

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009889.D
 Acq On : 10 Apr 2019 19:44
 Operator : SY/VA
 Sample : K2340-12
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF177

Quant Time: Apr 11 03:48:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	433519	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	411001	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178096	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106790	18.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.28%
7) Chloroethane-d5	2.90	69	97919	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	233538	19.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.56%
20) 2-Butanone-d5	7.08	46	93886	50.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.94%
24) Chloroform-d	7.65	84	301548	25.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.96%
26) 1,2-Dichloroethane-d4	8.30	65	185657	25.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.24%
29) Benzene-d6	8.27	84	538224	24.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.80%
33) 1,2-Dichloropropane-d6	9.27	67	172855	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	10.32	98	458678	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	10.58	79	69683	21.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.68%
39) 2-Hexanone-d5	10.93	63	66157	52.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	151966	24.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	174422	27.91	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.64%

Target Compounds

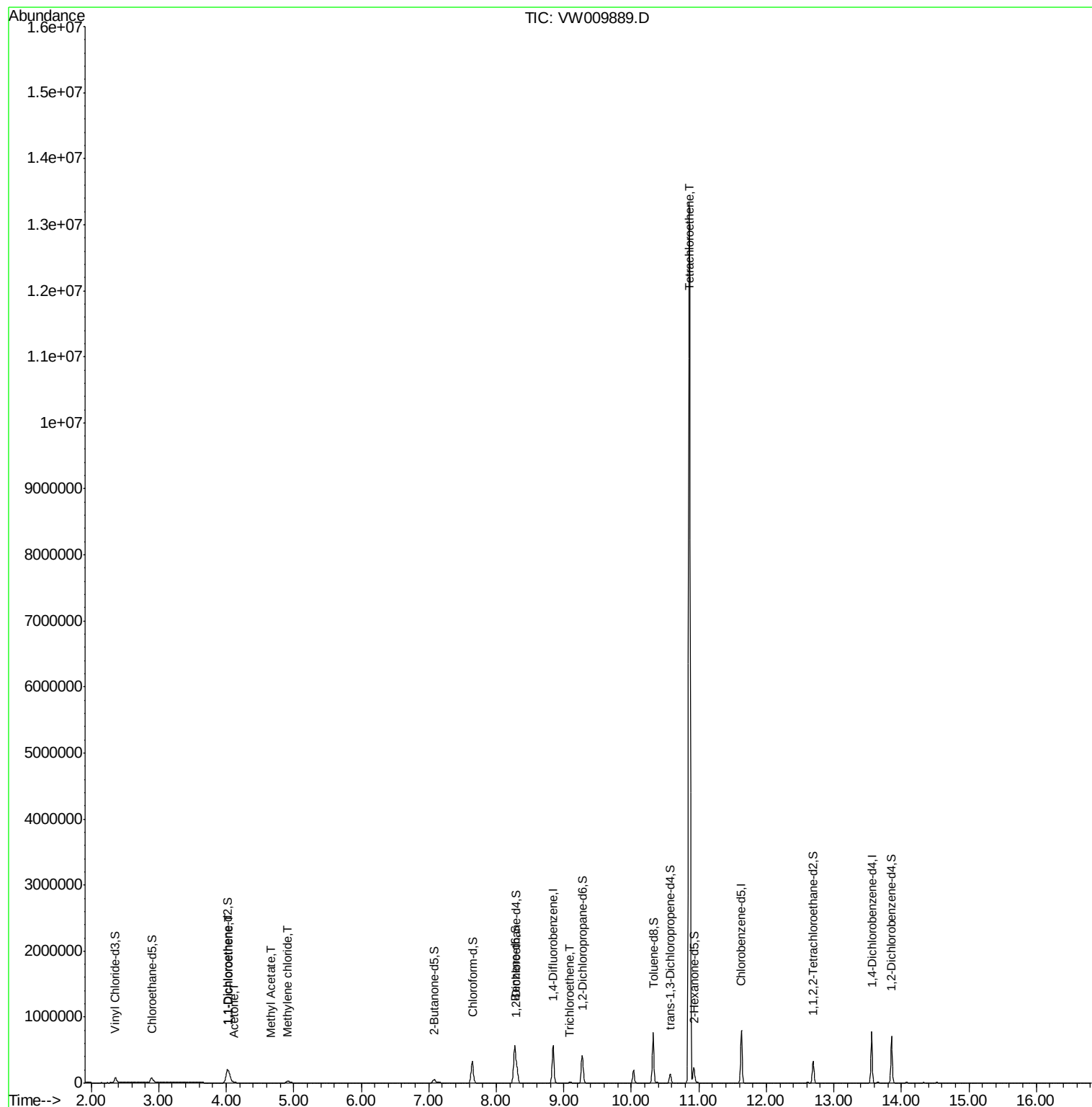
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	51633	8.967	ug/L #	30
13) Acetone	4.12	43	12660	6.415	ug/L	99
15) Methyl Acetate	4.67	43	4915	1.366	ug/L	97
16) Methylene chloride	4.92	84	22864	2.990	ug/L	99
35) Trichloroethene	9.09	95	6258	0.967	ug/L #	78
47) Tetrachloroethene	10.86	164	2665531	522.979	ug/L	99

