

Data File : VW014066.D
Acq On : 18 Nov 2019 17:06
Operator : SY/VA
Sample : K5810-15
Misc : 4.23G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLS2

Quant Time: Nov 19 07:25:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 19 07:22:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359586	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349903	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	186454	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102384	17.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.40%
7) Chloroethane-d5	2.89	69	93645	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.02	63	170931	14.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.08%
20) 2-Butanone-d5	7.07	46	69753	41.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.70%
24) Chloroform-d	7.64	84	256504	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.30	65	132661	23.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.48%
29) Benzene-d6	8.27	84	540490	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	9.27	67	164477	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.48%
37) Toluene-d8	10.32	98	494370	21.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.00%
38) trans-1,3-Dichloropropene-	10.57	79	64764	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.16%
39) 2-Hexanone-d5	10.92	63	54709	39.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121597	22.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	175719	23.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.84%

Target Compounds

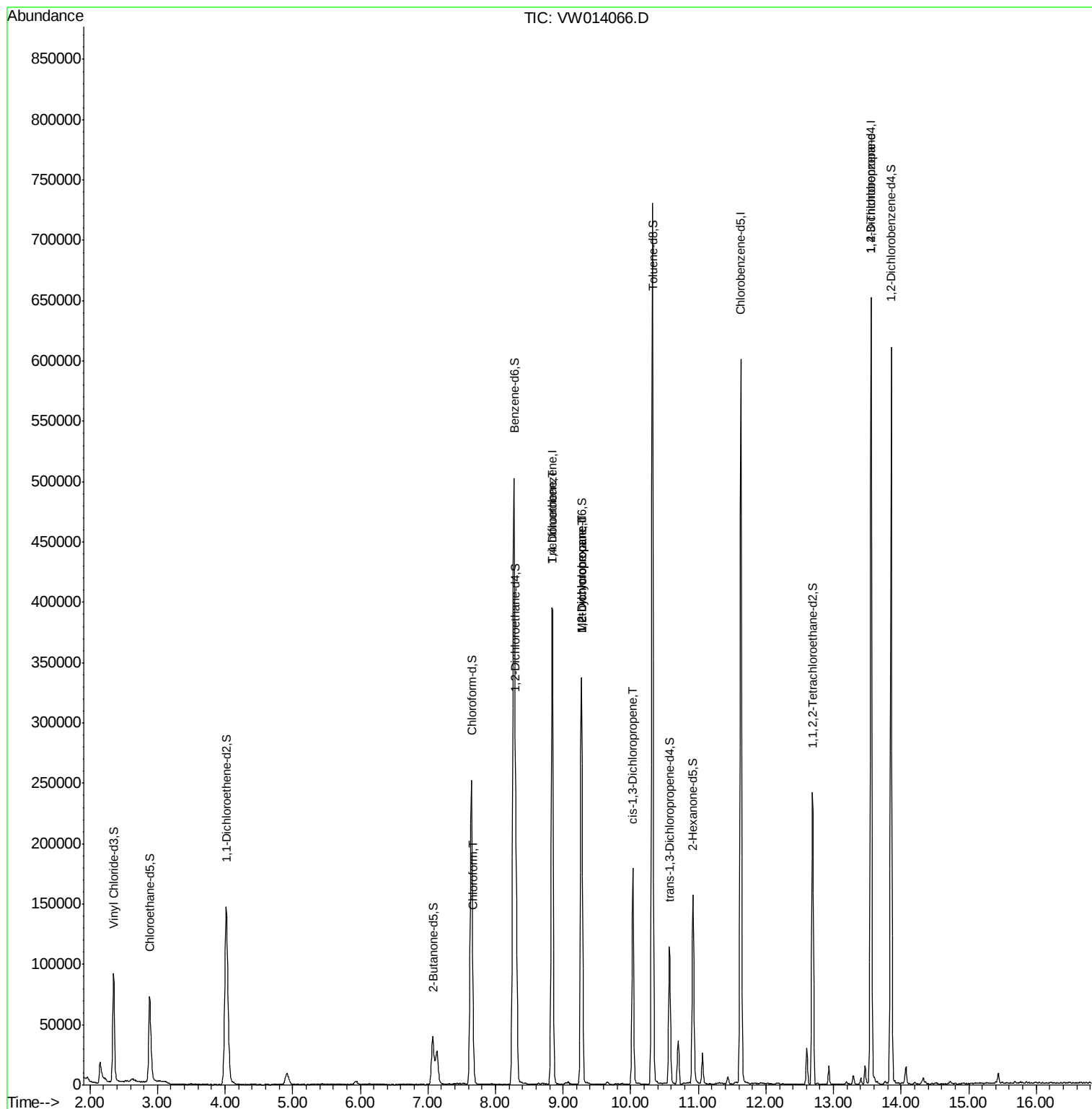
					Qvalue
25) Chloroform	7.67	83	7051	0.673 ug/L	77
35) Trichloroethene	8.84	95	10437	1.524 ug/L #	2
36) Methylcyclohexane	9.27	83	40137	3.270 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	17040	2.758 ug/L #	85
42) cis-1,3-Dichloropropene	10.03	75	3975	0.408 ug/L #	50
59) 1,2,3-Trichloropropane	13.56	75	19497	4.891 ug/L	94

