

Data File : VW009406.D
Acq On : 23 Mar 2019 23:00
Operator : SY/VA
Sample : K2062-22
Misc : 6.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0M8

Quant Time: Mar 23 23:57:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 23 23:52:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	370832	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	353824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150393	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99245	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
7) Chloroethane-d5	2.89	69	101171	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	156668	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.20	46	298	0.16	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.32%#
24) Chloroform-d	7.64	84	244216	24.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.52%
26) 1,2-Dichloroethane-d4	8.30	65	140075	22.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.92%
29) Benzene-d6	8.27	84	435011	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	138318	23.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.40%
37) Toluene-d8	10.32	98	375910	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	55456	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.36%
39) 2-Hexanone-d5	10.93	63	47431	33.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116939	20.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	144338	25.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.12%

Target Compounds

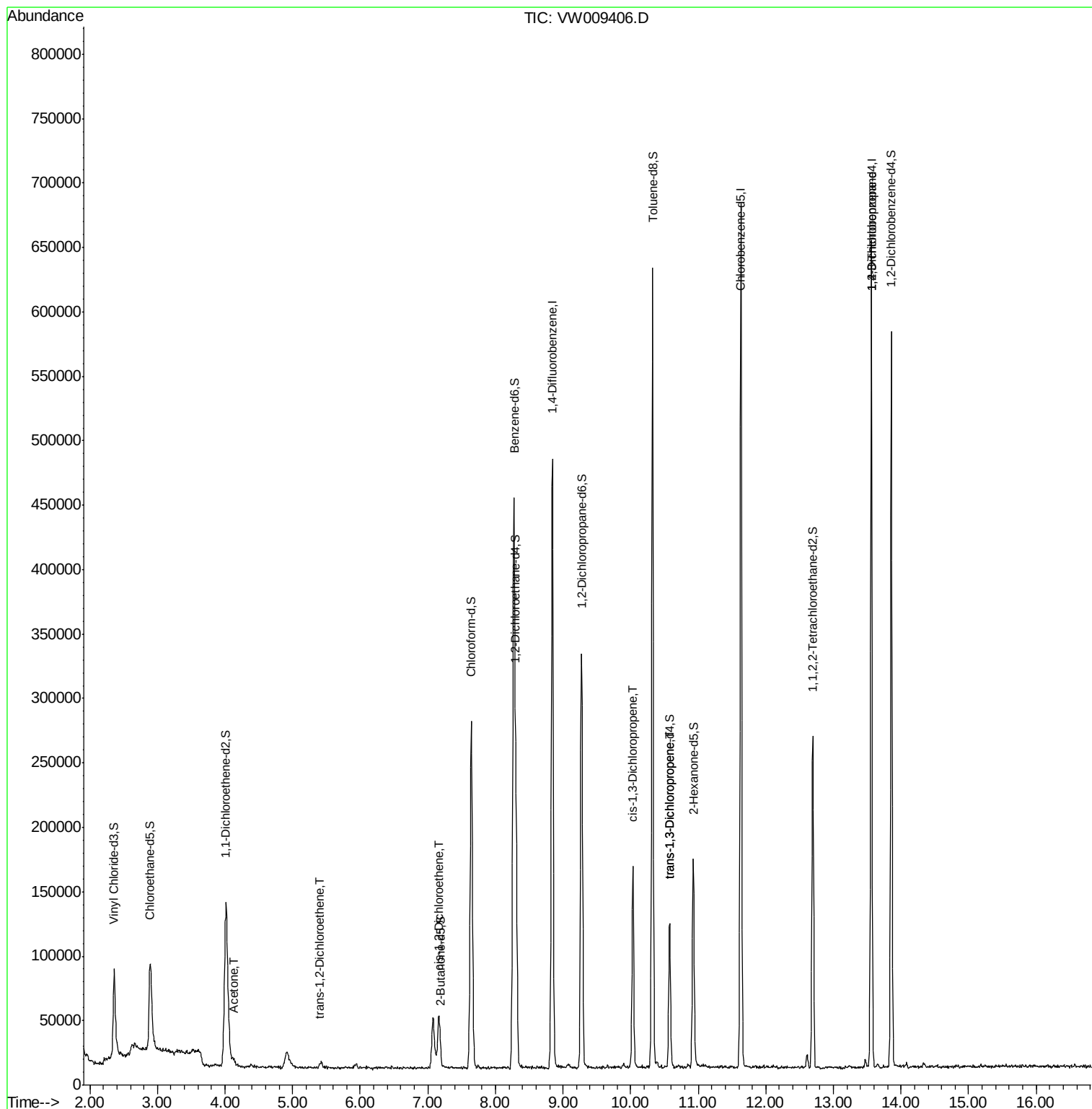
					Qvalue
13) Acetone	4.13	43	8170	5.436 ug/L	78
18) trans-1,2-Dichloroethene	5.40	96	1812	0.377 ug/L #	67
22) cis-1,2-Dichloroethene	7.17	96	21097	4.056 ug/L	97
42) cis-1,3-Dichloropropene	10.03	75	4957	0.612 ug/L	93
45) trans-1,3-Dichloropropene	10.57	75	2985	0.424 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	20093	5.062 ug/L	89

