

Data File : VW009630.D
Acq On : 01 Apr 2019 18:21
Operator : SY/VA
Sample : K2167-14
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF115

Quant Time: Apr 02 01:37:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 02 01:34:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	472496	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	436010	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175850	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120810	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
7) Chloroethane-d5	2.89	69	120413	18.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.92%
10) 1,1-Dichloroethene-d2	4.01	63	200522	16.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.72%
20) 2-Butanone-d5	7.07	46	97680	41.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.66%
24) Chloroform-d	7.64	84	285051	22.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.44%
26) 1,2-Dichloroethane-d4	8.30	65	175966	22.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.60%
29) Benzene-d6	8.27	84	501269	20.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.40%
33) 1,2-Dichloropropane-d6	9.27	67	161568	22.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.48%
37) Toluene-d8	10.32	98	425009	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	10.58	79	71046	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.36%
39) 2-Hexanone-d5	10.93	63	74337	42.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	153583	21.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	145014	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

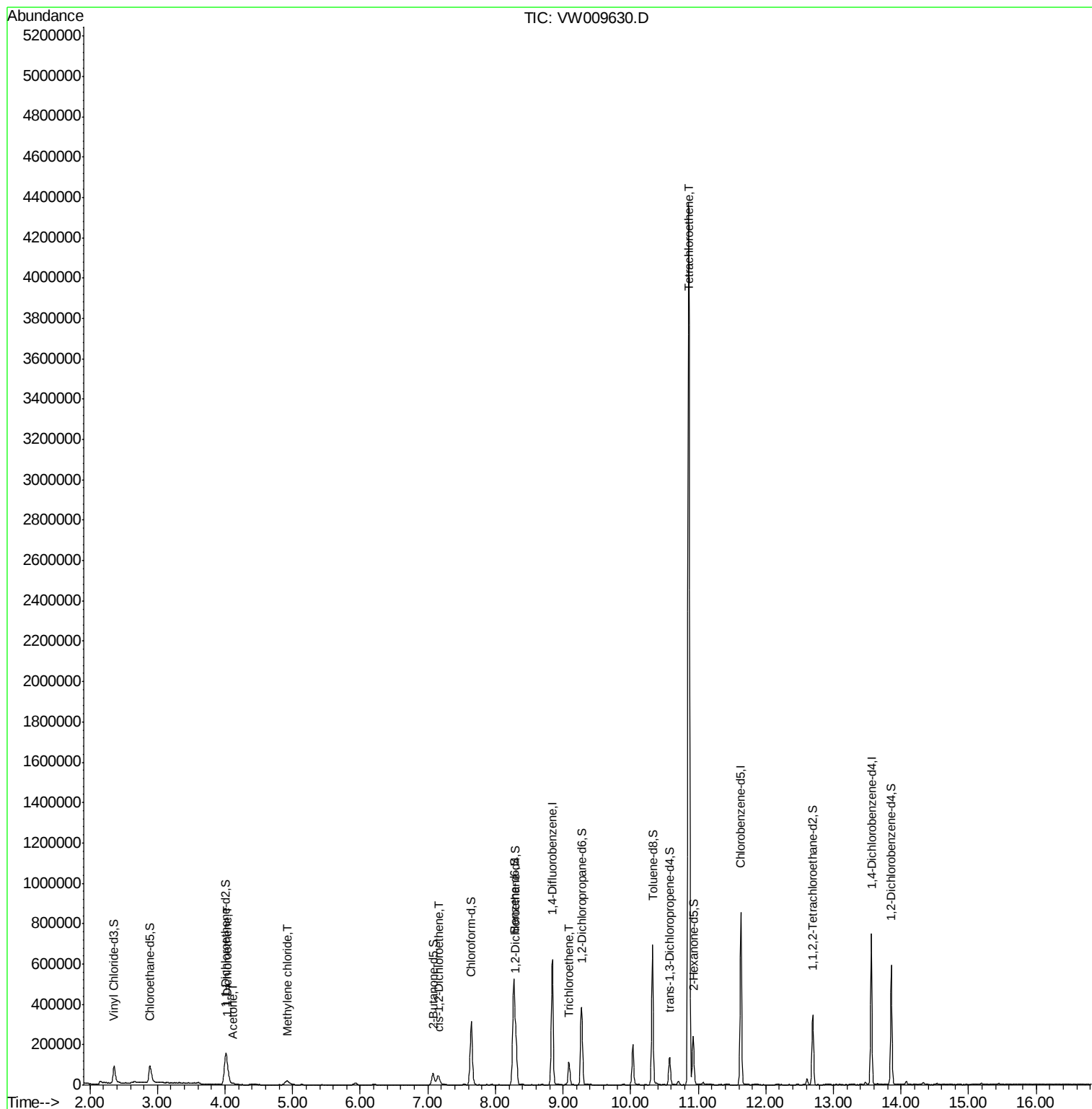
					Qvalue
12) 1,1-Dichloroethene	4.04	96	3424	0.588 ug/L	# 1
13) Acetone	4.12	43	4252	2.220 ug/L	86
16) Methylene chloride	4.91	84	8571	1.244 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	14071	2.123 ug/L	97
35) Trichloroethene	9.09	95	36938	5.809 ug/L	95
47) Tetrachloroethene	10.86	164	862834	160.585 ug/L	97

