

Data File : VW009398.D
Acq On : 23 Mar 2019 19:21
Operator : SY/VA
Sample : K2062-02
Misc : 2.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0G9

Quant Time: Mar 23 23:55:54 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	317397	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288089	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107142	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82747	21.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.28%
7) Chloroethane-d5	2.89	69	86734	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.16%
10) 1,1-Dichloroethene-d2	4.02	63	132325	16.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.56%
20) 2-Butanone-d5	7.08	46	90593	57.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.50%
24) Chloroform-d	7.65	84	201191	23.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	8.31	65	126475	24.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.96%
29) Benzene-d6	8.27	84	347868	21.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.60%
33) 1,2-Dichloropropane-d6	9.27	67	114710	24.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.16%
37) Toluene-d8	10.32	98	294671	20.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.24%
38) trans-1,3-Dichloropropene-	10.58	79	48748	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	64918	56.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123942	26.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	96780	23.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.24%

Target Compounds

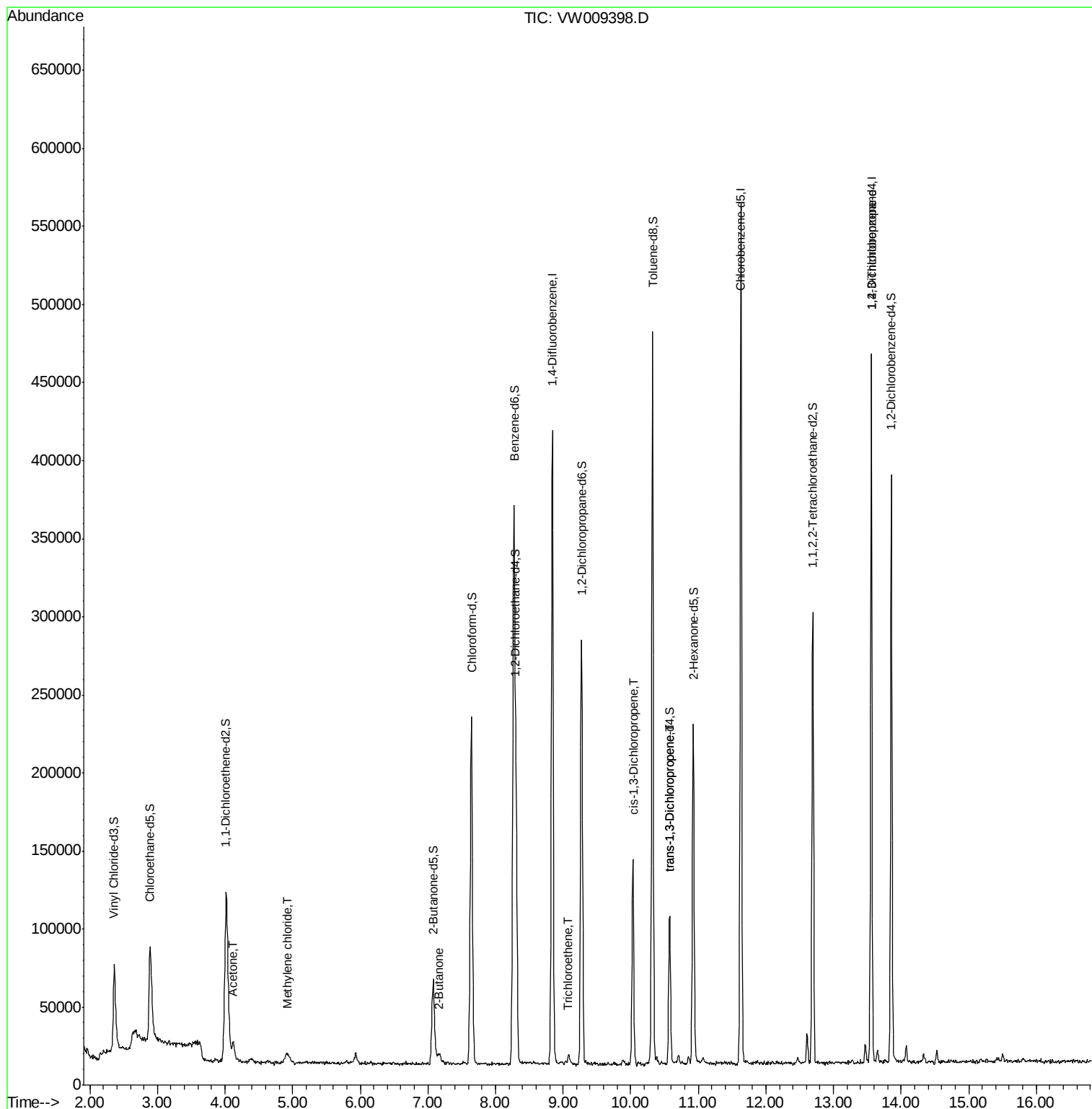
					Qvalue
13) Acetone	4.12	43	19360	15.051 ug/L	99
16) Methylene chloride	4.92	84	5496	1.187 ug/L	83
21) 2-Butanone	7.17	43	5544	3.121 ug/L	76
35) Trichloroethene	9.09	95	1410	0.336 ug/L #	73
42) cis-1,3-Dichloropropene	10.03	75	3758	0.570 ug/L #	66
45) trans-1,3-Dichloropropene	10.57	75	3031	0.529 ug/L	91
59) 1,2,3-Trichloropropane	13.56	75	14864	4.599 ug/L	91

