

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009589.D
 Acq On : 30 Mar 2019 14:43
 Operator : SY/VA
 Sample : K2101-20
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0K9

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:02:09 AM

Quant Time: Mar 30 21:49:02 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M

Quant Title : VOC Analysis

QLast Update : Sat Mar 30 21:16:55 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	386562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143058	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139472	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.76%
7) Chloroethane-d5	2.89	69	126783	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.01	63	205199	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.20%
20) 2-Butanone-d5	7.07	46	77788	40.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.44%
24) Chloroform-d	7.64	84	268091	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	8.30	65	162107	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.27	84	503411	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	9.27	67	150677	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	10.32	98	442026	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.58	79	65993	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	52488	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129673	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	137067	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

					Qvalue
13) Acetone	4.12	43	9072	5.791 ug/L	82
16) Methylene chloride	4.91	84	7214m	1.280 ug/L	
18) trans-1,2-Dichloroethene	5.41	96	4187m	0.837 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	108187	19.955 ug/L	97
35) Trichloroethene	9.09	95	7776	1.480 ug/L	94
47) Tetrachloroethene	10.86	164	1739	0.392 ug/L #	86

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

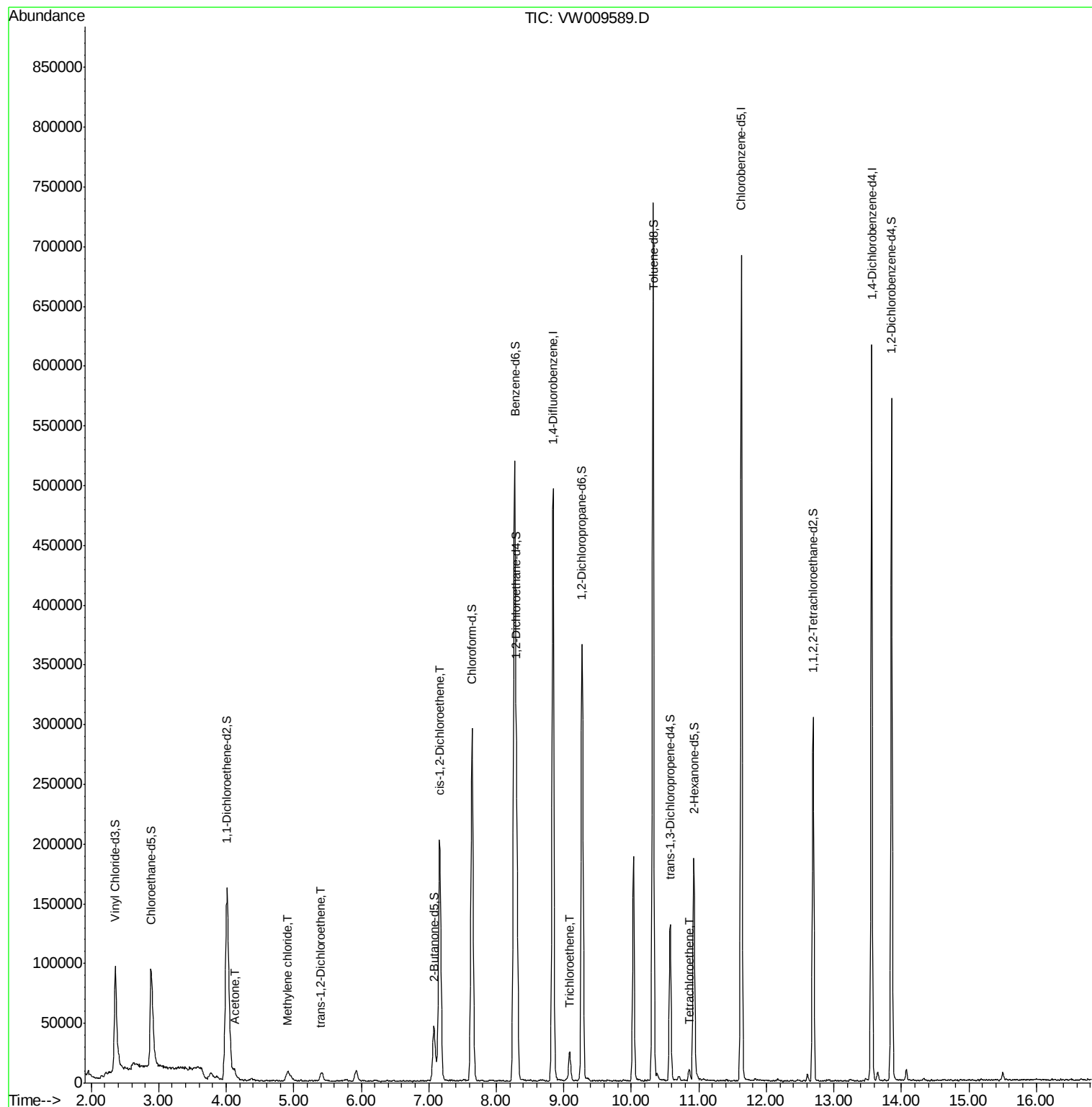
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009589.D
Acq On : 30 Mar 2019 14:43
Operator : SY/VA
Sample : K2101-20
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

