

Data File : VW014019.D
Acq On : 14 Nov 2019 14:34
Operator : SY/VA
Sample : K5798-14
Misc : 4.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX2

Quant Time: Nov 15 01:49:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	310804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	144750	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124042	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
7) Chloroethane-d5	2.89	69	109307	25.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.16%
10) 1,1-Dichloroethene-d2	4.02	63	197358	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.16%
20) 2-Butanone-d5	7.07	46	113943	73.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.12%#
24) Chloroform-d	7.65	84	271535	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.30	65	161895	31.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.36%
29) Benzene-d6	8.27	84	611755	27.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.96%
33) 1,2-Dichloropropane-d6	9.27	67	190839	29.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.16%
37) Toluene-d8	10.32	98	534871	25.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.32%
38) trans-1,3-Dichloropropene-	10.57	79	73810	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.72%
39) 2-Hexanone-d5	10.92	63	87799	71.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.34%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147119	30.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.64%#
61) 1,2-Dichlorobenzene-d4	13.85	152	171411	29.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.88%

Target Compounds

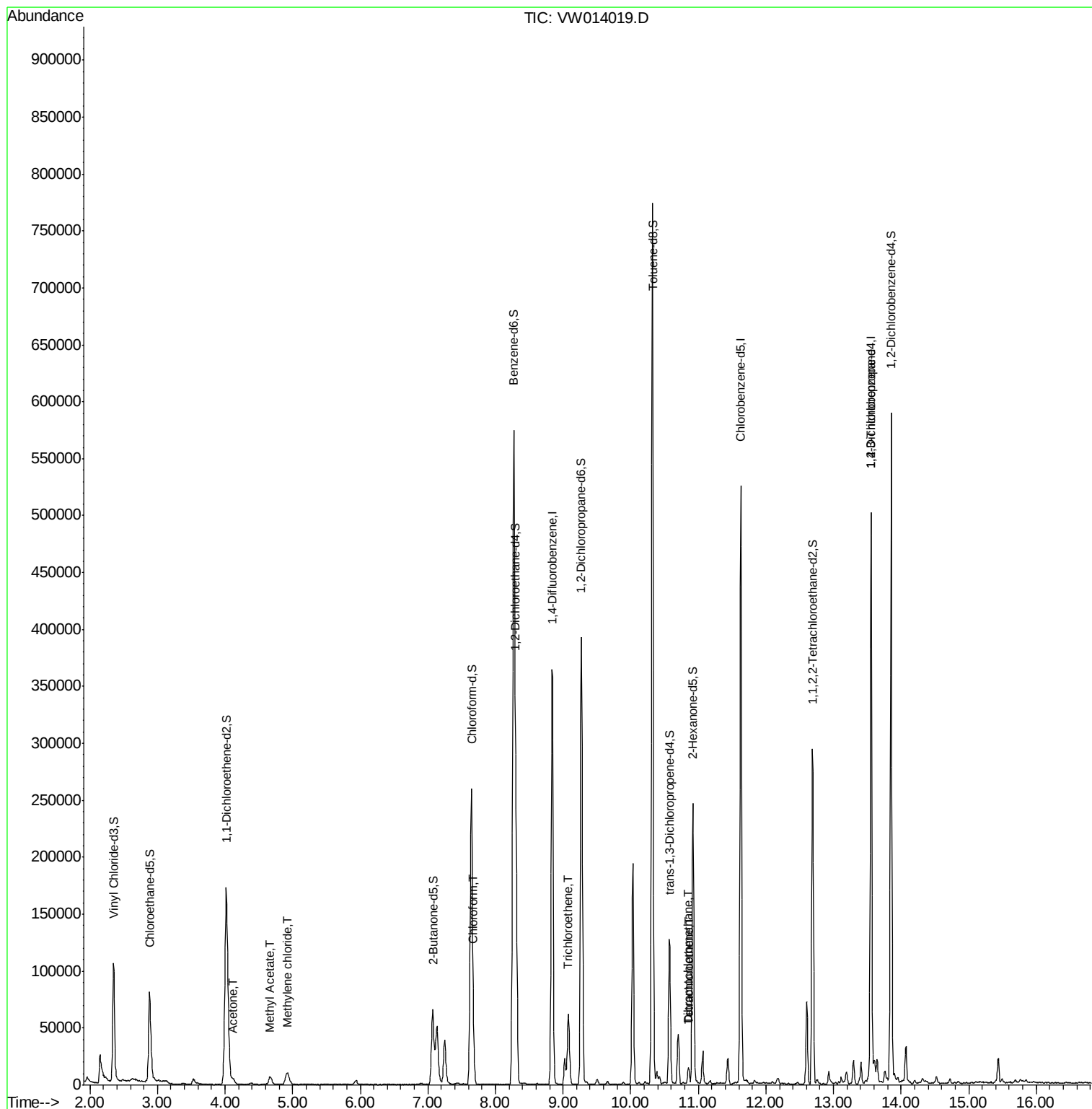
					Qvalue
13) Acetone	4.12	43	6887	4.369 ug/L	84
15) Methyl Acetate	4.67	43	9513	3.730 ug/L	94
16) Methylene chloride	4.91	84	10468	1.627 ug/L #	72
25) Chloroform	7.68	83	22052	2.266 ug/L	88
35) Trichloroethene	9.09	95	9804	1.612 ug/L	95
47) Tetrachloroethene	10.87	164	3644	0.672 ug/L	92
50) Dibromochloromethane	10.85	129	3190	0.673 ug/L #	10
59) 1,2,3-Trichloropropane	13.55	75	14694	4.150 ug/L	94

