

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041019\
 Data File : VW009897.D
 Acq On : 10 Apr 2019 23:22
 Operator : SY/VA
 Sample : K2340-22
 Misc : 5.52G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2S8

Quant Time: Apr 11 03:49:22 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	429121	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	417164	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181204	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108604	19.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.36%
7) Chloroethane-d5	2.89	69	103639	20.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.60%
10) 1,1-Dichloroethene-d2	4.02	63	228705	18.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.76%
20) 2-Butanone-d5	7.07	46	145815	79.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	159.96%#
24) Chloroform-d	7.65	84	320762	27.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.56%
26) 1,2-Dichloroethane-d4	8.30	65	211643	29.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.76%
29) Benzene-d6	8.27	84	562990	25.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.84%
33) 1,2-Dichloropropane-d6	9.27	67	187786	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.04%
37) Toluene-d8	10.32	98	488451	24.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.48%
38) trans-1,3-Dichloropropene-	10.58	79	79072	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.04%
39) 2-Hexanone-d5	10.93	63	111750	87.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	196104	31.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.76%#
61) 1,2-Dichlorobenzene-d4	13.86	152	188577	29.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	118.64%

Target Compounds

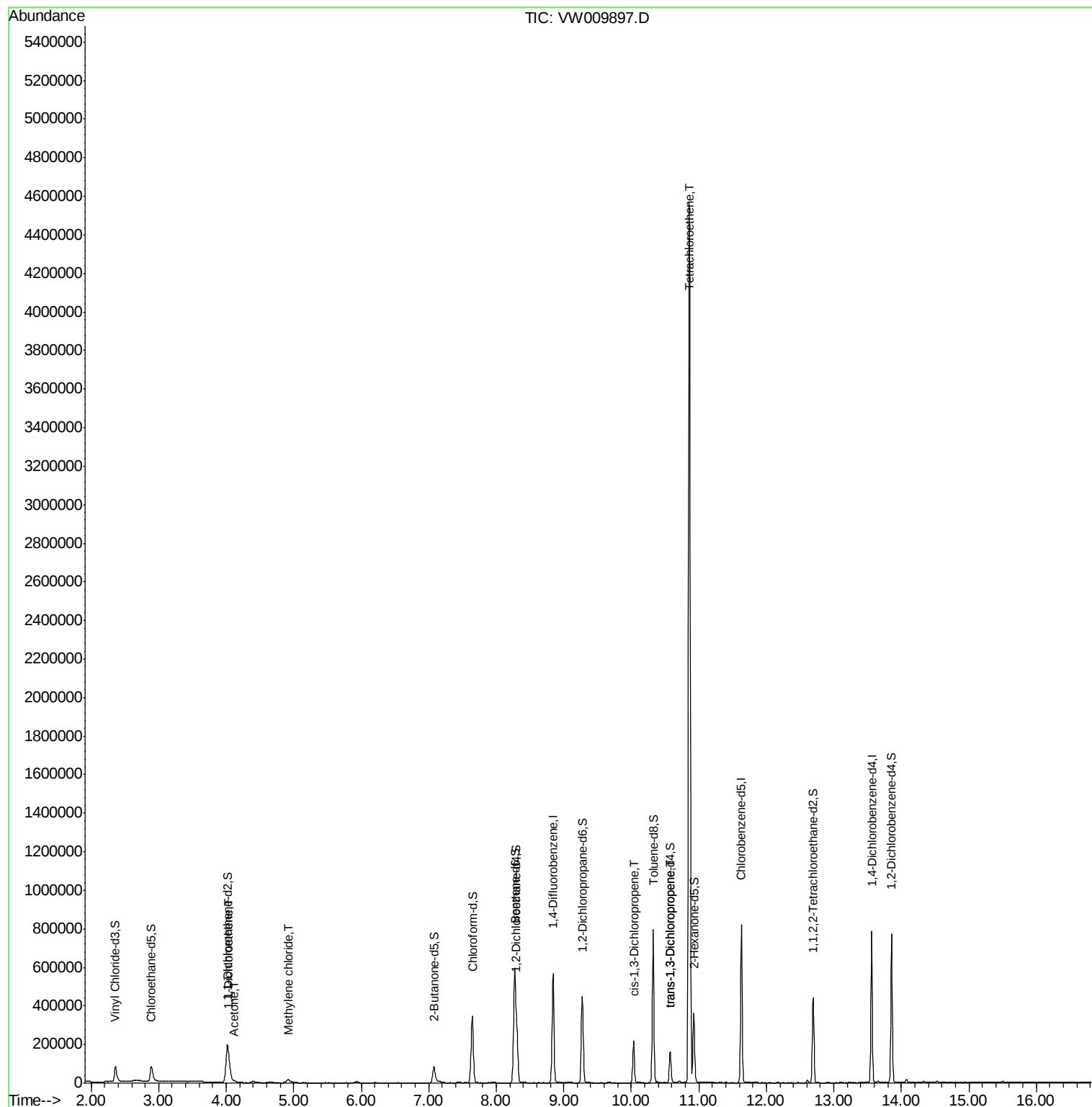
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	25796	4.526	ug/L #	1
13) Acetone	4.12	43	4835	2.475	ug/L	74
16) Methylene chloride	4.92	84	14564	1.924	ug/L	77
42) cis-1,3-Dichloropropene	10.04	75	5586	0.561	ug/L #	55
45) trans-1,3-Dichloropropene	10.58	75	4324	0.504	ug/L #	67
47) Tetrachloroethene	10.86	164	922242	178.271	ug/L	99