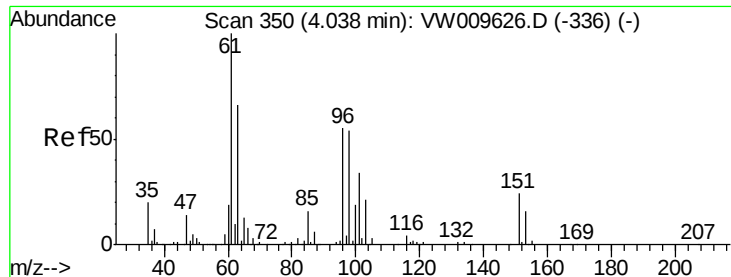
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.588 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW009630.D

Acq: 01 Apr 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

BF115

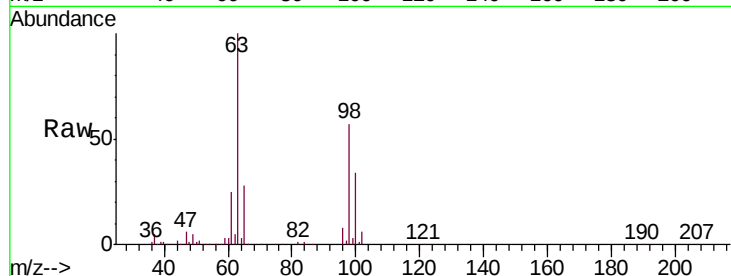
Tgt Ion: 96 Resp: 3424

Ion Ratio Lower Upper

96 100

61 318.6 129.4 240.2#

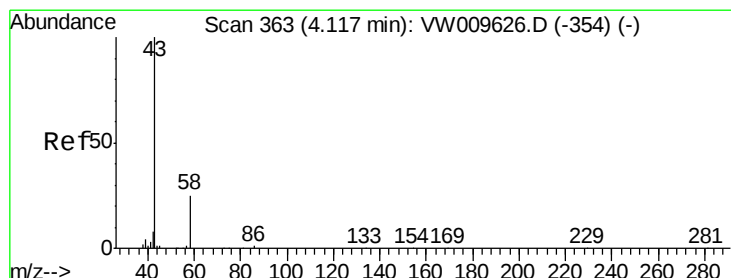
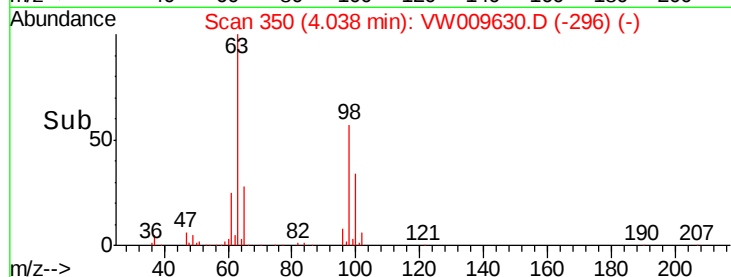
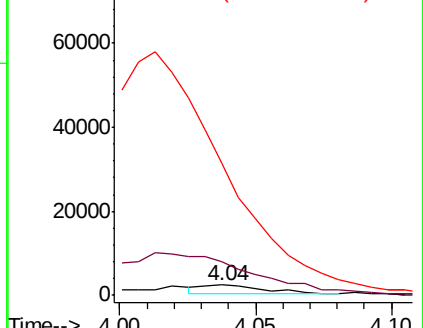
63 1264.1 116.8 217.0#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 2.220 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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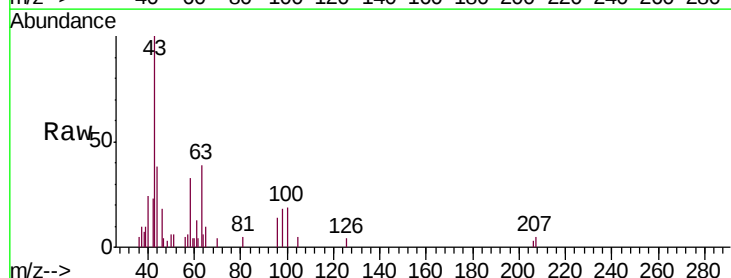
Acq: 01 Apr 2019 18:21