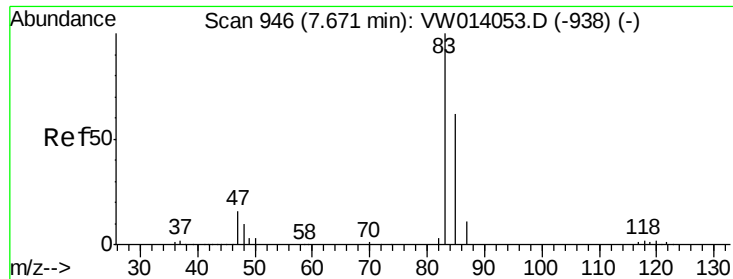
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 19 07:22:02 2019
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#25

Chloroform

Concen: 0.673 ug/L

RT: 7.67 min Scan# 946

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

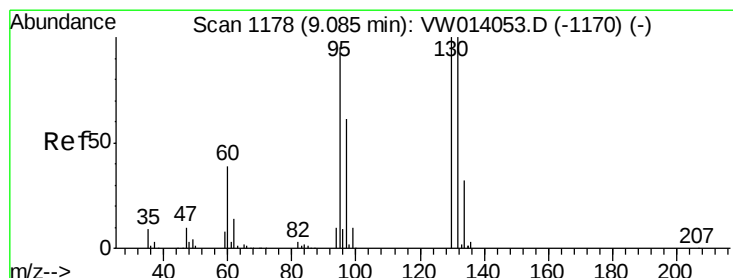
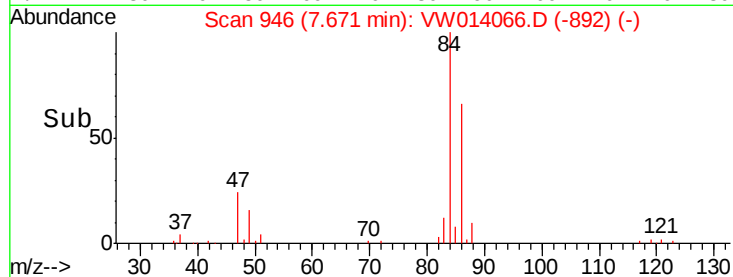
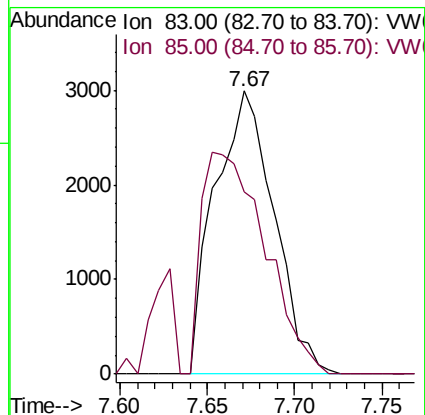
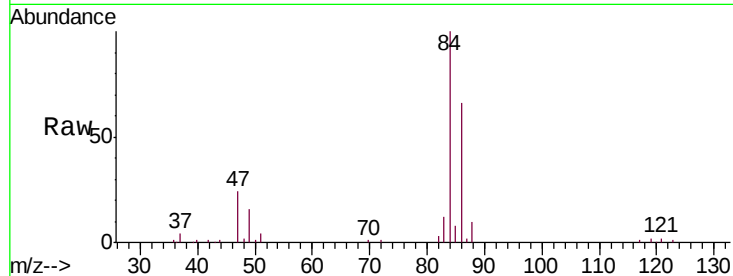
BFLS2