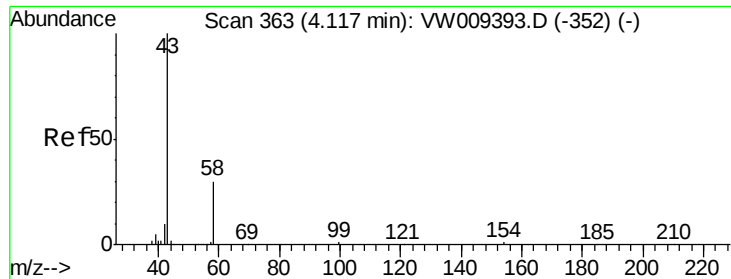
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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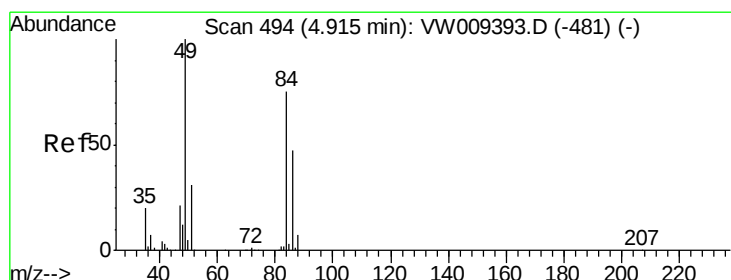
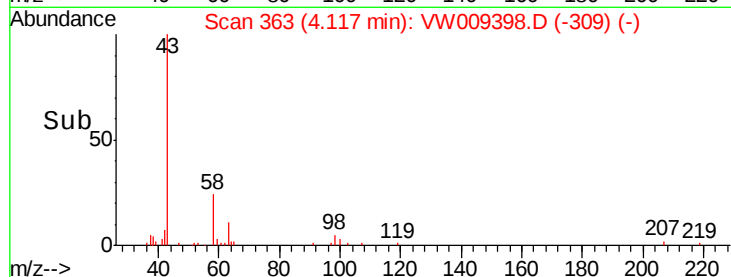
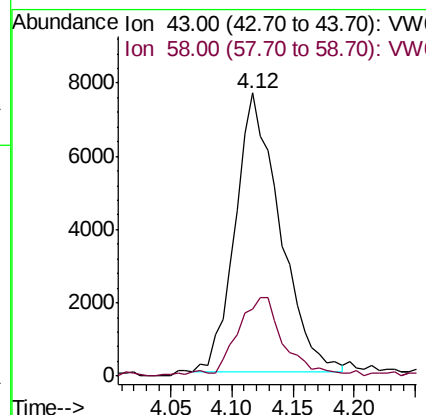
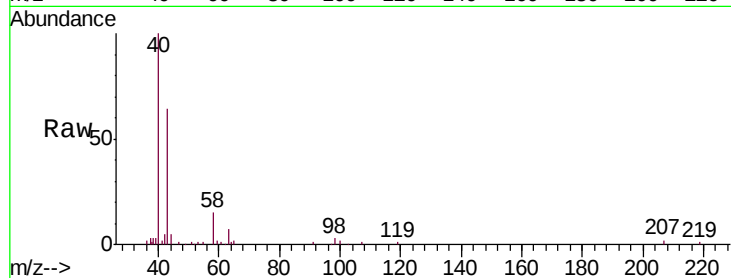




