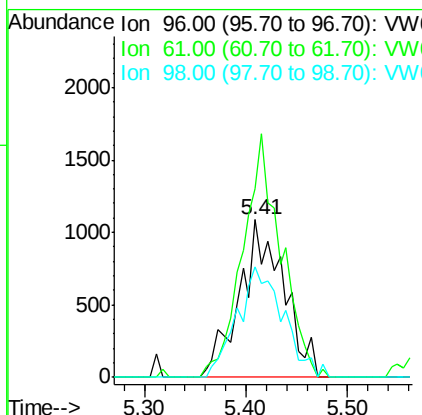
#18
trans-1,2-Dichloroethene
Concen: 0.765 ug/L m
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW009330.D
Acq: 21 Mar 2019 16:58

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.2	96.7	179.5
98	70.0	43.8	81.4

Instrument :
MSVOA_W
ClientSampled :
BF1H5

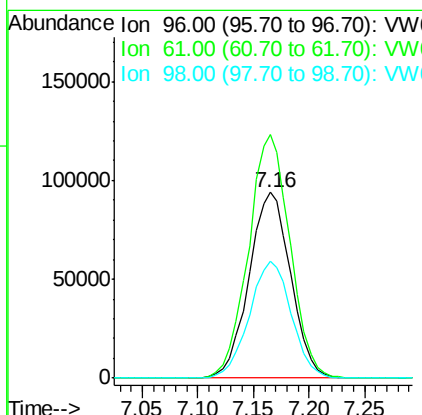
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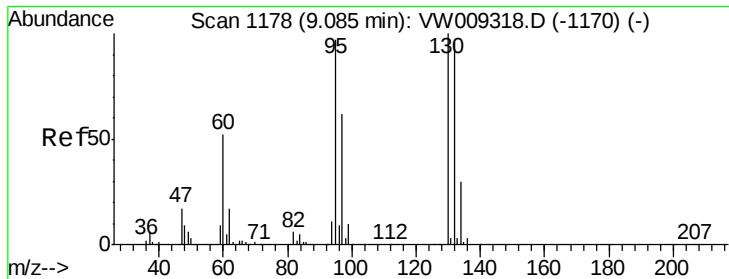
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3/23/2019 3:00:48 AM



#22
cis-1,2-Dichloroethene
Concen: 53.140 ug/L
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009330.D
Acq: 21 Mar 2019 16:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.3	90.6	168.3
98	63.0	44.0	81.8





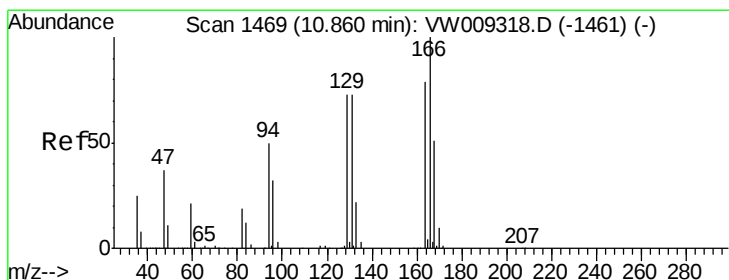
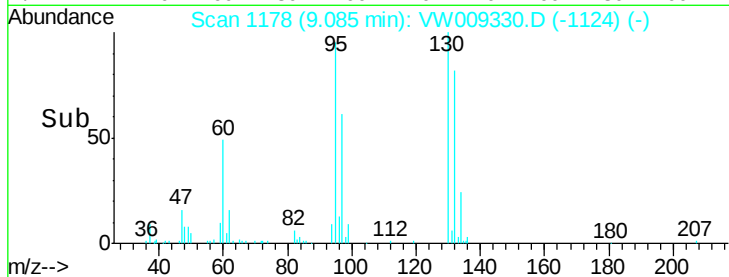
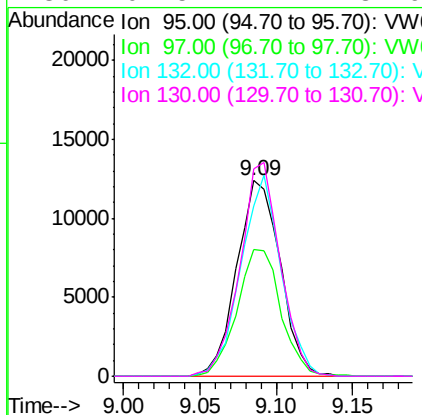
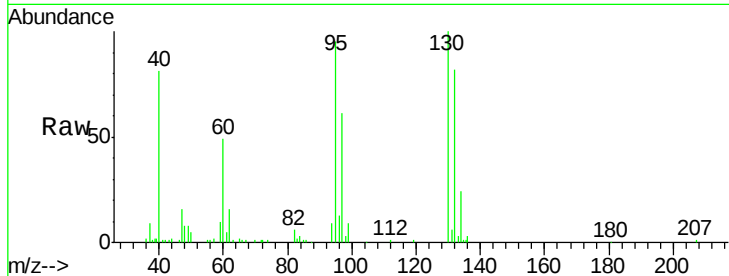
#35
 Trichloroethene
 Concen: 5.449 ug/L
 RT: 9.09 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: VW009330.D
 Acq: 21 Mar 2019 16:58

Instrument :
 MSVOA_W
 ClientSampleId :
 BF1H5

Tot Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	82.9
132	95.1	69.0	128.2
130	101.5	72.7	134.9

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.763 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW009330.D
 Acq: 21 Mar 2019 16:58

Tgt Ion	Ratio	Lower	Upper
164	100		
129	80.2	66.5	123.5
131	79.0	62.6	116.3
166	100.8	91.6	170.0