Tgt Ion: 83 Resp: 7051

Ion Ratio Lower Upper

83 100

85 84.5 46.1 85.7



#35

Trichloroethene

Concen: 1.524 ug/L

RT: 8.84 min Scan# 1137

Delta R.T. -0.25 min

Lab File: VW014066.D

Acq: 18 Nov 2019 17:06

Tgt Ion: 95 Resp: 10437

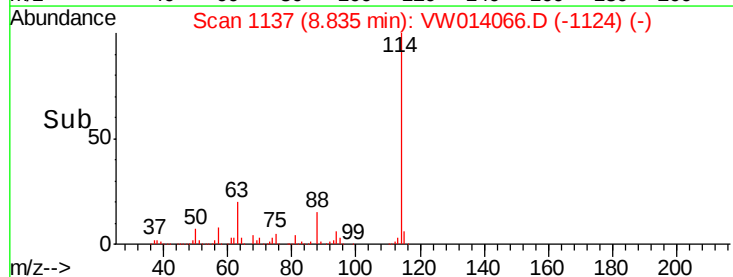
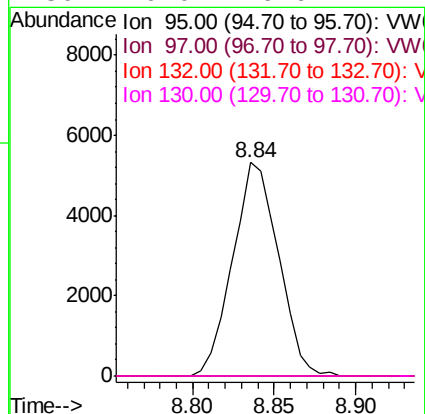
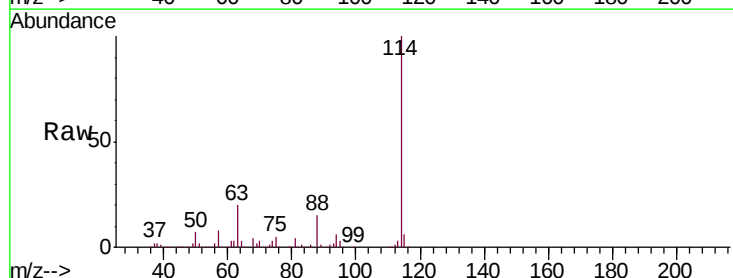
Ion Ratio Lower Upper