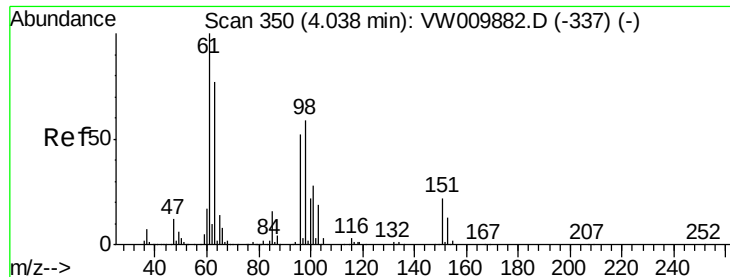
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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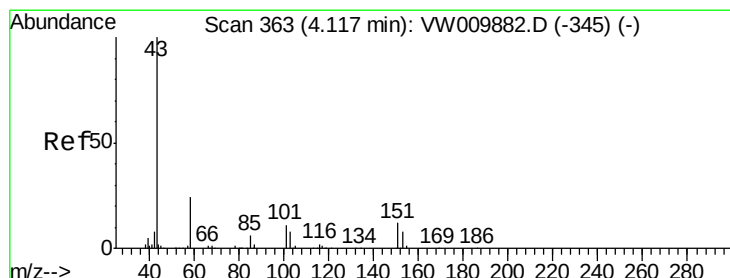
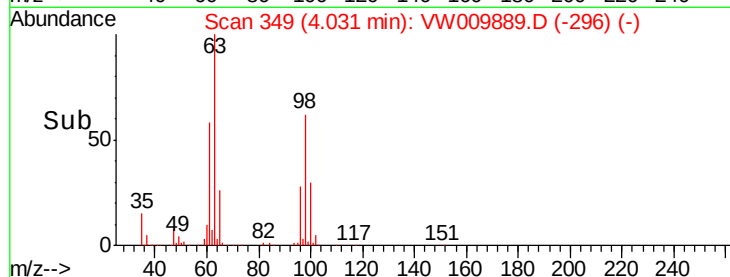
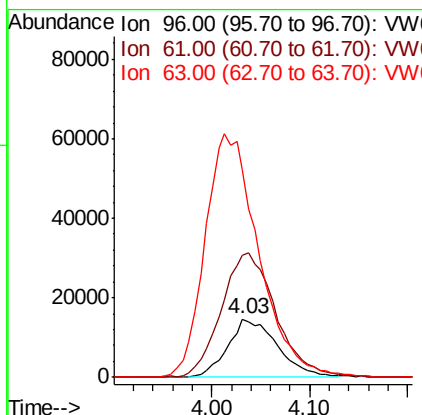
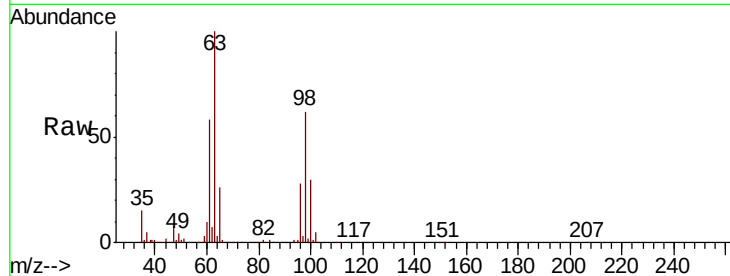