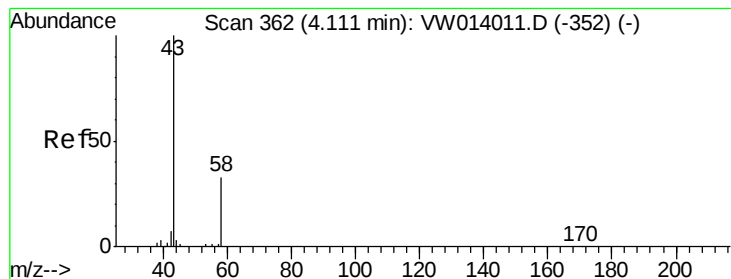
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014019.D
Acq On : 14 Nov 2019 14:34
Operator : SY/VA
Sample : K5798-14
Misc : 4.68G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX2

Quant Time: Nov 15 01:49:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 15 01:46:12 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.369 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

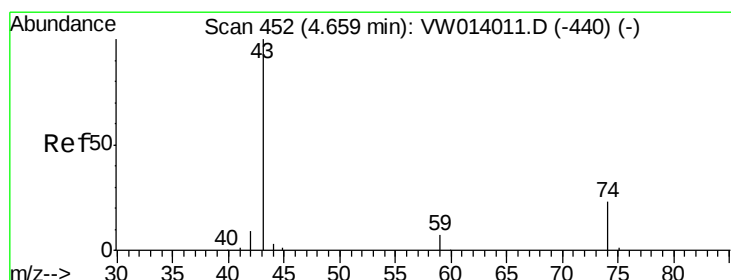
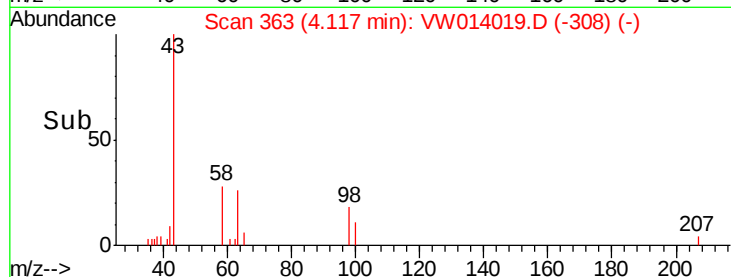
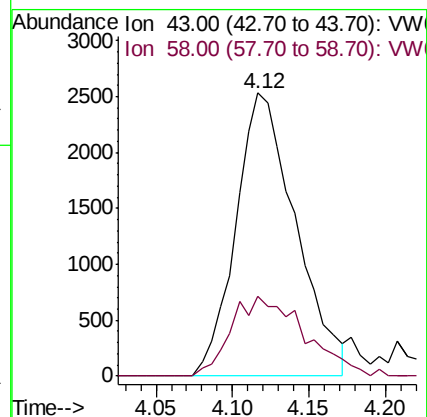
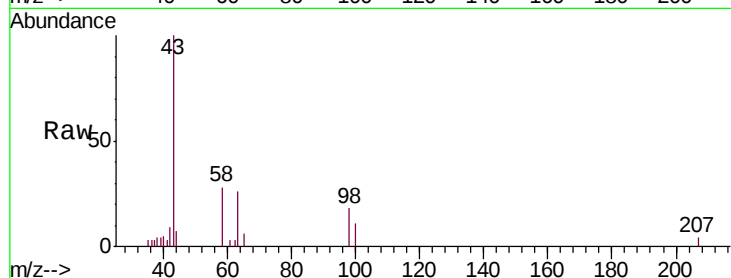
BFLX2