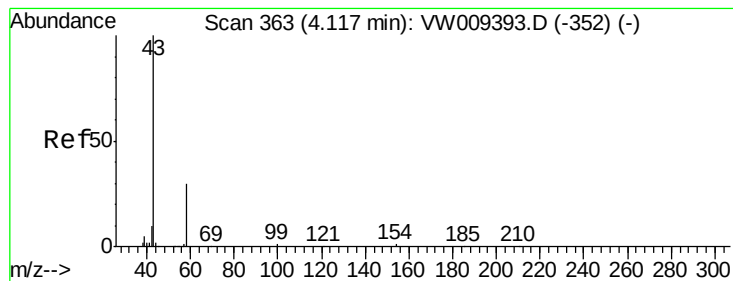
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.436 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 23 Mar 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

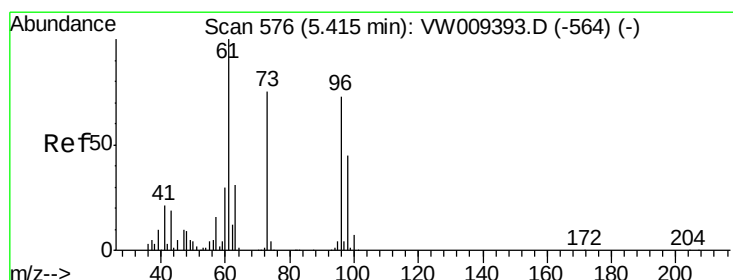
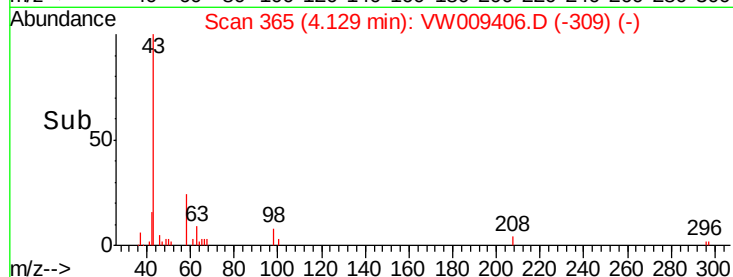
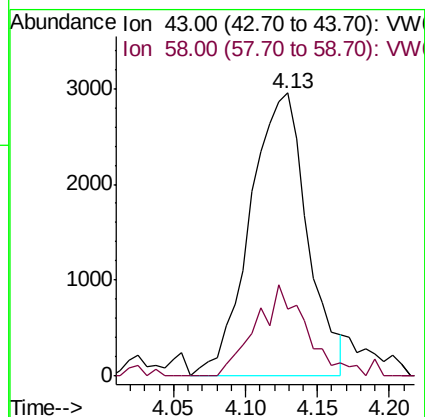
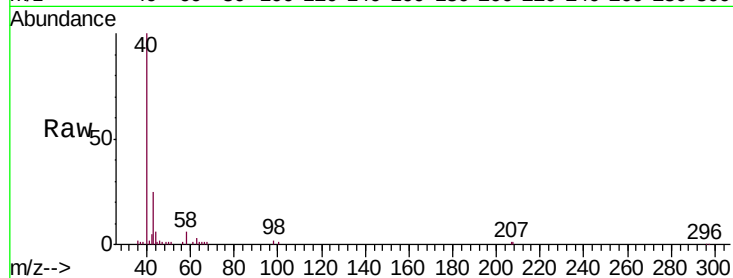
BF0M8

