

Data File : VW009628.D
Acq On : 01 Apr 2019 17:27
Operator : SY/VA
Sample : K2166-04
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF106

Quant Time: Apr 02 01:37:39 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	518798	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	494935	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	225315	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123991	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.00%
7) Chloroethane-d5	2.90	69	120807	16.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.60%
10) 1,1-Dichloroethene-d2	4.01	63	212433	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.07	46	94932	37.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.06%
24) Chloroform-d	7.65	84	303365	21.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.72%
26) 1,2-Dichloroethane-d4	8.31	65	181503	21.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.12%
29) Benzene-d6	8.27	84	544141	19.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.76%
33) 1,2-Dichloropropane-d6	9.27	67	171152	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.52%
37) Toluene-d8	10.32	98	482379	19.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.44%
38) trans-1,3-Dichloropropene-	10.58	79	76193	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.04%
39) 2-Hexanone-d5	10.93	63	69924	35.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152458	18.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	185061	21.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.68%

Target Compounds

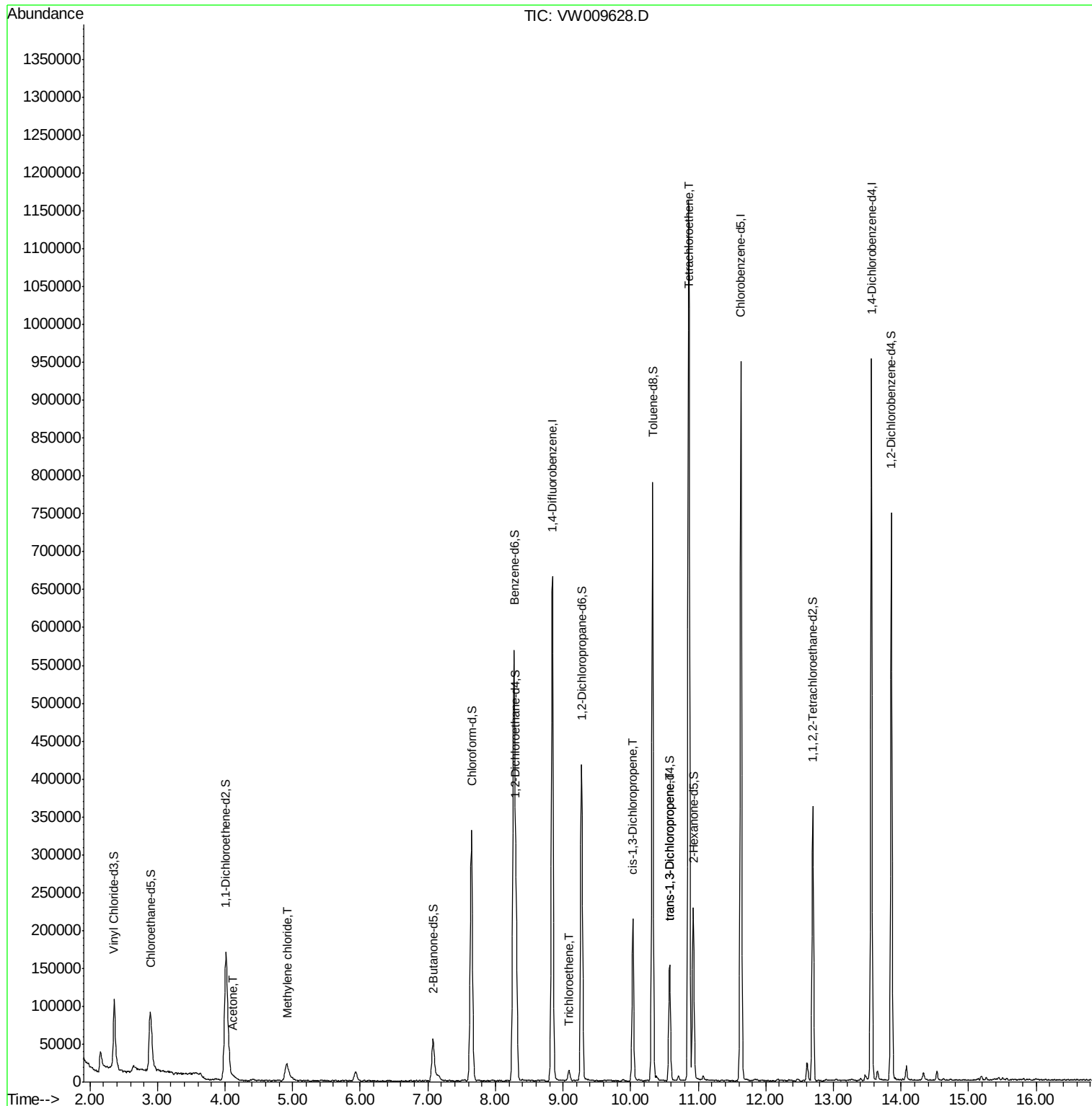
					Qvalue
13) Acetone	4.12	43	2865	1.363 ug/L	92
16) Methylene chloride	4.92	84	20644	2.729 ug/L	95
35) Trichloroethene	9.09	95	4223	0.585 ug/L	92
42) cis-1,3-Dichloropropene	10.04	75	6283	0.555 ug/L #	67
45) trans-1,3-Dichloropropene	10.58	75	4391	0.446 ug/L	94
47) Tetrachloroethene	10.86	164	234284	38.412 ug/L	97