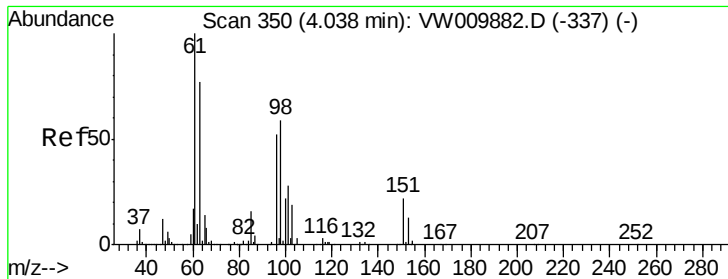
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 11 03:44:42 2019
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#12

1,1-Dichloroethene

Concen: 4.526 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW009897.D

Acq: 10 Apr 2019 23:22

Instrument :

MSVOA_W

ClientSampleId :

BF2S8

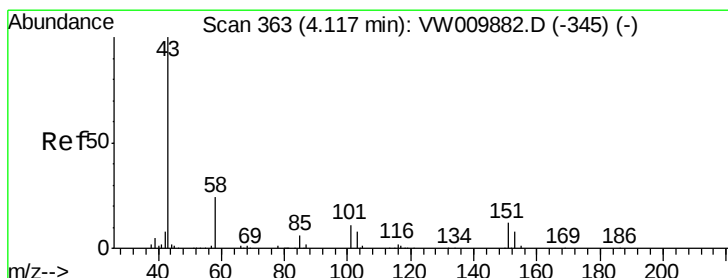
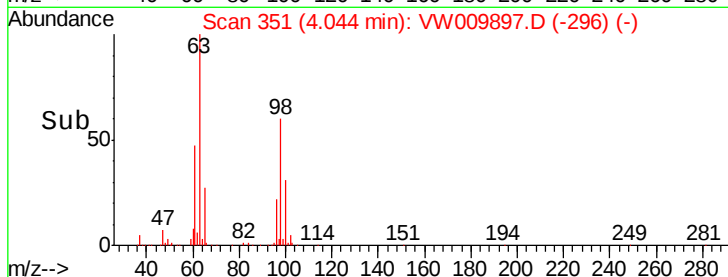
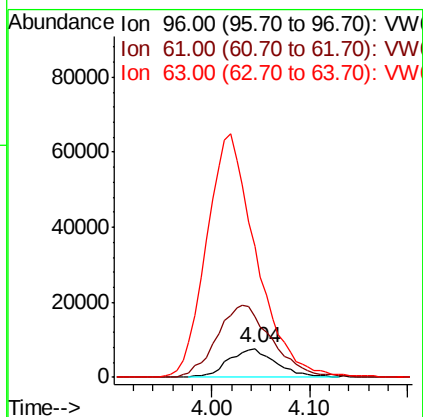
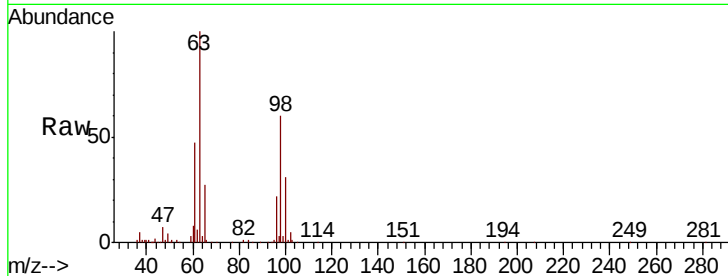
Tgt Ion: 96 Resp: 25796