Tgt Ion: 43 Resp: 8170

Ion Ratio Lower Upper

43 100

58 16.3 0.0 56.2



#18

trans-1,2-Dichloroethene

Concen: 0.377 ug/L

RT: 5.40 min Scan# 574

Delta R.T. -0.01 min

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Acq: 23 Mar 2019 23:00

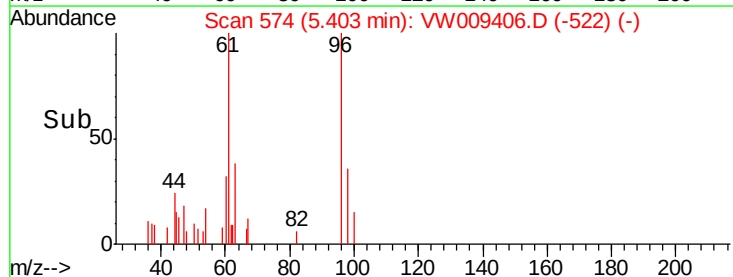
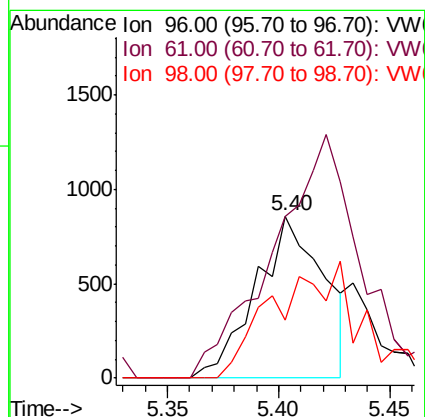
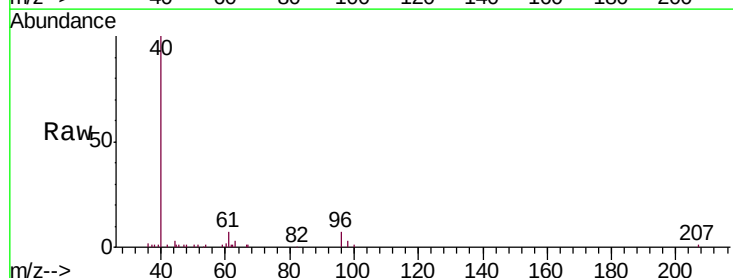
Tgt Ion: 96 Resp: 1812

