

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009772.D
 Acq On : 06 Apr 2019 15:01
 Operator : SY/VA
 Sample : K2327-05
 Misc : 5.75G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S1

Quant Time: Apr 07 04:00:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 03:56:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	501632	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	483557	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205250	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	165827	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.04%
7) Chloroethane-d5	2.89	69	152491	25.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.44%
10) 1,1-Dichloroethene-d2	4.01	63	288753	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.80%
20) 2-Butanone-d5	7.07	46	105667	49.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.16%
24) Chloroform-d	7.65	84	367663	26.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.44%
26) 1,2-Dichloroethane-d4	8.31	65	229269	27.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.12%
29) Benzene-d6	8.27	84	701577	27.64	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.56%
33) 1,2-Dichloropropane-d6	9.27	67	214795	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.60%
37) Toluene-d8	10.32	98	635469	27.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.32%
38) trans-1,3-Dichloropropene-	10.57	79	93734	25.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.28%
39) 2-Hexanone-d5	10.93	63	75654	51.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	177987	24.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	217537	30.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.80%#

Target Compounds

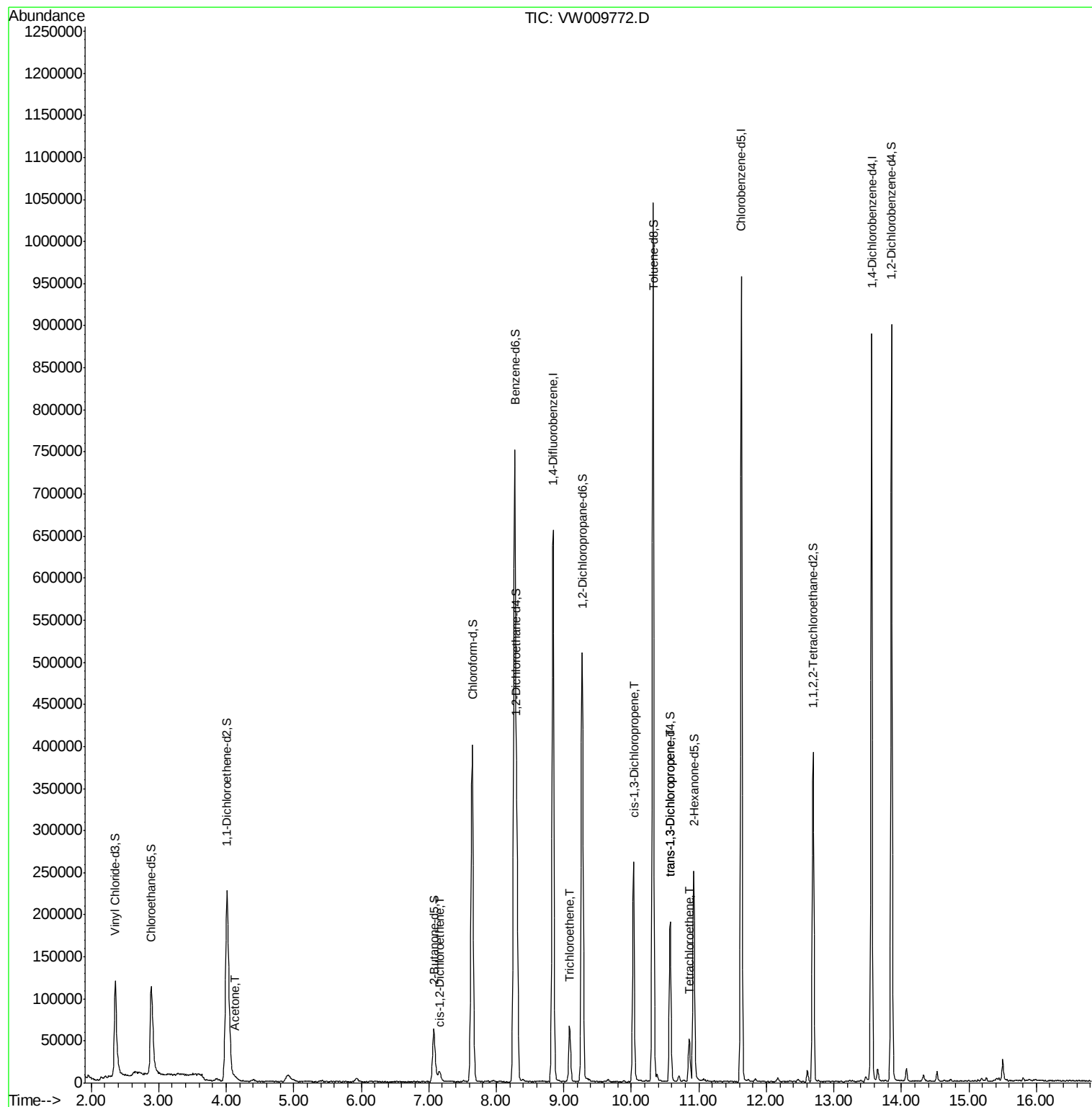
					Qvalue
13) Acetone	4.13	43	4331	1.897 ug/L	79
22) cis-1,2-Dichloroethene	7.17	96	5264	0.710 ug/L	87
35) Trichloroethene	9.09	95	21385	2.809 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	8053	0.698 ug/L #	72
45) trans-1,3-Dichloropropene	10.57	75	5643	0.567 ug/L #	75
47) Tetrachloroethene	10.86	164	10434	1.740 ug/L	88