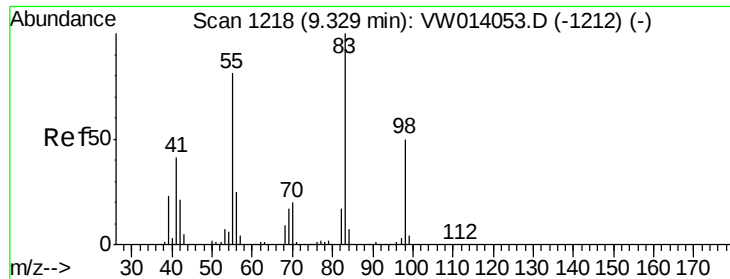
95 100

97 0.7 45.1 83.9#

132 0.0 73.7 136.9#

130 0.0 76.6 142.2#

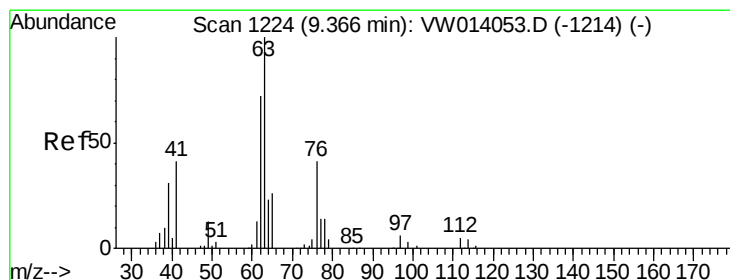
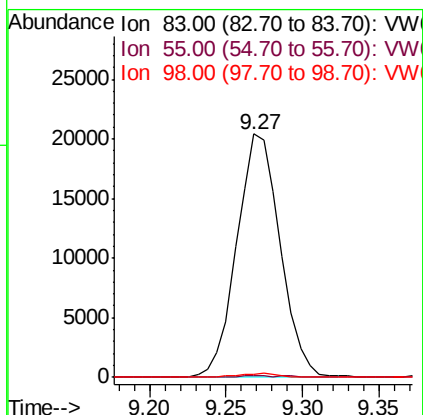
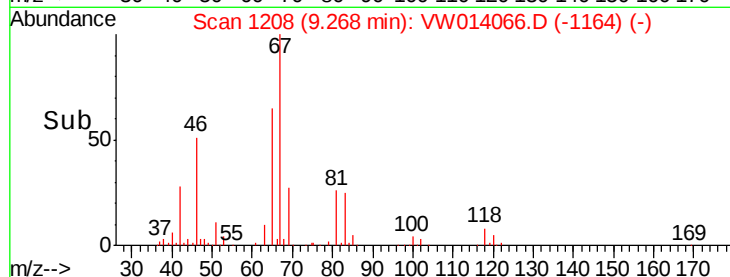
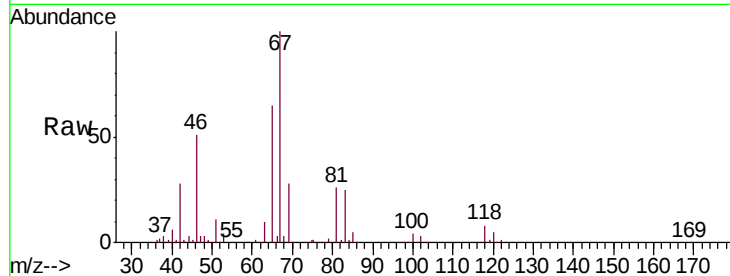




#36
Methylcyclohexane
Concen: 3.270 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.06 min
Lab File: VW014066.D
Acq: 18 Nov 2019 17:06

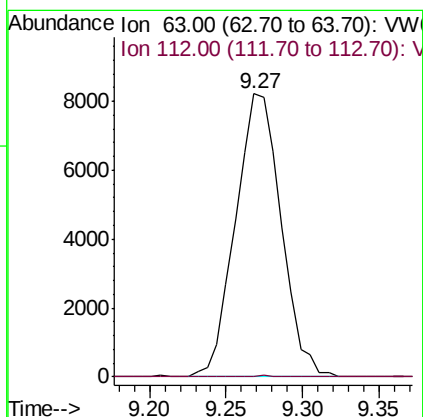
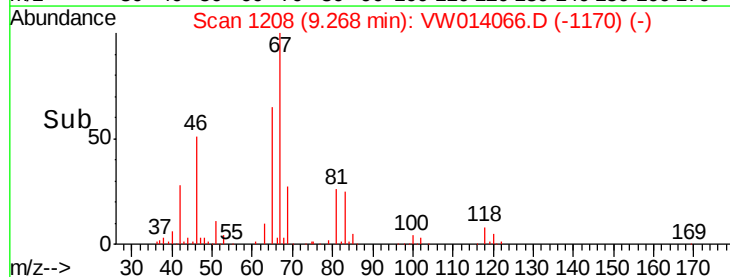
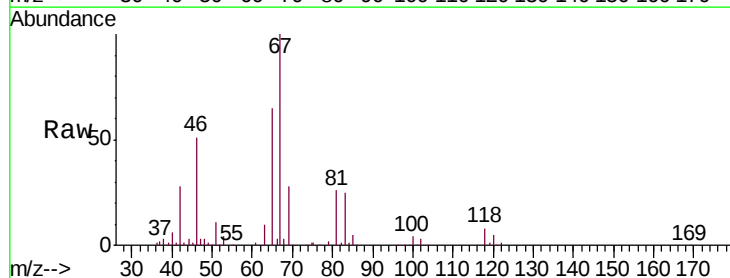
Instrument :
MSVOA_W
ClientSampled :
BFLS2