#13
Acetone
Concen: 15.051 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW009398.D
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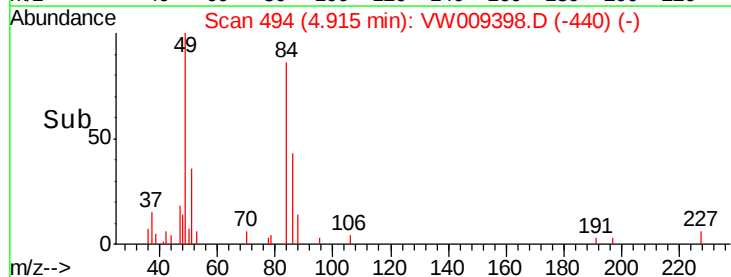
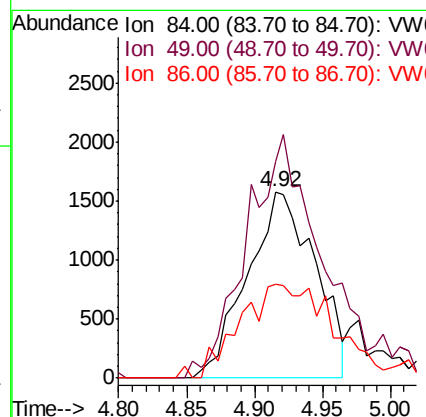
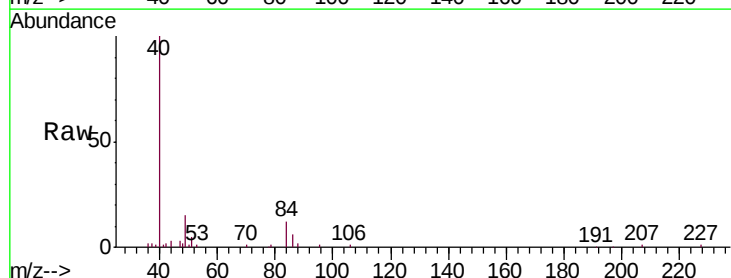
Instrument :
MSVOA_W
ClientSampleId :
BF0G9

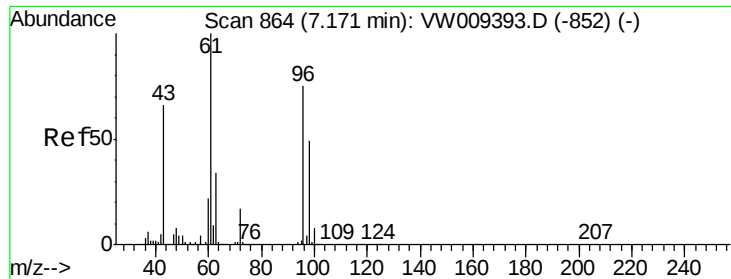
Tgt Ion: 43 Resp: 19360
Ion Ratio Lower Upper
43 100
58 28.8 0.0 56.2



#16
Methylene chloride
Concen: 1.187 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009398.D
Acq: 23 Mar 2019 19:21

Tgt Ion: 84 Resp: 5496
Ion Ratio Lower Upper
84 100
49 116.5 96.0 178.2
86 50.3 44.4 82.5