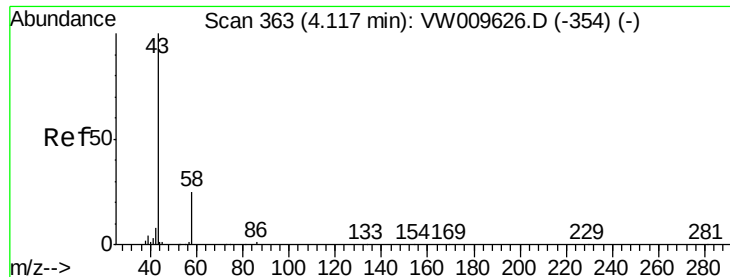
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009628.D
Acq On : 01 Apr 2019 17:27
Operator : SY/VA
Sample : K2166-04
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF106

Quant Time: Apr 02 01:37:39 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





#13

Acetone

Concen: 1.363 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW009628.D

Acq: 01 Apr 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

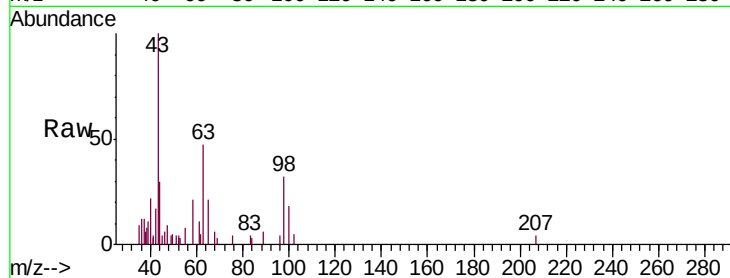
BF106

Tgt Ion: 43 Resp: 2865

Ion Ratio Lower Upper

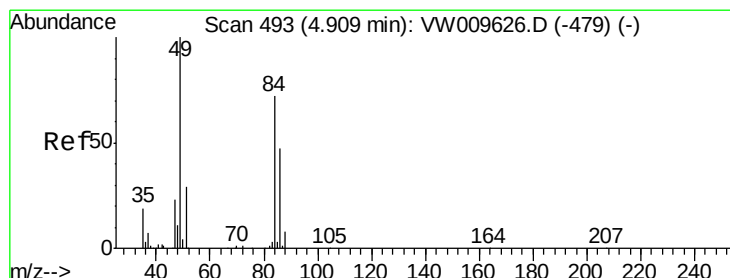
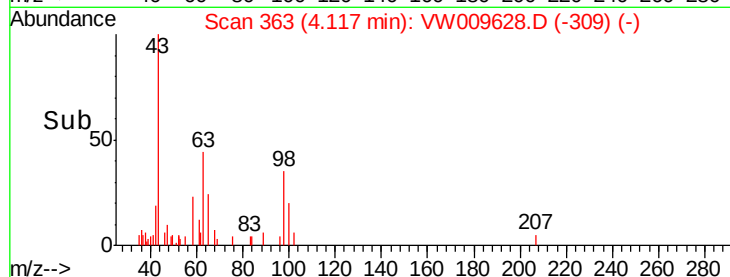
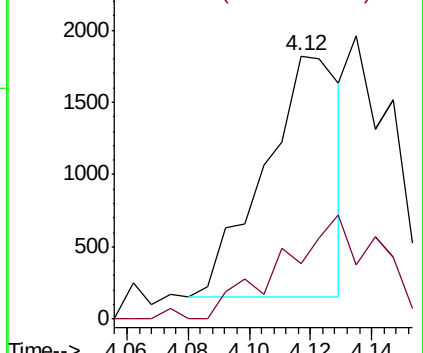
43 100