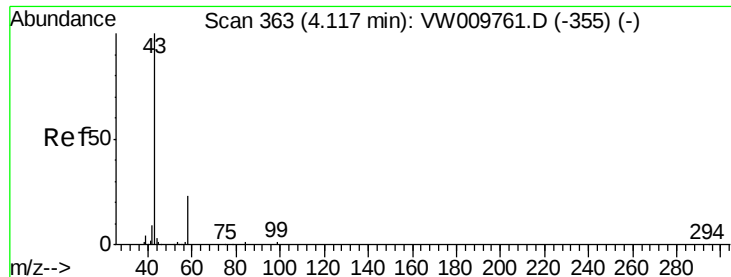
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.897 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW009772.D

Acq: 06 Apr 2019 15:01

Instrument :

MSVOA_W

ClientSampled :

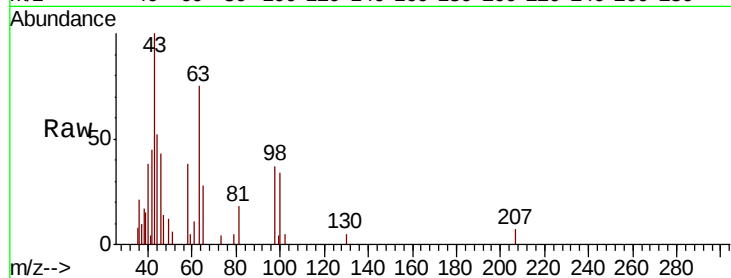
BF2S1

Tgt Ion: 43 Resp: 4331

Ion Ratio Lower Upper

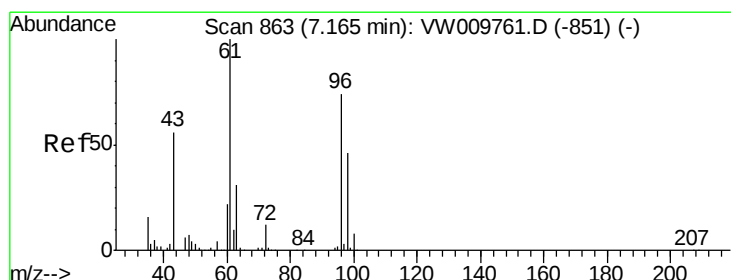
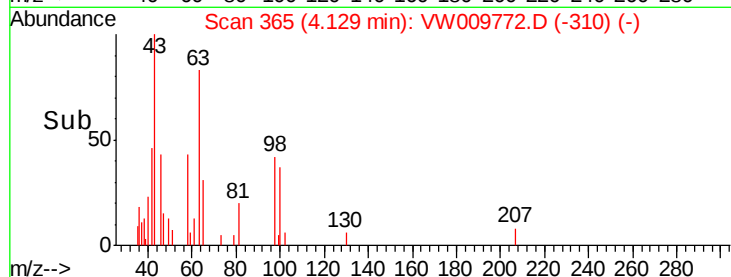
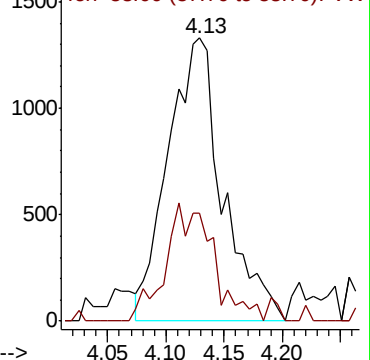
43 100