#21

2-Butanone

Concen: 3.121 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009398.D

Acq: 23 Mar 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

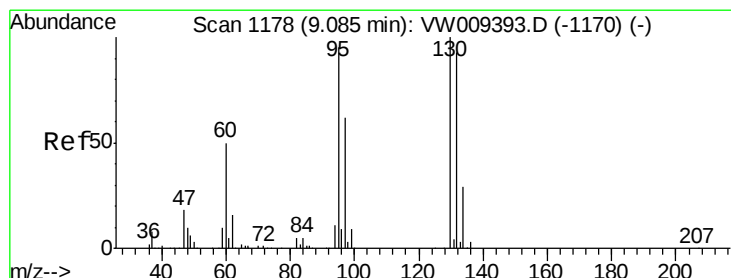
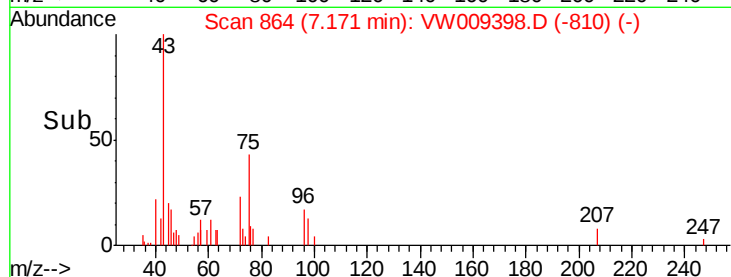
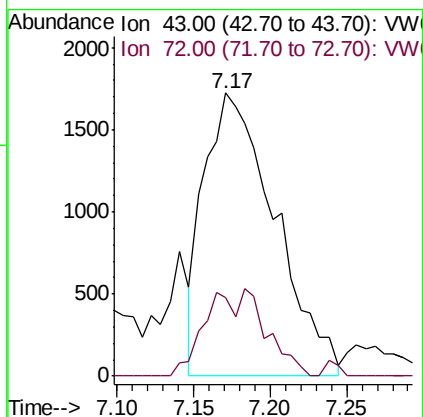
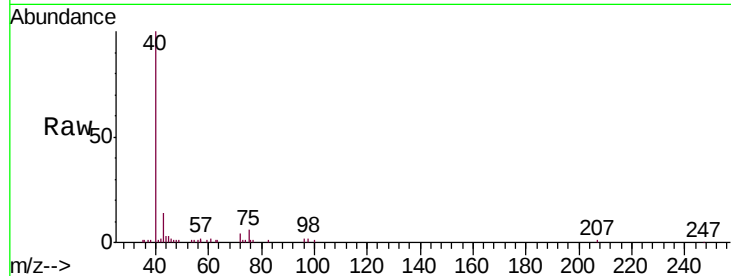
BF0G9