Tgt Ion: 43 Resp: 4252

Ion Ratio Lower Upper

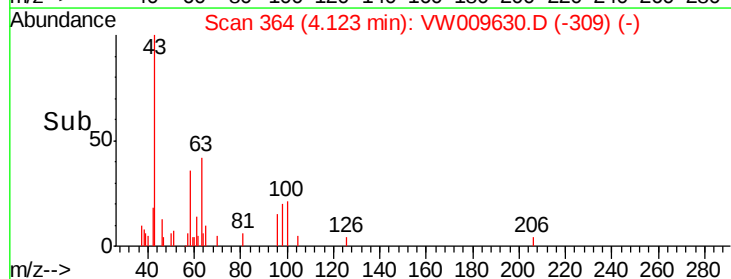
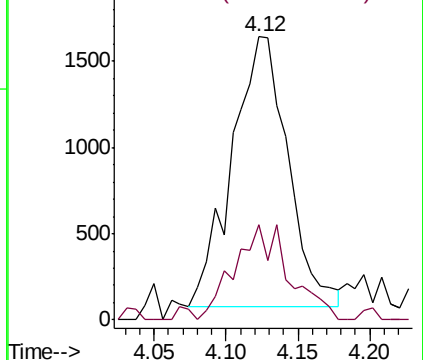
43 100

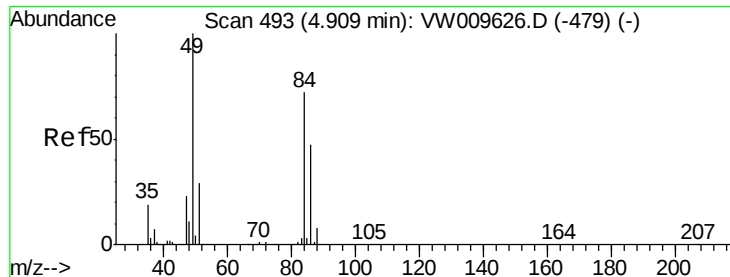
58 20.8 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