58 32.3 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: 2.729 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW009628.D

Acq: 01 Apr 2019 17:27

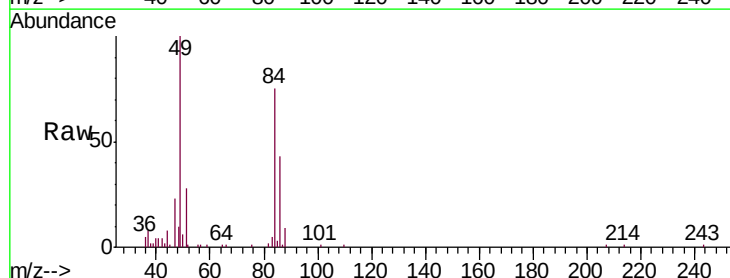
Tgt Ion: 84 Resp: 20644

Ion Ratio Lower Upper

84 100

49 133.0 96.0 178.2

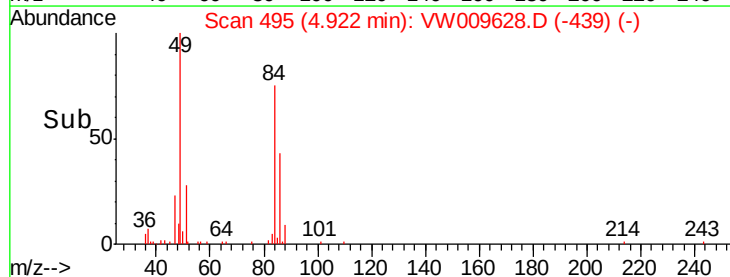
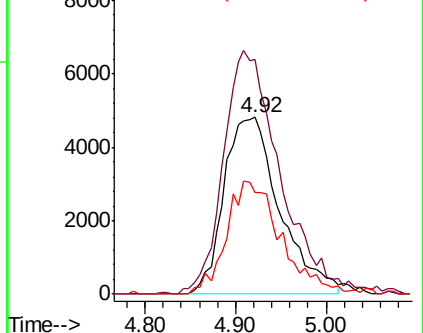
86 57.4 44.4 82.5

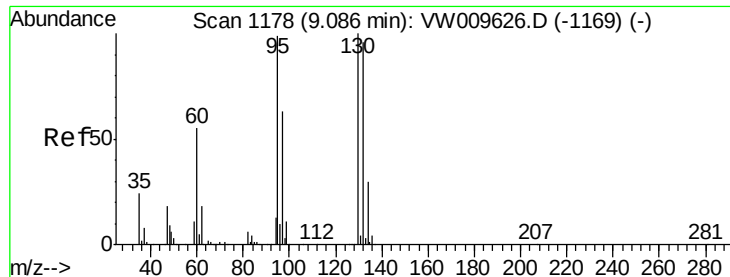


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 0.585 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009628.D