Ion Ratio Lower Upper

96 100

61 213.8 138.8 257.8

63 457.1 114.6 212.8#



#13

Acetone

Concen: 2.475 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009897.D

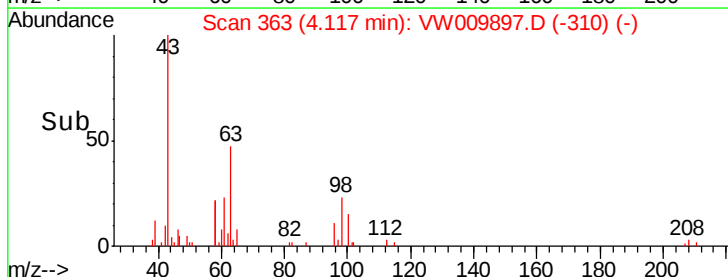
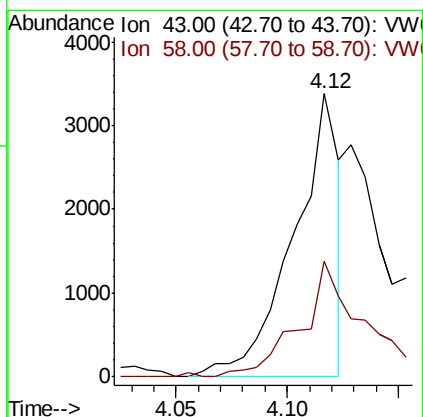
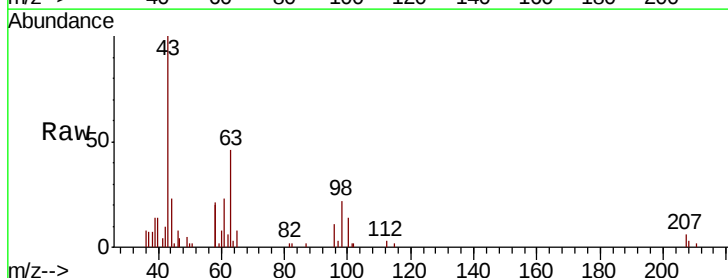
Acq: 10 Apr 2019 23:22