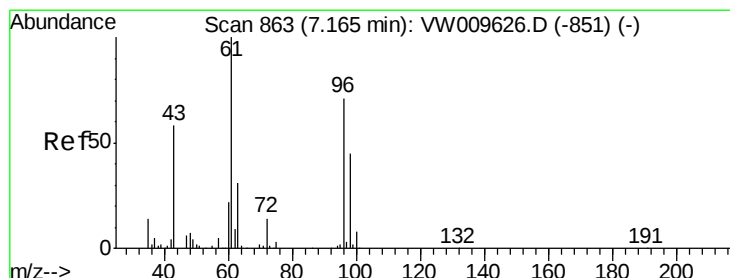
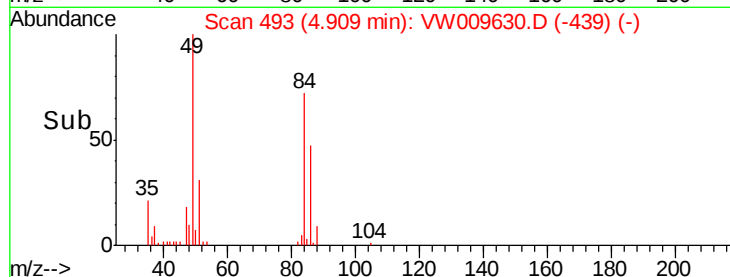
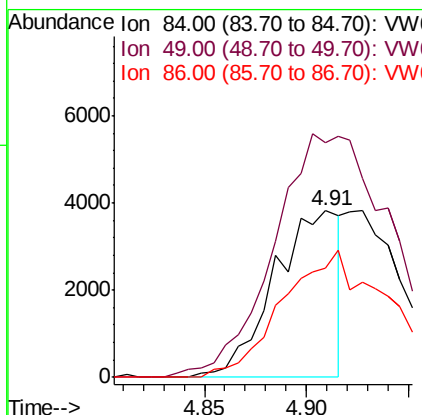
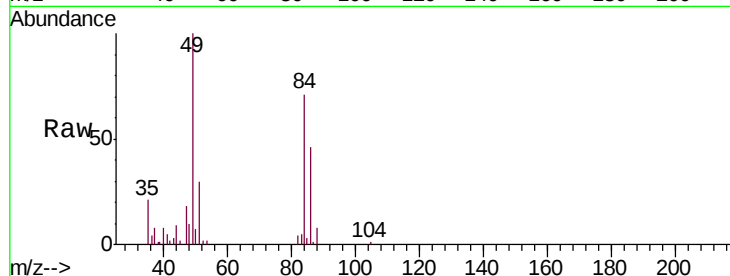




#16
Methylene chloride
Concen: 1.244 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

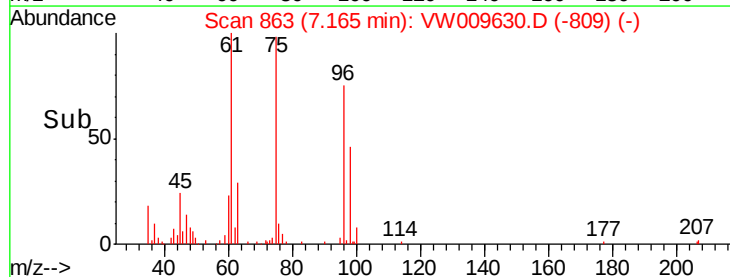
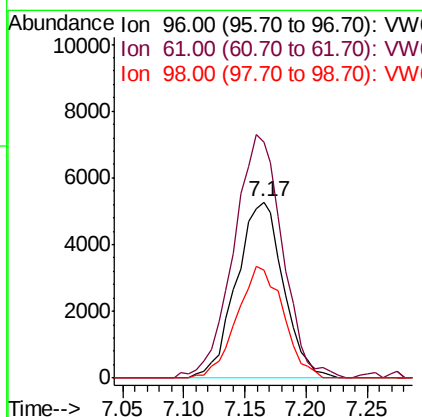
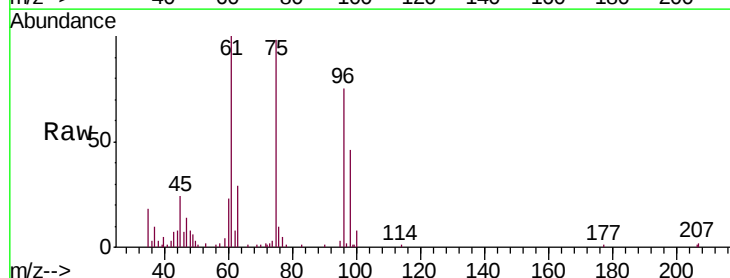
Instrument :
MSVOA_W
ClientSampled :
BF115