58 15.7 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.710 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009772.D

Acq: 06 Apr 2019 15:01

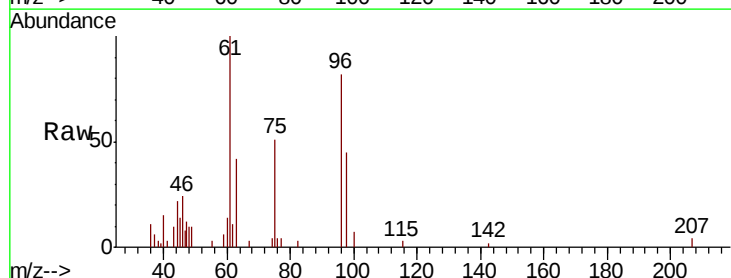
Tgt Ion: 96 Resp: 5264

Ion Ratio Lower Upper

96 100

61 121.2 96.8 179.8

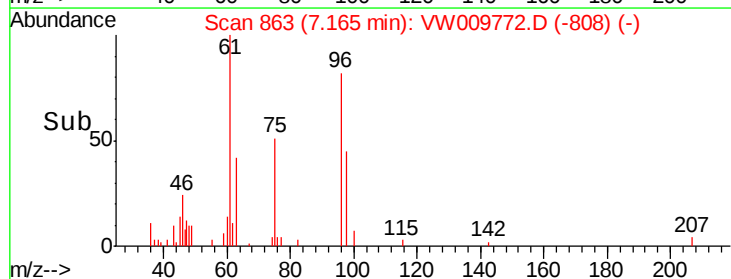
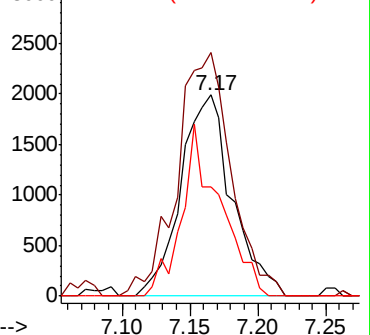
98 54.6 43.5 80.9

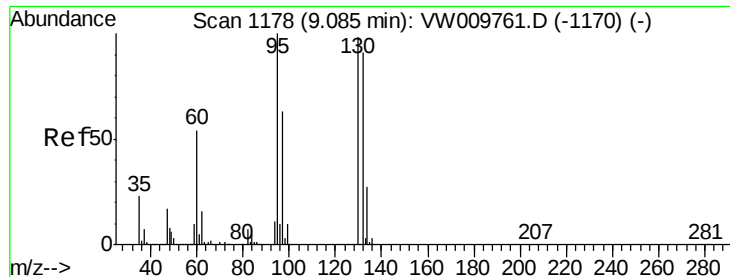


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 2.809 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009772.D