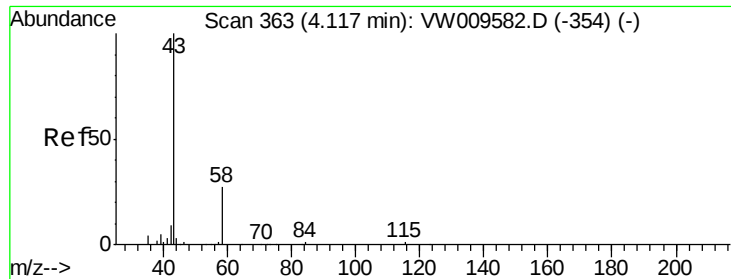
Instrument :
MSVOA_W
ClientSampleId :
BF0K9

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Quant Time: Mar 30 21:49:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 5.791 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

BF0K9

Tgt Ion: 43 Resp: 9072

Ion Ratio Lower Upper

43 100

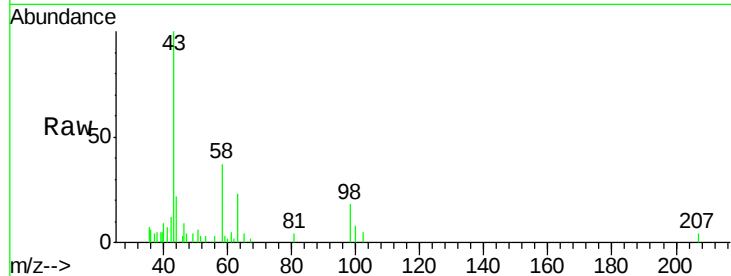
58 18.6 0.0 56.2

Manual Integrations

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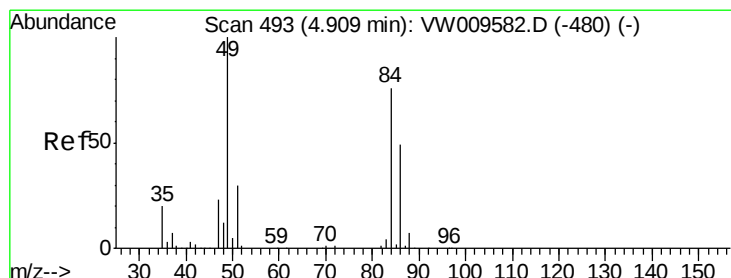
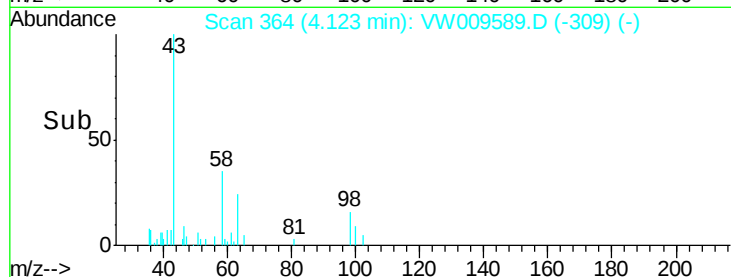
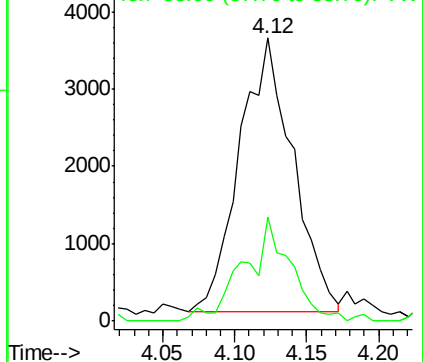
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.280 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