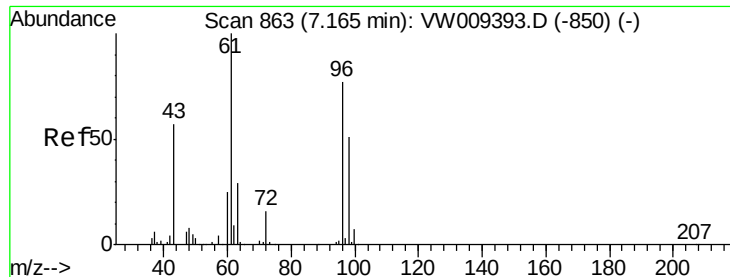
Ion Ratio Lower Upper

96 100

61 100.0 96.7 179.5

98 35.7 43.8 81.4#



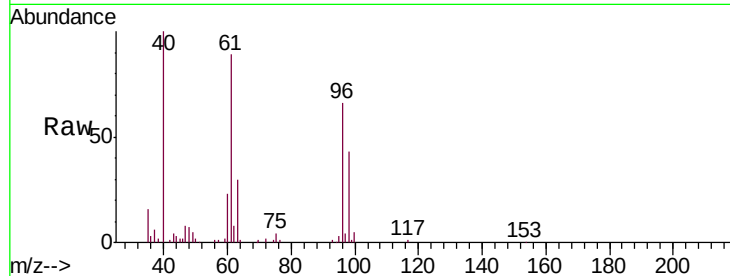


#22

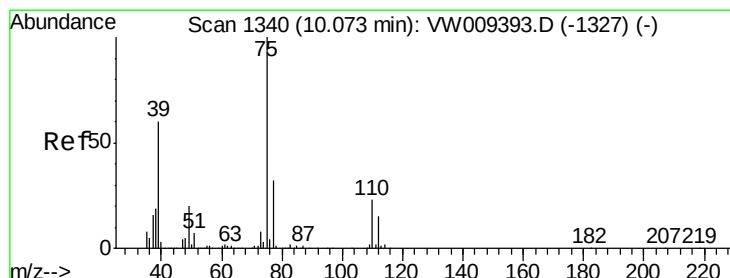
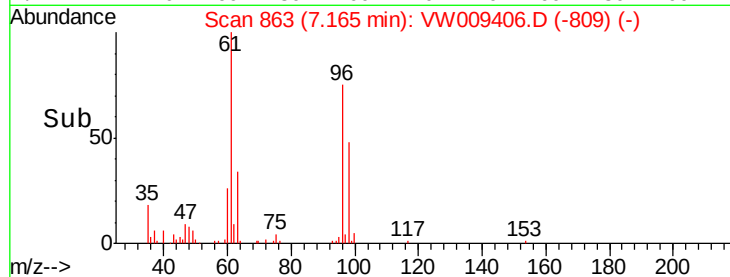
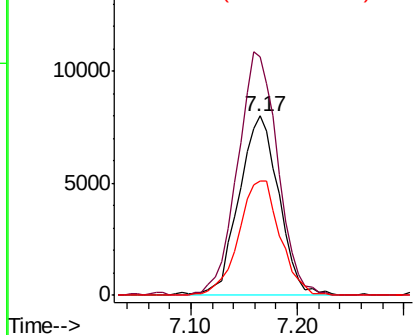
cis-1,2-Dichloroethene
 Concen: 4.056 ug/L
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW009406.D
 Acq: 23 Mar 2019 23:00

Instrument :
 MSVOA_W
 ClientSampled :
 BF0M8

Tgt Ion: 96 Resp: 21097
 Ion Ratio Lower Upper
 96 100
 61 133.5 90.6 168.3
 98 64.0 44.0 81.8



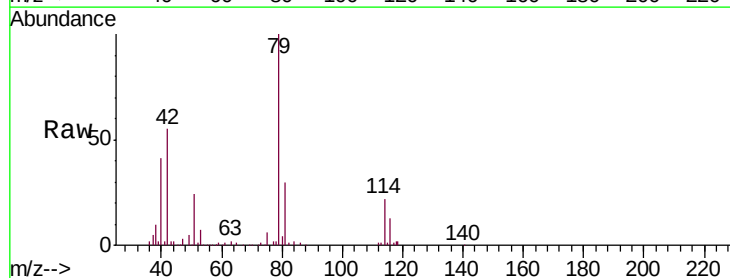
Abundance Ion 96.00 (95.70 to 96.70): VW
 Ion 61.00 (60.70 to 61.70): VW
 Ion 98.00 (97.70 to 98.70): VW



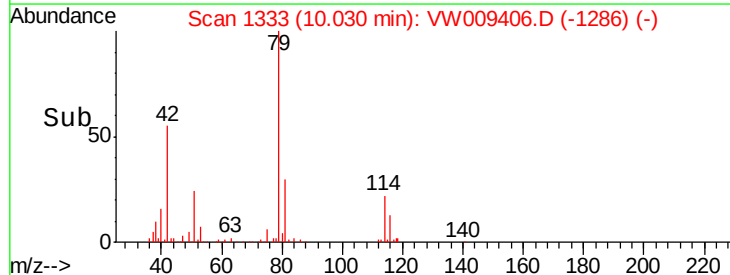
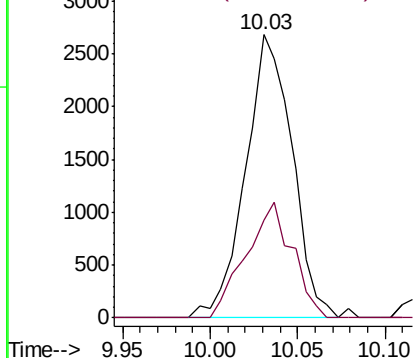
#42