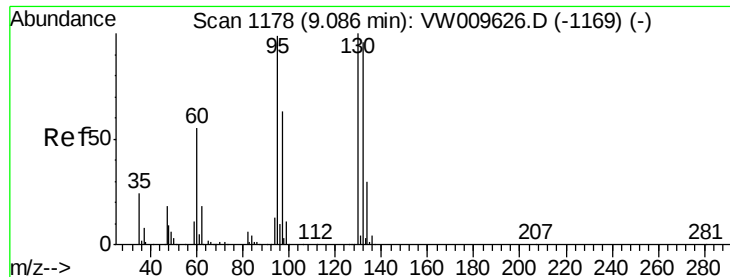
Tgt Ion: 84 Resp: 8571
Ion Ratio Lower Upper
84 100
49 140.8 96.0 178.2
86 65.3 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 2.123 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW009630.D
Acq: 01 Apr 2019 18:21

Tgt Ion: 96 Resp: 14071
Ion Ratio Lower Upper
96 100
61 134.2 90.6 168.3
98 61.4 44.0 81.8





#35

Trichloroethene

Concen: 5.809 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW009630.D

Acq: 01 Apr 2019 18:21

Instrument :

MSVOA_W

ClientSampleId :

BF115

Tgt Ion: 95 Resp: 36938

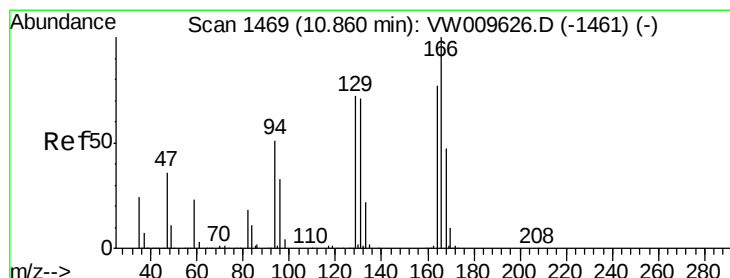
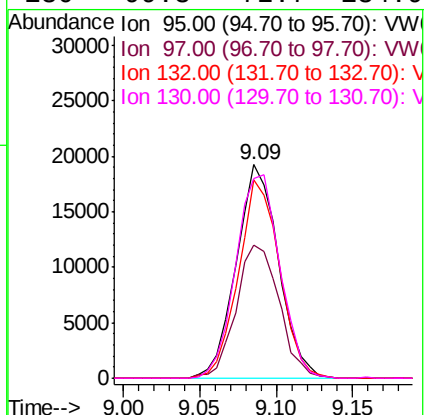
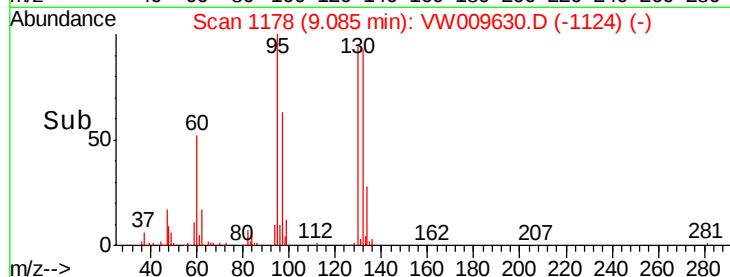
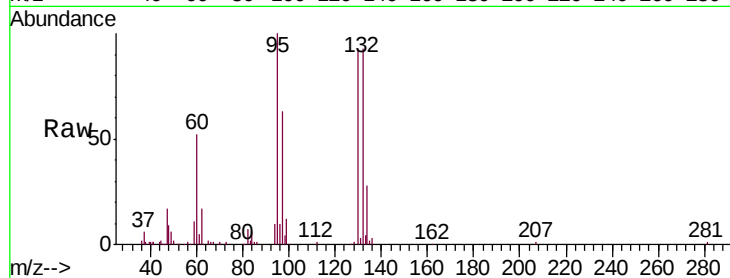
Ion Ratio Lower Upper

95 100

97 63.6 44.7 82.9

132 90.6 69.0 128.2

130 99.3 72.7 134.9



#47

Tetrachloroethene

Concen: 160.585 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009630.D

Acq: 01 Apr 2019 18:21

Tgt Ion: 164 Resp: 862834

Ion Ratio Lower Upper

164 100

129 94.6 66.5 123.5

131 93.3 62.6 116.3

166 126.7 91.6 170.0