#12
 1,1-Dichloroethene
 Concen: 8.967 ug/L
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW009889.D
 Acq: 10 Apr 2019 19:44

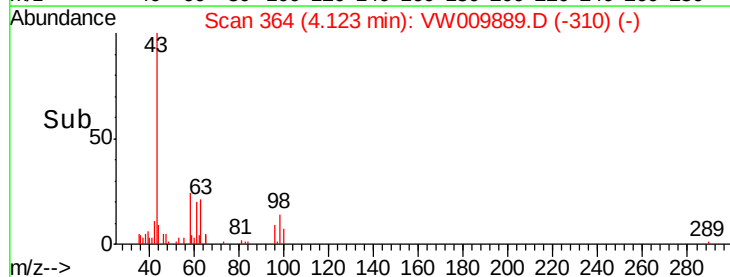
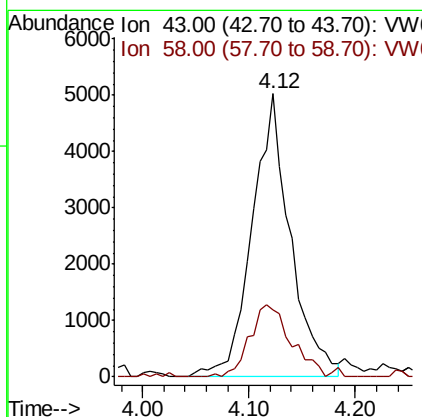
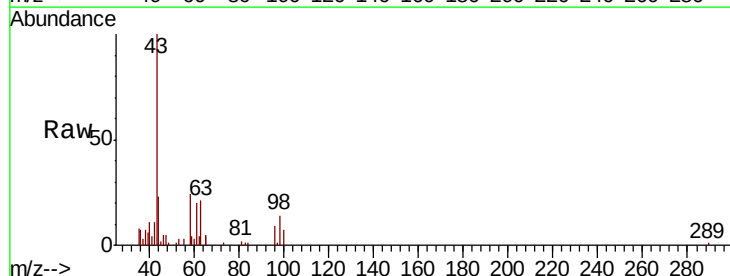
Instrument :
 MSVOA_W
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 BF177

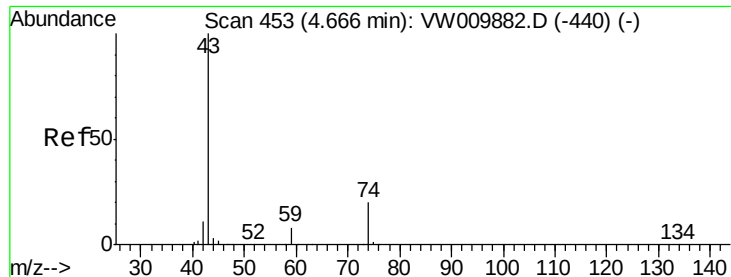
Tgt Ion: 96 Resp: 51633
 Ion Ratio Lower Upper
 96 100
 61 209.5 138.8 257.8
 63 359.2 114.6 212.8#



#13
 Acetone
 Concen: 6.415 ug/L
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW009889.D
 Acq: 10 Apr 2019 19:44

Tgt Ion: 43 Resp: 12660
 Ion Ratio Lower Upper
 43 100
 58 27.2 0.0 53.0





#15

Methyl Acetate

Concen: 1.366 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009889.D

Acq: 10 Apr 2019 19:44

Instrument :

MSVOA_W

ClientSampleId :