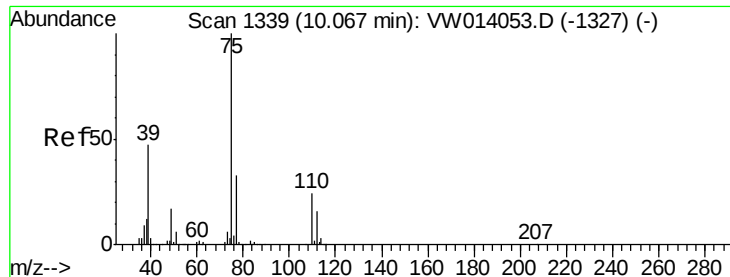
Tgt Ion: 83 Resp: 40137
Ion Ratio Lower Upper
83 100
55 0.4 59.8 89.8#
98 1.3 39.5 59.3#



#40
1,2-Dichloropropane
Concen: 2.758 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.10 min
Lab File: VW014066.D
Acq: 18 Nov 2019 17:06

Tgt Ion: 63 Resp: 17040
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#42

cis-1,3-Dichloropropene

Concen: 0.408 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW014066.D

Acq: 18 Nov 2019 17:06

Instrument :

MSVOA_W

ClientSampled :

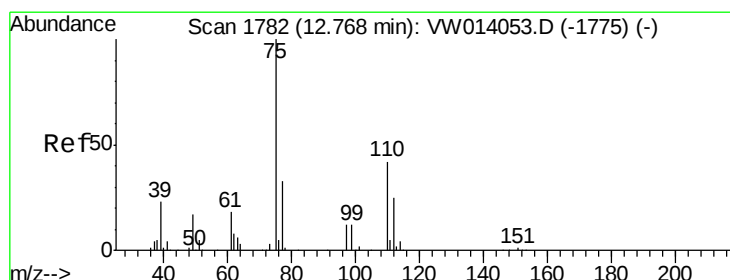
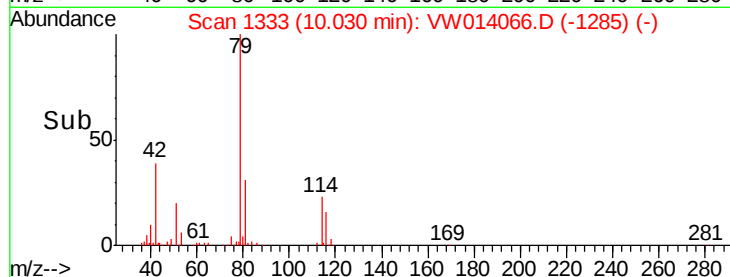
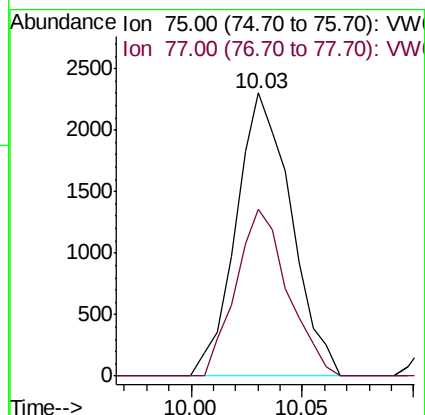
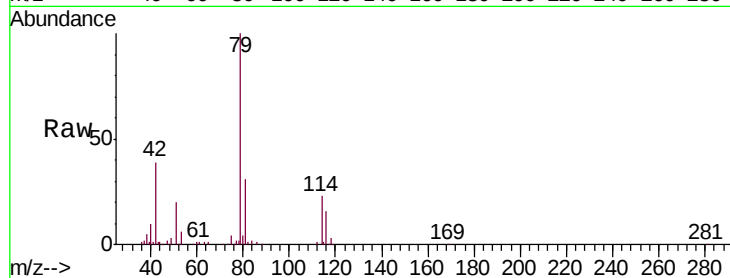
BFLS2

Tgt Ion: 75 Resp: 3975

Ion Ratio Lower Upper

75 100

77 59.1 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 4.891 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW014066.D

Acq: 18 Nov 2019 17:06

Tgt Ion: 75 Resp: 19497

Ion Ratio Lower Upper

75 100

77 35.7 25.9 38.9