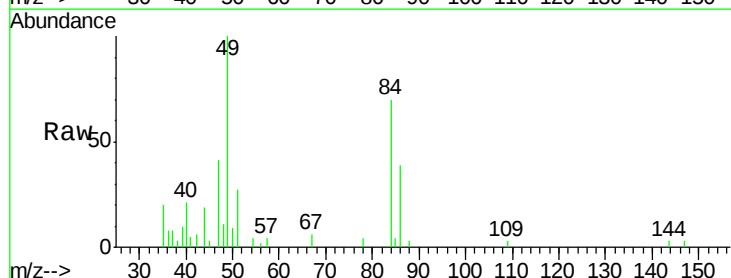
Tgt Ion: 84 Resp: 7214

Ion Ratio Lower Upper

84 100

49 143.4 96.0 178.2

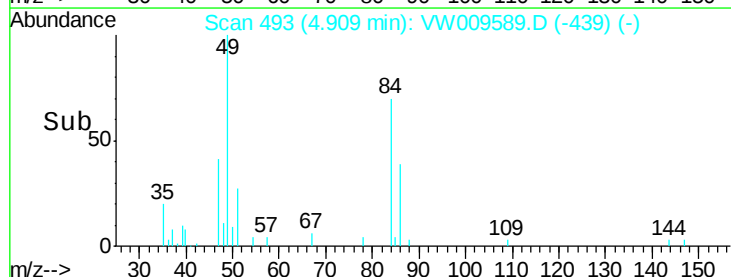
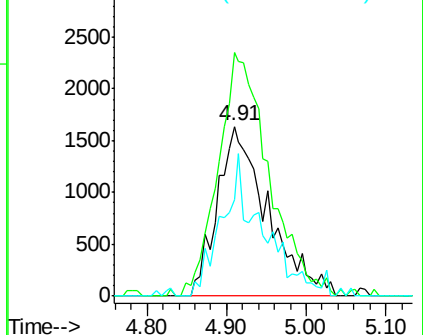
86 56.5 44.4 82.5

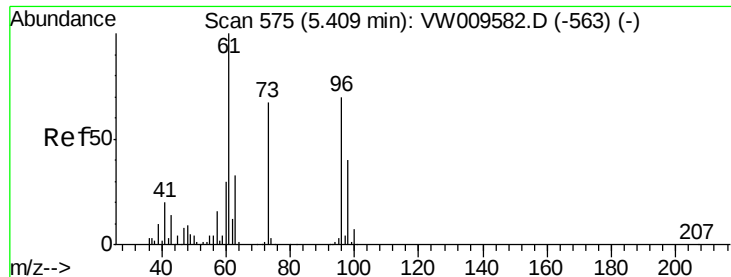


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#18

trans-1,2-Dichloroethene

Concen: 0.837 ug/L m

RT: 5.41 min Scan# 575

Delta R.T. 0.00 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Instrument :