Tgt Ion: 43 Resp: 5544

Ion Ratio Lower Upper

43 100

72 14.1 13.1 39.1



#35

Trichloroethene

Concen: 0.336 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009398.D

Acq: 23 Mar 2019 19:21

Tgt Ion: 95 Resp: 1410

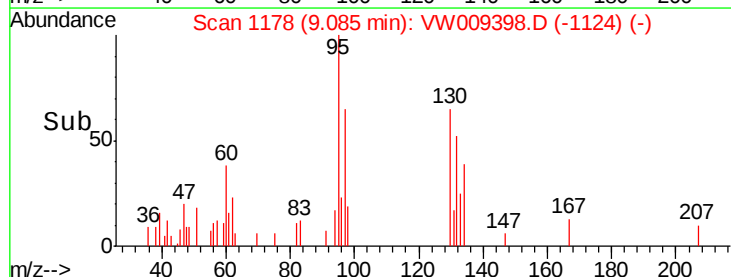
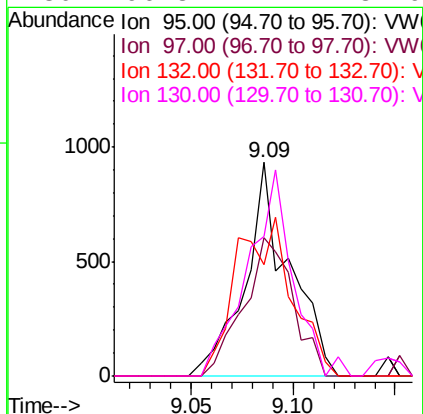
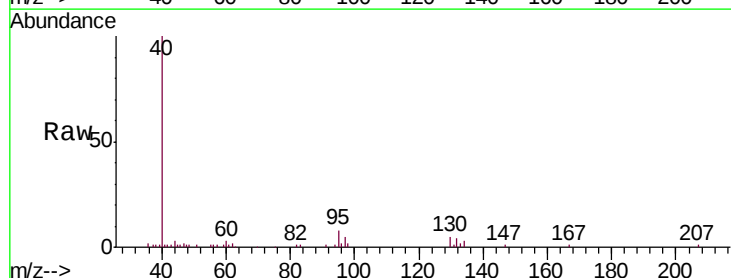
Ion Ratio Lower Upper

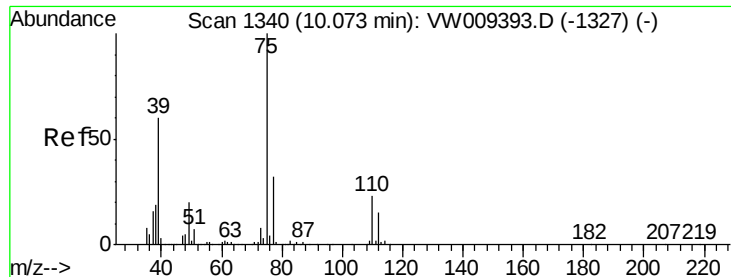
95 100

97 71.9 44.7 82.9

132 41.1 69.0 128.2#

130 96.3 72.7 134.9





#42

cis-1,3-Dichloropropene

Concen: 0.570 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009398.D

Acq: 23 Mar 2019 19:21

Instrument :

MSVOA_W

ClientSampled :

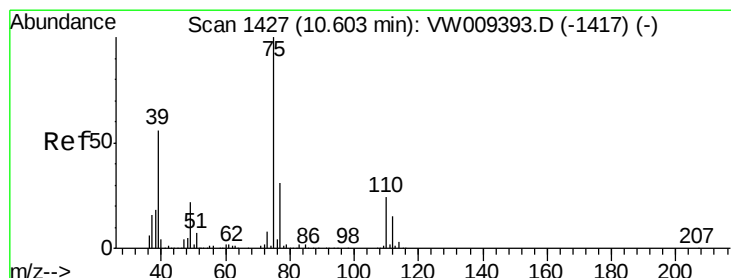
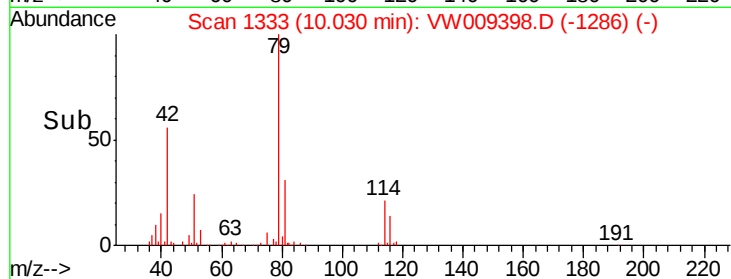
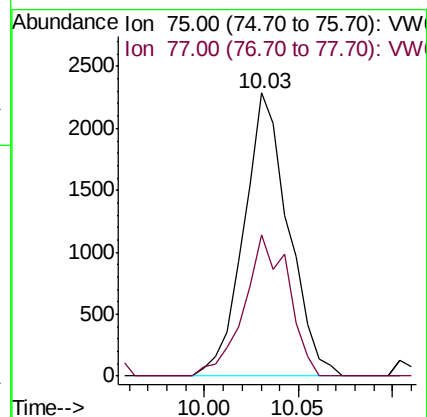
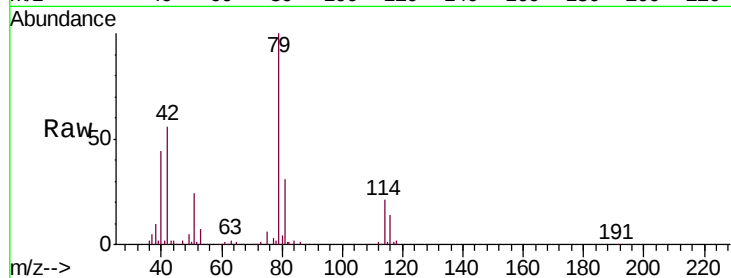
BF0G9