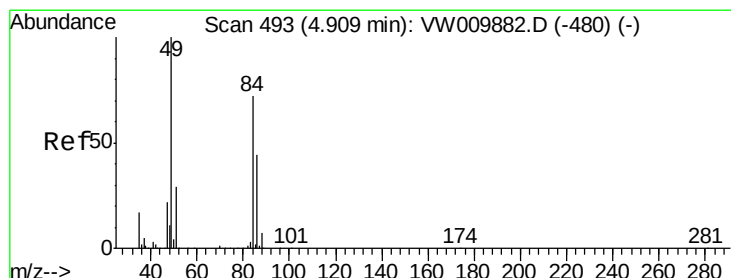
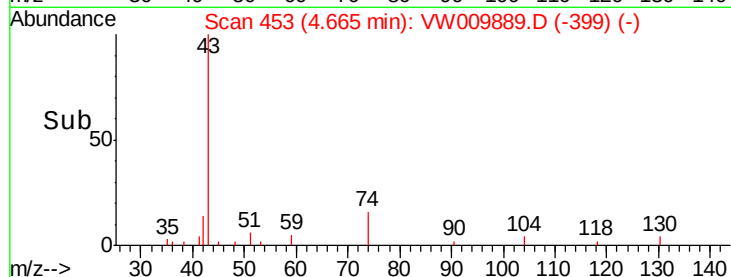
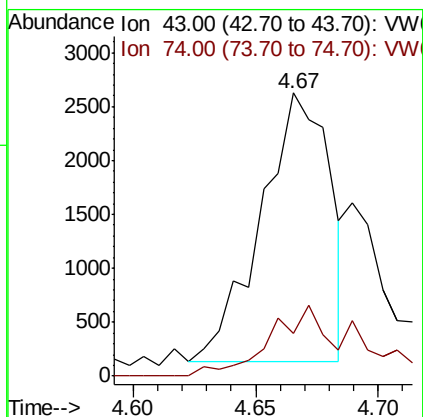
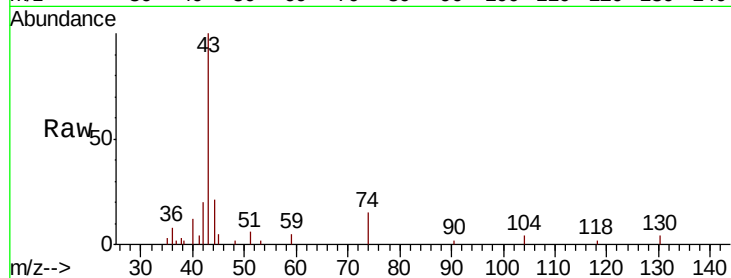
BF177

Tgt Ion: 43 Resp: 4915

Ion Ratio Lower Upper

43 100

74 20.2 17.2 25.8



#16

Methylene chloride

Concen: 2.990 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009889.D

Acq: 10 Apr 2019 19:44

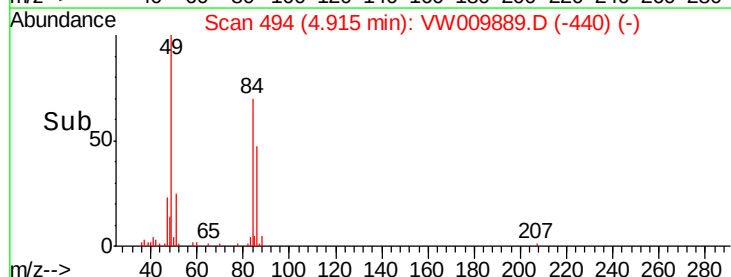
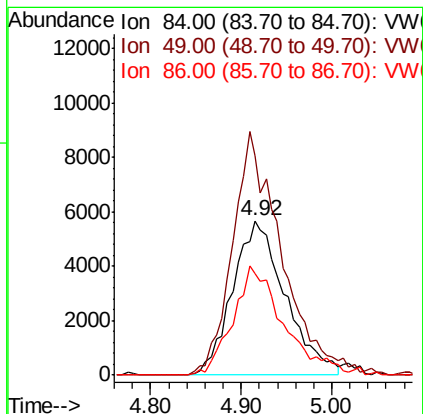
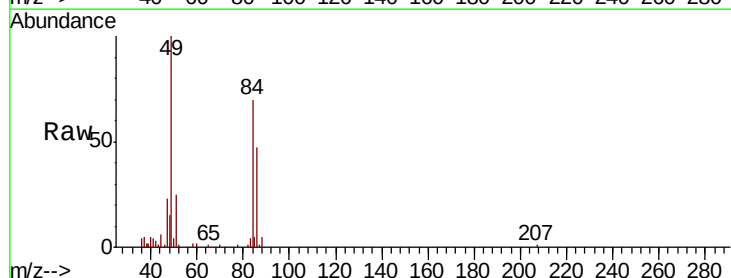
Tgt Ion: 84 Resp: 22864