Acq: 06 Apr 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

BF2S1

Tgt Ion: 95 Resp: 21385

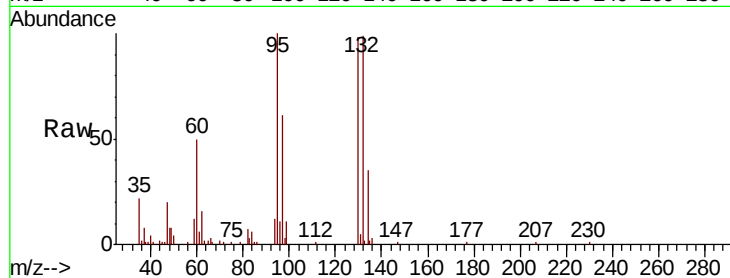
Ion Ratio Lower Upper

95 100

97 63.3 44.9 83.5

132 92.0 67.1 124.7

130 95.2 69.2 128.6



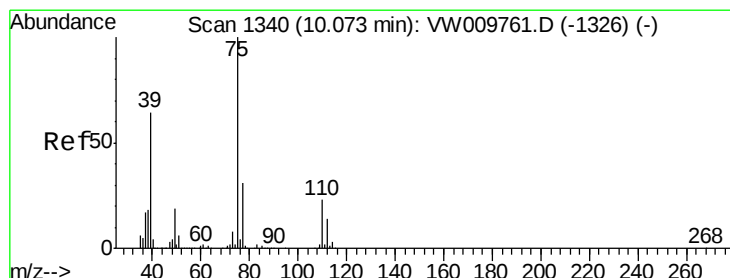
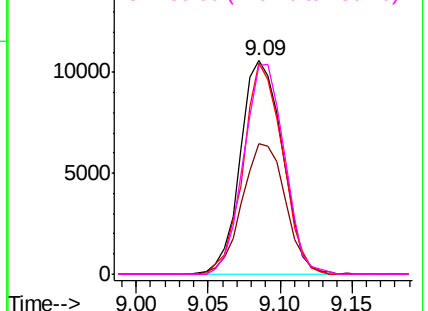
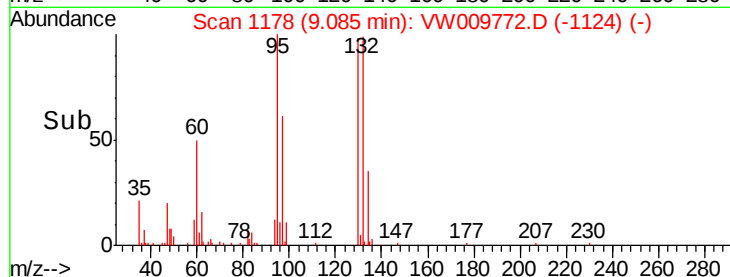
Abundance

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): V

Ion 130.00 (129.70 to 130.70): V



#42

cis-1,3-Dichloropropene

Concen: 0.698 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009772.D

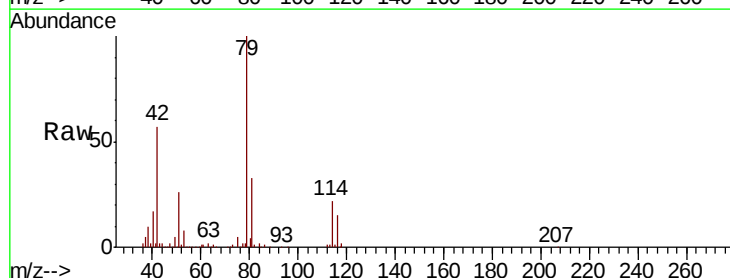
Acq: 06 Apr 2019 15:01

Tgt Ion: 75 Resp: 8053

Ion Ratio Lower Upper

75 100

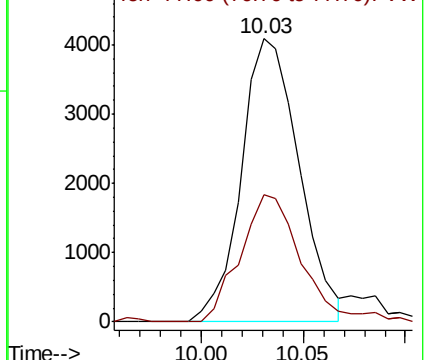
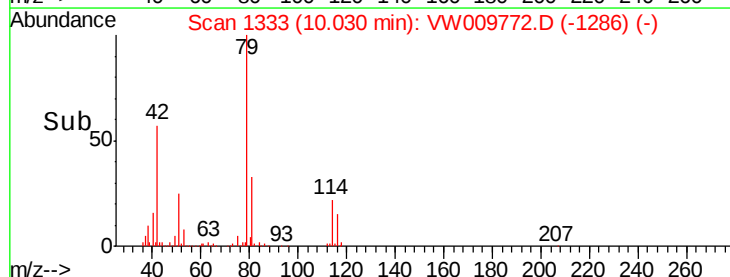
77 45.1 21.0 39.0#