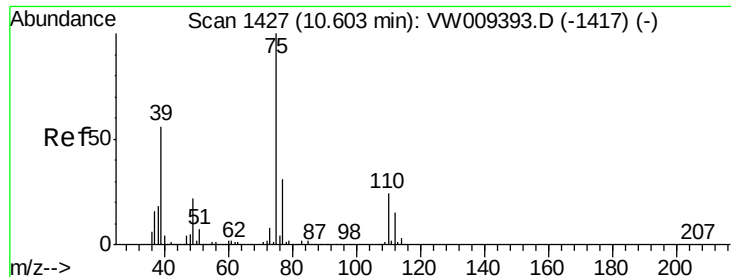
cis-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW009406.D
 Acq: 23 Mar 2019 23:00

Tgt Ion: 75 Resp: 4957
 Ion Ratio Lower Upper
 75 100
 77 34.5 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: 0.424 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009406.D

Acq: 23 Mar 2019 23:00

Instrument :

MSVOA_W

ClientSampleId :

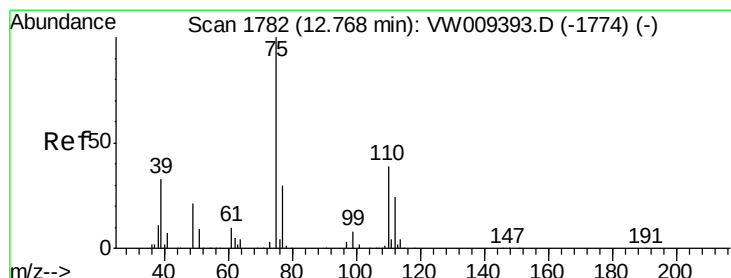
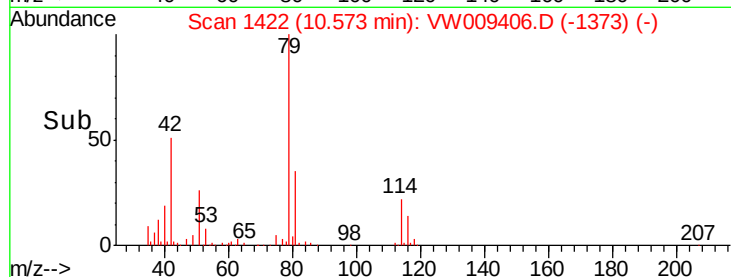
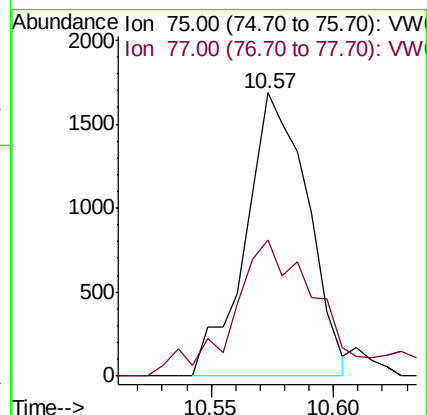
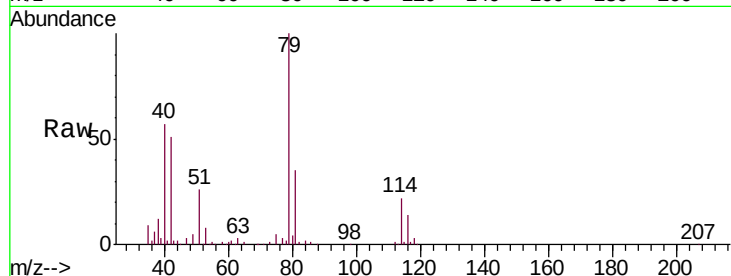
BFOM8

Tgt Ion: 75 Resp: 2985

Ion Ratio Lower Upper

75 100

77 48.3 22.5 41.7#



#59

1,2,3-Trichloropropane

Concen: 5.062 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW009406.D

Acq: 23 Mar 2019 23:00

Tgt Ion: 75 Resp: 20093

Ion Ratio Lower Upper

75 100

77 39.0 26.2 39.2