Acq: 01 Apr 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

BF106

Tgt Ion: 95 Resp: 4223

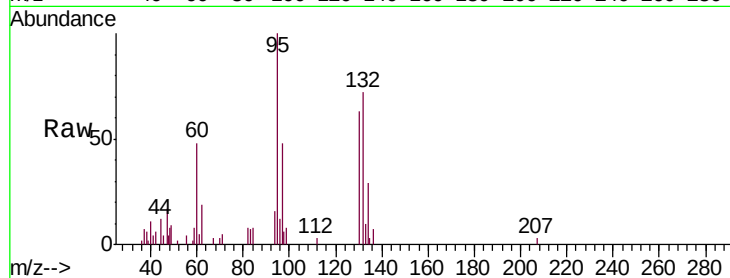
Ion Ratio Lower Upper

95 100

97 66.7 44.7 82.9

132 90.5 69.0 128.2

130 93.3 72.7 134.9

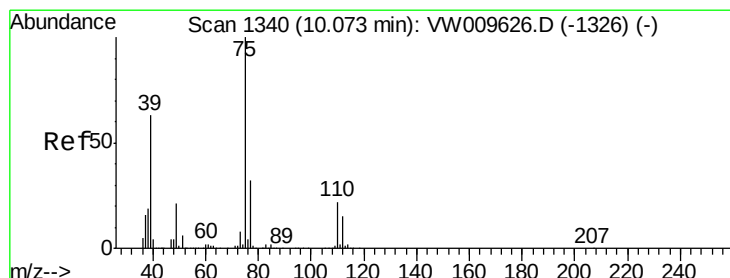
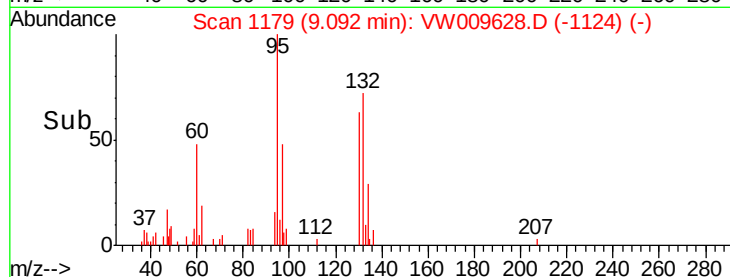
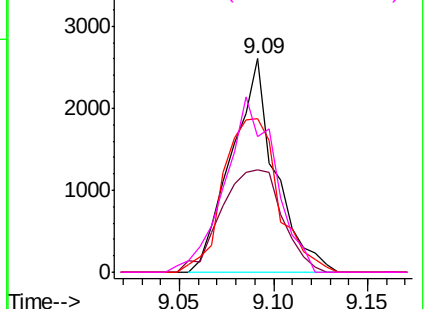


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009628.D

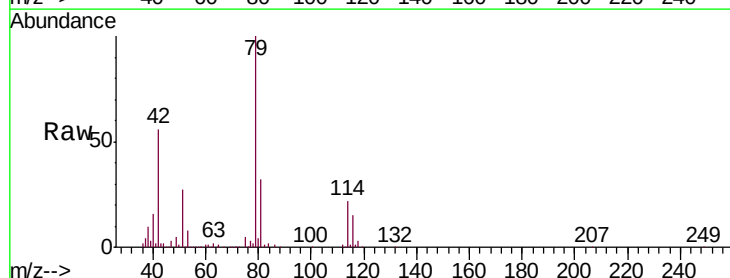
Acq: 01 Apr 2019 17:27

Tgt Ion: 75 Resp: 6283

Ion Ratio Lower Upper

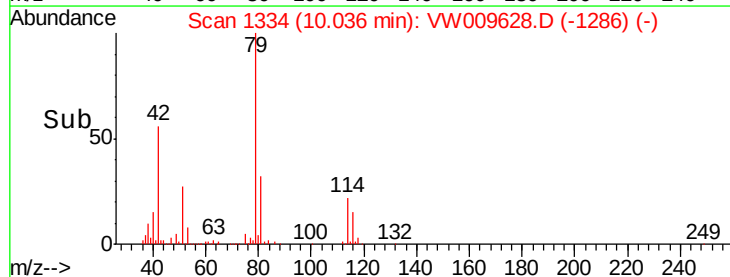
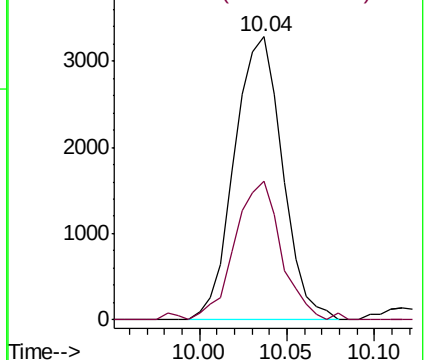
75 100