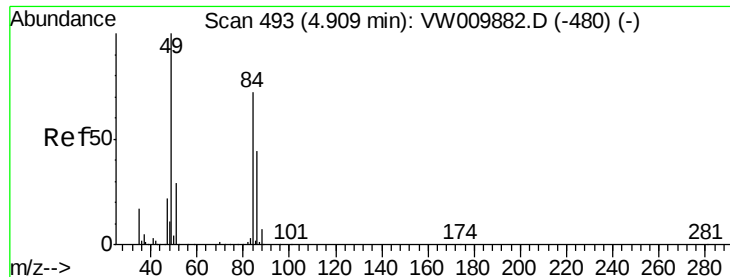
Tgt Ion: 43 Resp: 4835

Ion Ratio Lower Upper

43 100

58 39.8 0.0 53.0

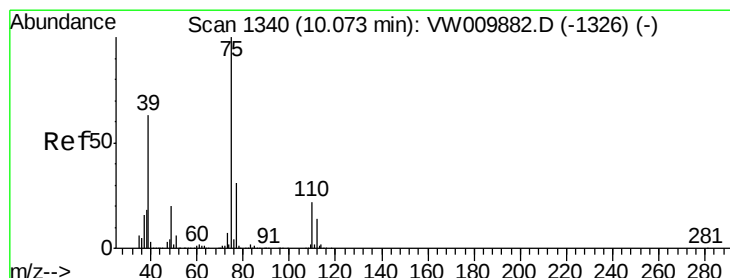
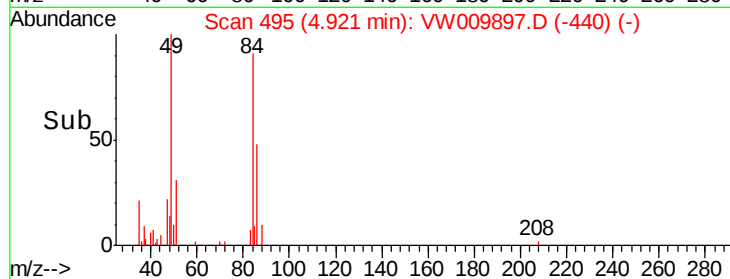
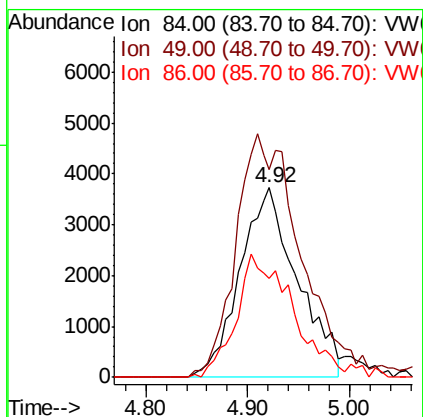
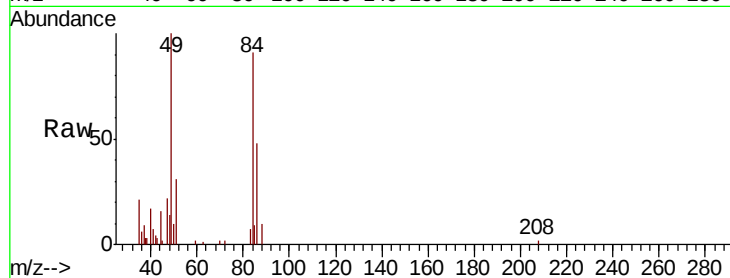




#16
Methylene chloride
Concen: 1.924 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009897.D
Acq: 10 Apr 2019 23:22

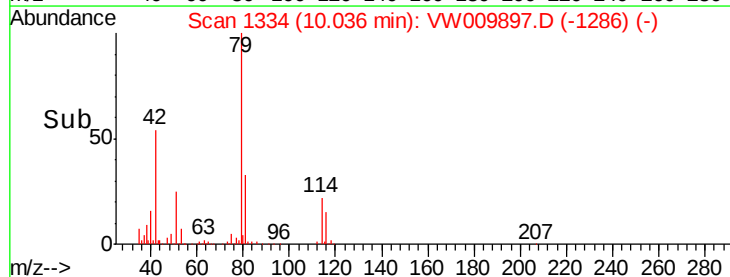
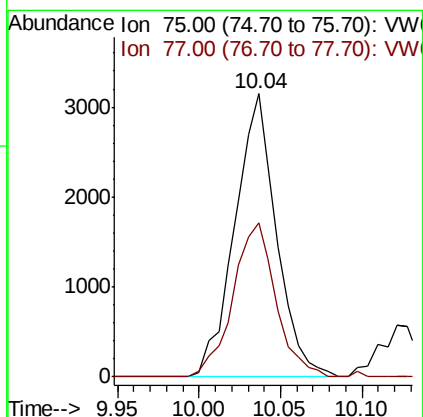
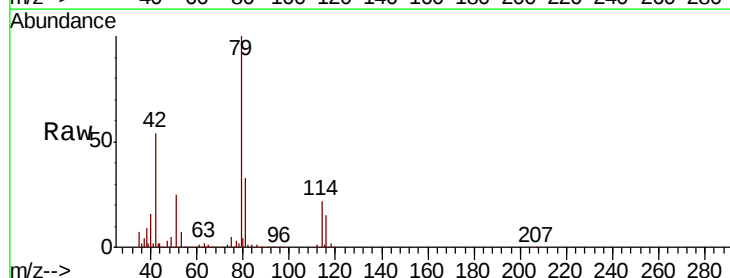
Instrument :
MSVOA_W
ClientSampled :
BF2S8