MSVOA_W

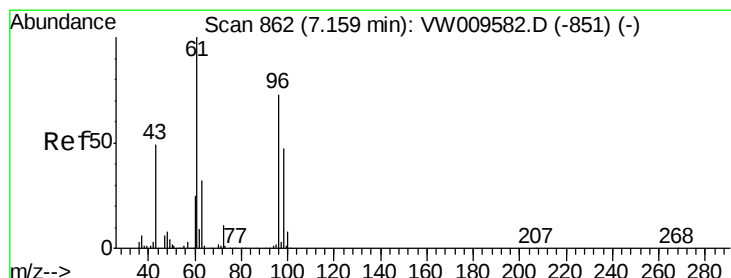
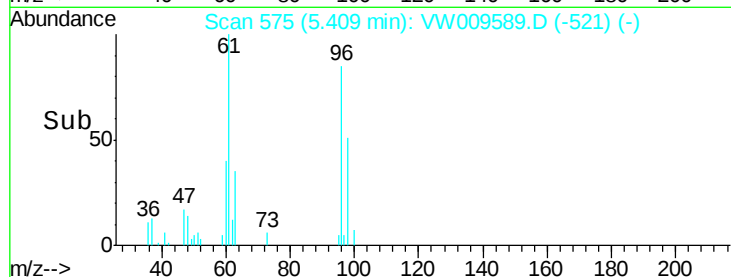
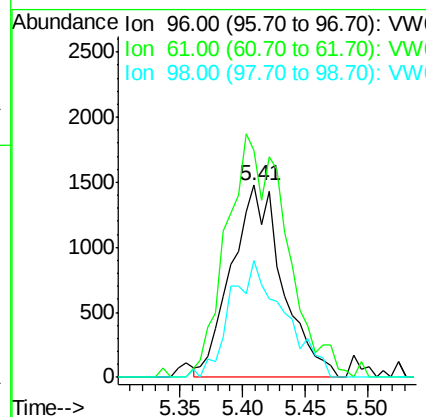
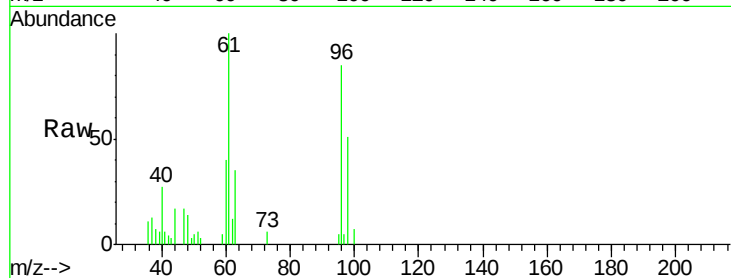
ClientSampleId :

BF0K9

Tgt Ion:	96	Resp:	4187
Ion	Ratio	Lower	Upper
96	100		
61	118.2	96.7	179.5
98	60.9	43.8	81.4

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#22

cis-1,2-Dichloroethene

Concen: 19.955 ug/L

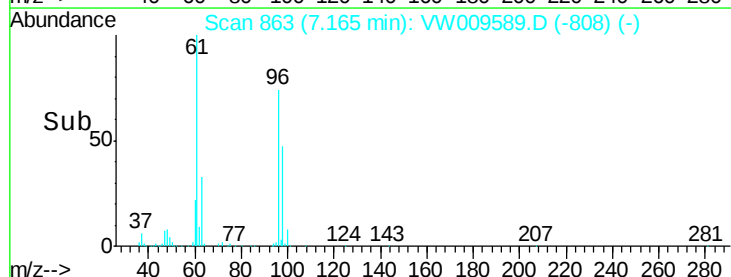
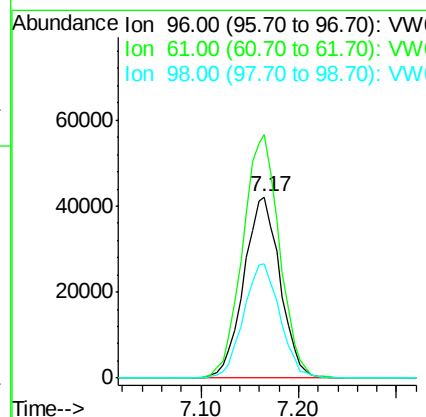
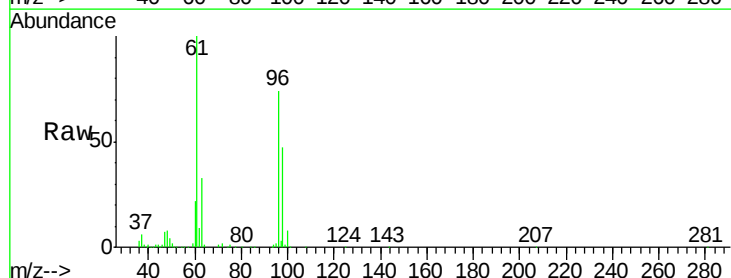
RT: 7.17 min Scan# 863