Tgt Ion: 75 Resp: 3758

Ion Ratio Lower Upper

75 100

77 49.7 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.529 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009398.D

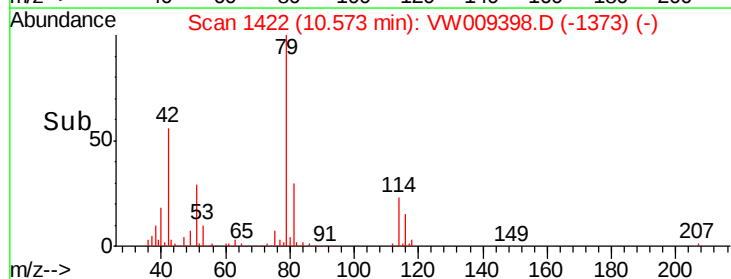
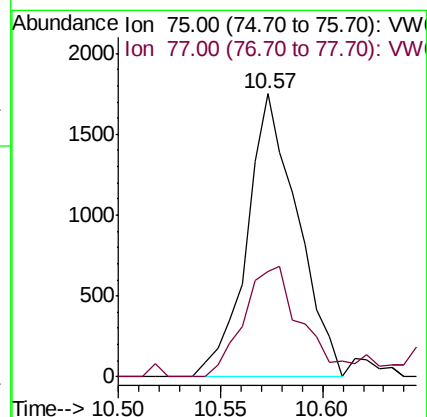
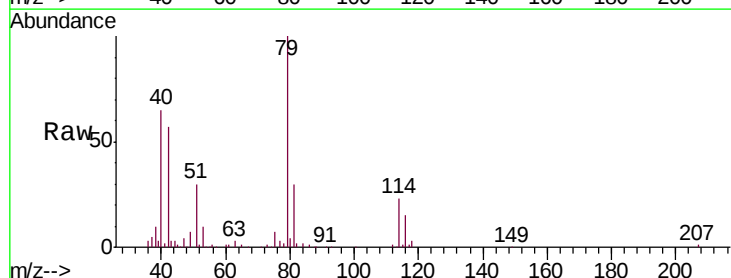
Acq: 23 Mar 2019 19:21

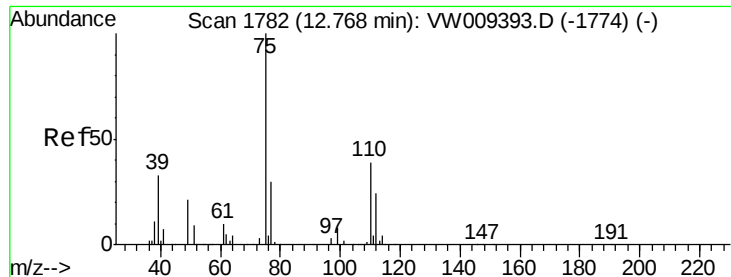
Tgt Ion: 75 Resp: 3031

Ion Ratio Lower Upper

75 100

77 37.1 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.599 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009398.D

Acq: 23 Mar 2019 19:21

Instrument :

MSVOA_W

ClientSampleId :

BF0G9

Tgt Ion: 75 Resp: 14864

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