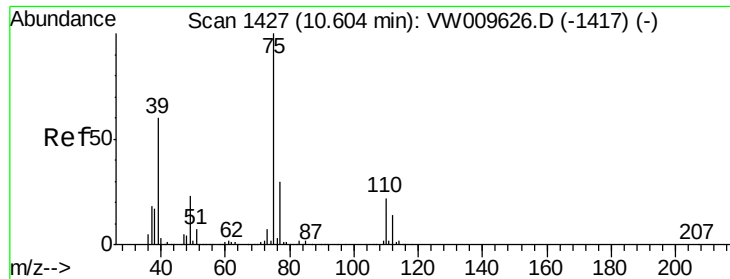
77 49.3 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009628.D

Acq: 01 Apr 2019 17:27

Instrument :

MSVOA_W

ClientSampleId :

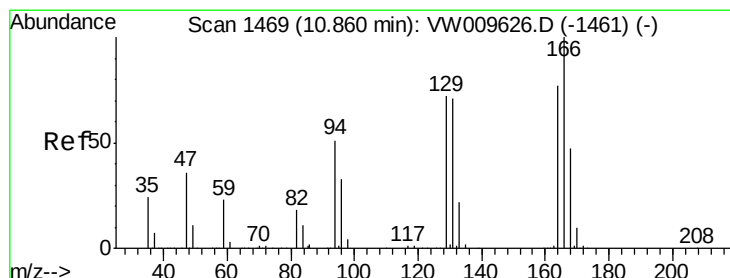
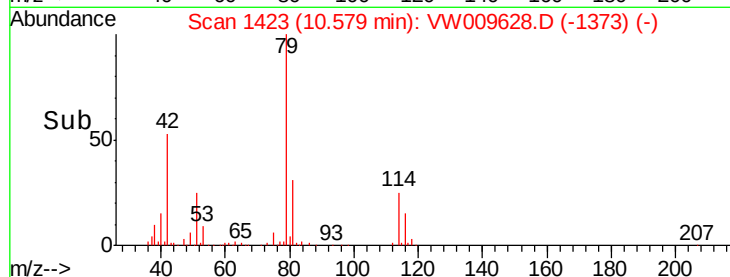
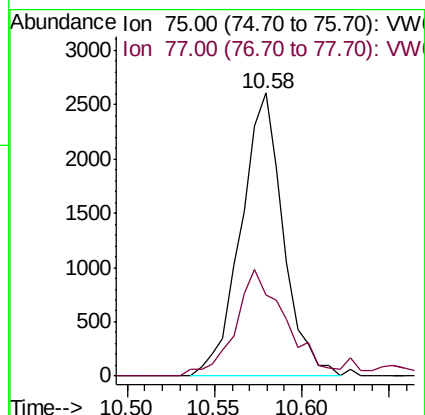
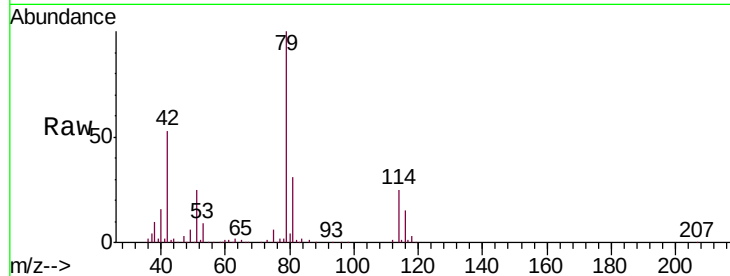
BF106

Tgt Ion: 75 Resp: 4391

Ion Ratio Lower Upper

75 100

77 28.8 22.5 41.7



#47

Tetrachloroethene

Concen: 38.412 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW009628.D

Acq: 01 Apr 2019 17:27

Tgt Ion: 164 Resp: 234284

Ion Ratio Lower Upper

164 100

129 96.6 66.5 123.5

131 94.8 62.6 116.3

166 128.0 91.6 170.0