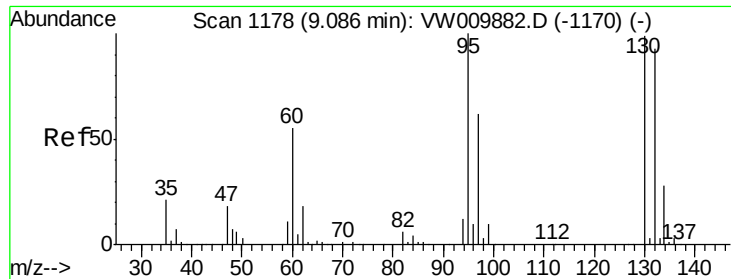
Ion Ratio Lower Upper

84 100

49 142.3 98.3 182.5

86 66.2 46.4 86.2





#35

Trichloroethene

Concen: 0.967 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009889.D

Acq: 10 Apr 2019 19:44

Instrument :

MSVOA_W

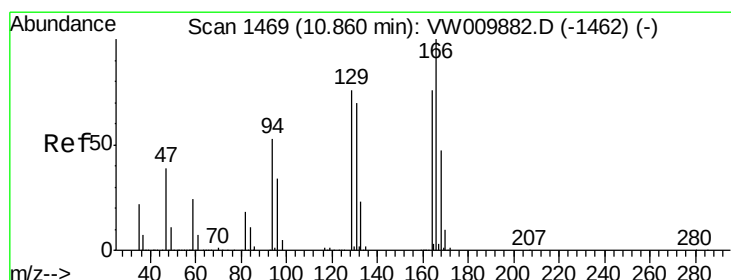
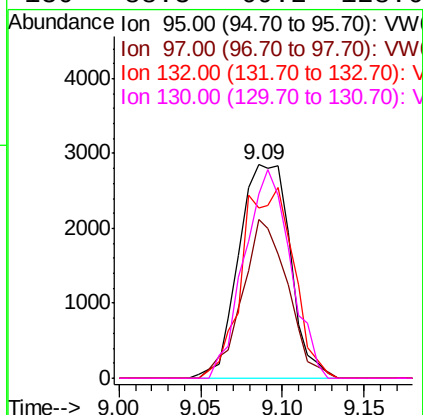
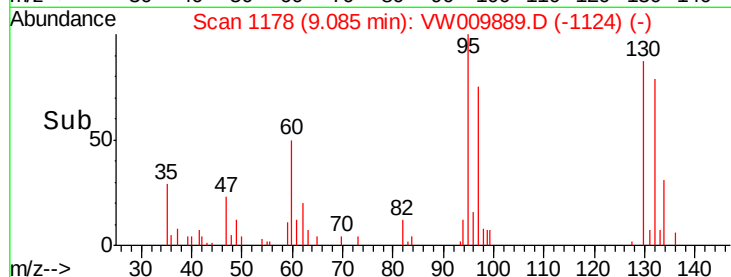
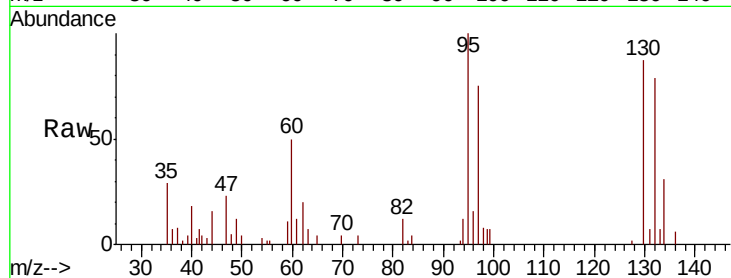
ClientSampled :

BF177

Tgt Ion: 95 Resp: 6258

Ion Ratio Lower Upper

95	100		
97	66.2	44.9	83.5
132	50.9	67.1	124.7#
130	88.3	69.2	128.6



#47

Tetrachloroethene

Concen: 522.979 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009889.D

Acq: 10 Apr 2019 19:44

Tgt Ion: 164 Resp: 2665531

Ion Ratio Lower Upper

164	100		
129	99.0	68.9	127.9
131	93.6	63.1	117.1
166	126.8	88.5	164.4