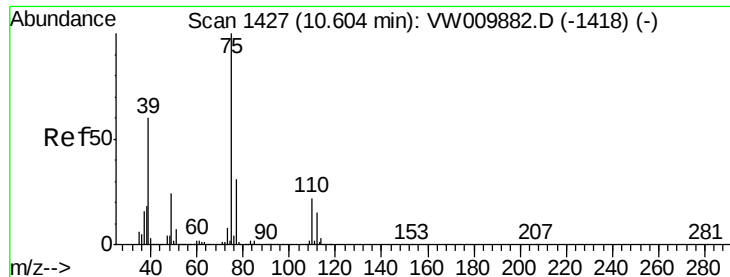
Tgt Ion: 84 Resp: 14564
Ion Ratio Lower Upper
84 100
49 109.8 98.3 182.5
86 52.2 46.4 86.2



#42
cis-1,3-Dichloropropene
Concen: 0.561 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW009897.D
Acq: 10 Apr 2019 23:22

Tgt Ion: 75 Resp: 5586
Ion Ratio Lower Upper
75 100
77 54.4 21.0 39.0#





#45

trans-1,3-Dichloropropene

Concen: 0.504 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009897.D

Acq: 10 Apr 2019 23:22

Instrument :

MSVOA_W

ClientSampled :

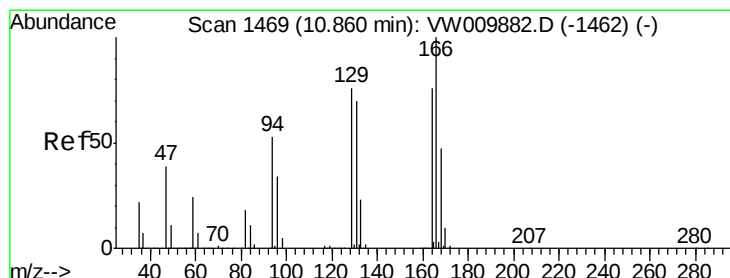
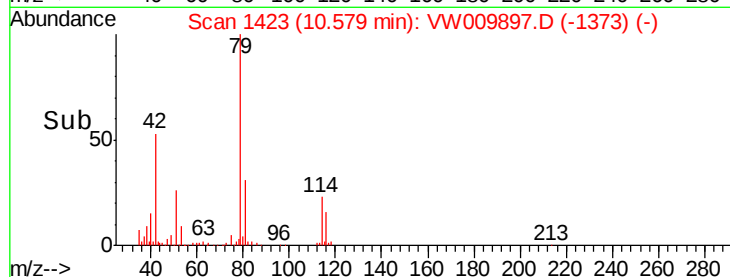
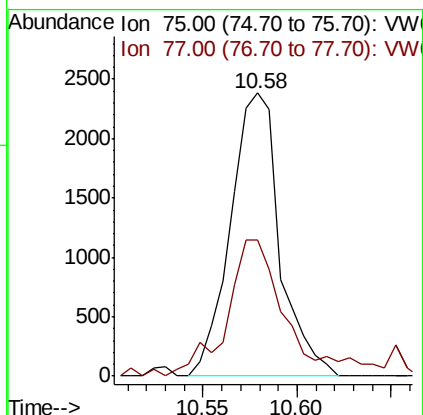
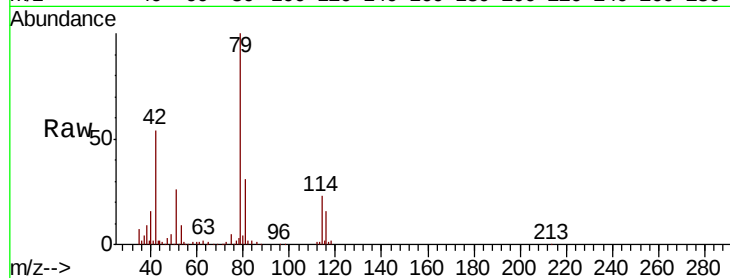
BF2S8

Tgt Ion: 75 Resp: 4324

Ion Ratio Lower Upper

75 100

77 48.3 21.1 39.3#



#47

Tetrachloroethene

Concen: 178.271 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009897.D

Acq: 10 Apr 2019 23:22

Tgt Ion: 164 Resp: 922242

Ion Ratio Lower Upper

164 100

129 97.5 68.9 127.9

131 93.4 63.1 117.1

166 126.5 88.5 164.4