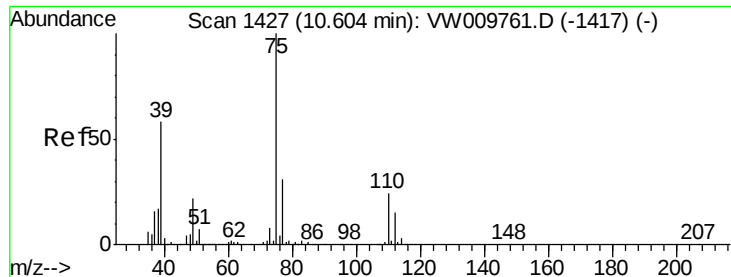


Abundance

Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.567 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009772.D

Acq: 06 Apr 2019 15:01

Instrument :

MSVOA_W

ClientSampleId :

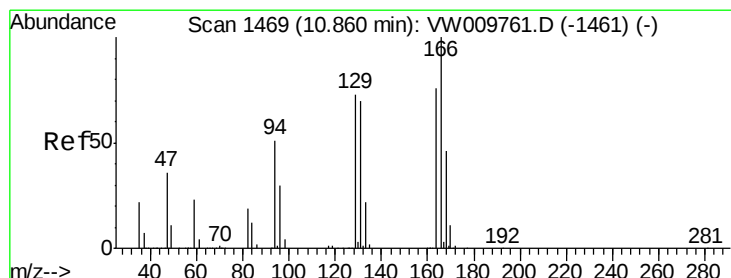
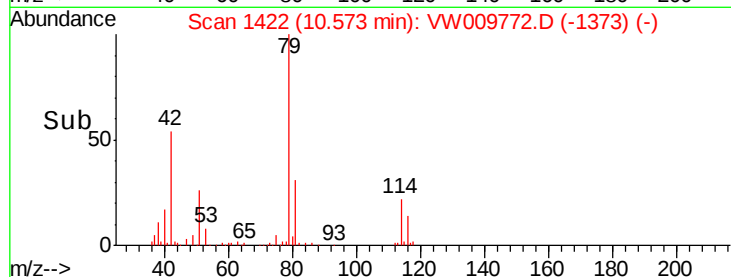
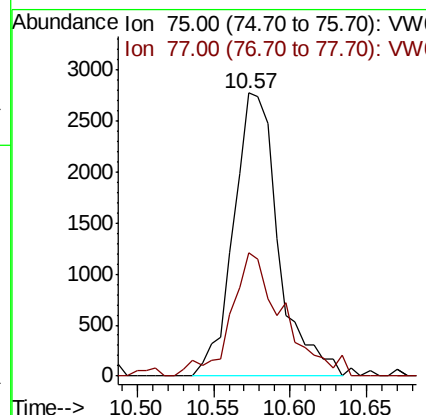
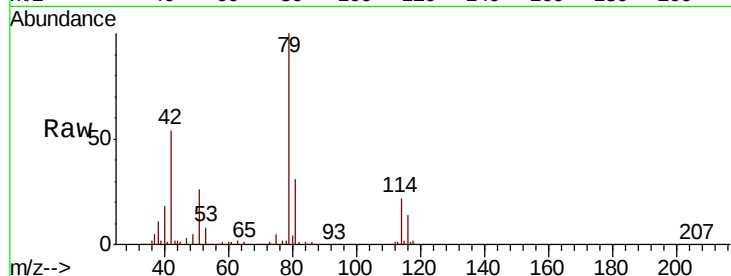
BF2S1

Tgt Ion: 75 Resp: 5643

Ion Ratio Lower Upper

75 100

77 43.8 21.1 39.3#



#47

Tetrachloroethene

Concen: 1.740 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009772.D

Acq: 06 Apr 2019 15:01

Tgt Ion: 164 Resp: 10434

Ion Ratio Lower Upper

164 100

129 79.6 68.9 127.9

131 103.7 63.1 117.1

166 120.0 88.5 164.4