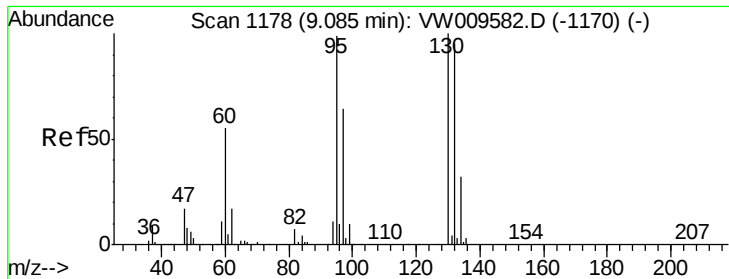
Delta R.T. 0.01 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Tgt Ion:	96	Resp:	108187
Ion	Ratio	Lower	Upper
96	100		
61	134.5	90.6	168.3
98	63.3	44.0	81.8





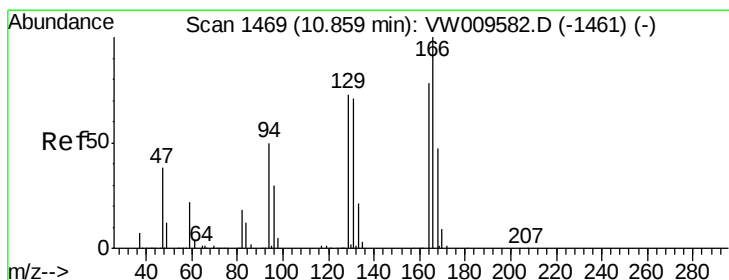
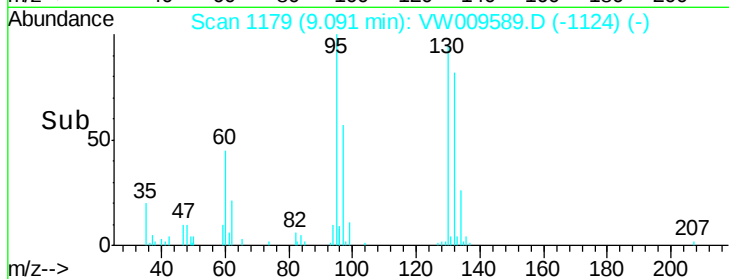
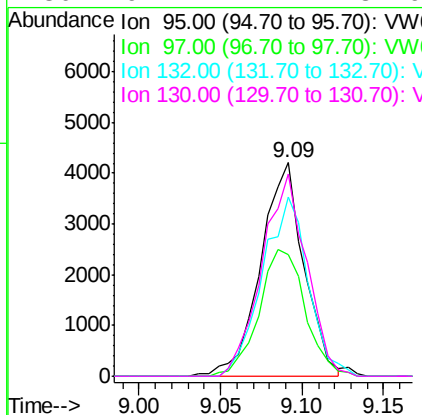
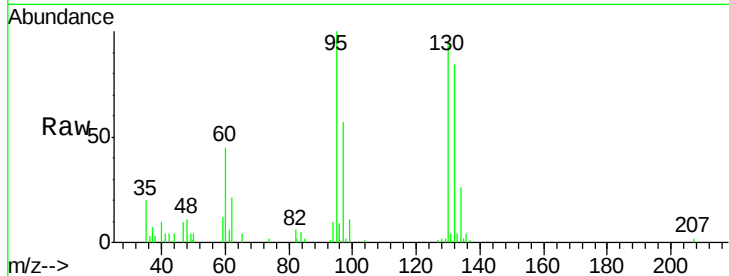
#35
 Trichloroethene
 Concen: 1.480 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VW009589.D
 Acq: 30 Mar 2019 14:43

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0K9

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.7	82.9
132	88.9	69.0	128.2
130	97.7	72.7	134.9

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#47
 Tetrachloroethene
 Concen: 0.392 ug/L
 RT: 10.86 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VW009589.D
 Acq: 30 Mar 2019 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
129	94.9	66.5	123.5
131	120.7	62.6	116.3#
166	143.3	91.6	170.0