Tgt Ion: 43 Resp: 6887

Ion Ratio Lower Upper

43 100

58 23.8 0.0 65.4



#15

Methyl Acetate

Concen: 3.730 ug/L

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014019.D

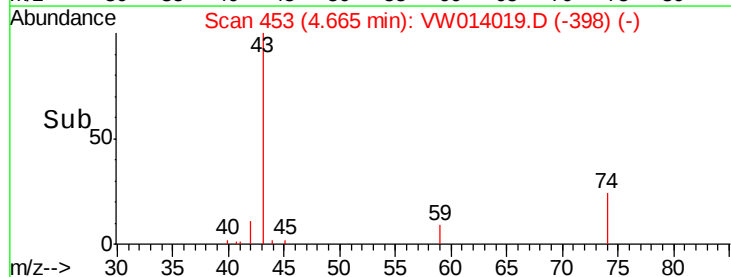
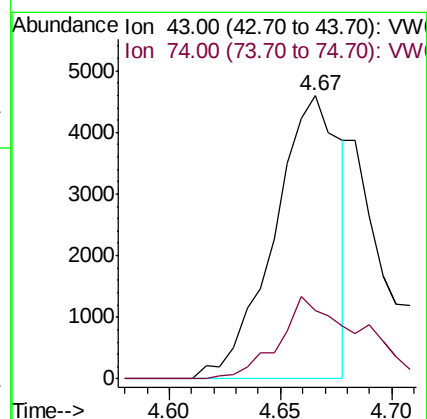
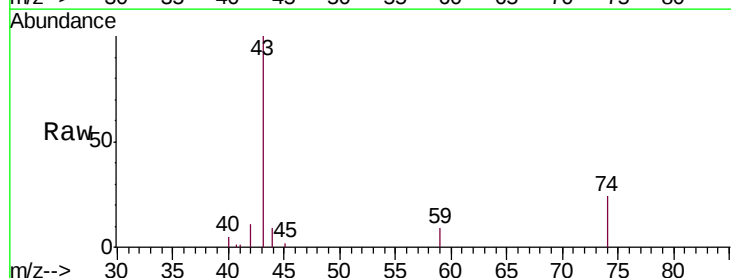
Acq: 14 Nov 2019 14:34

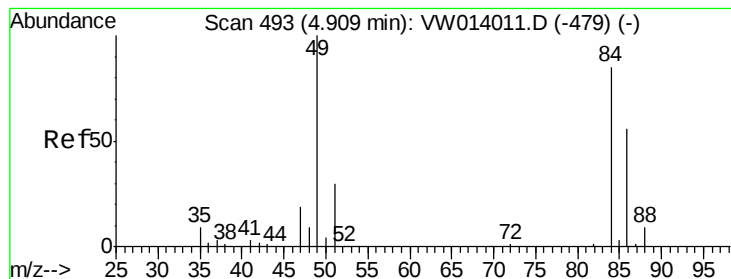
Tgt Ion: 43 Resp: 9513

Ion Ratio Lower Upper

43 100

74 27.1 19.3 28.9





#16

Methylene chloride

Concen: 1.627 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.00 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

BFLX2

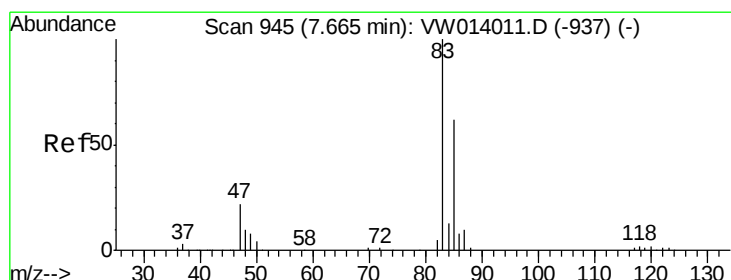
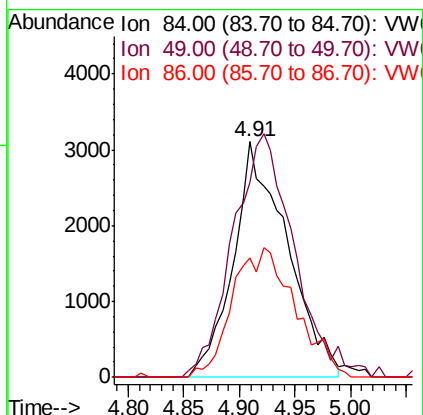
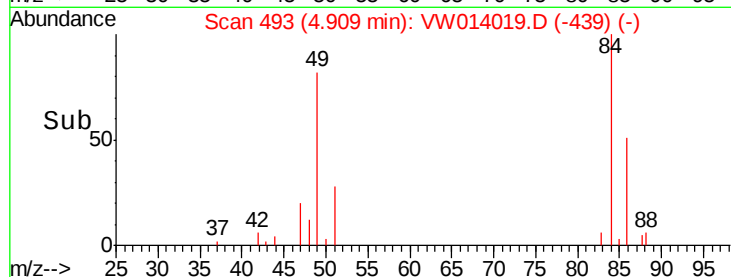
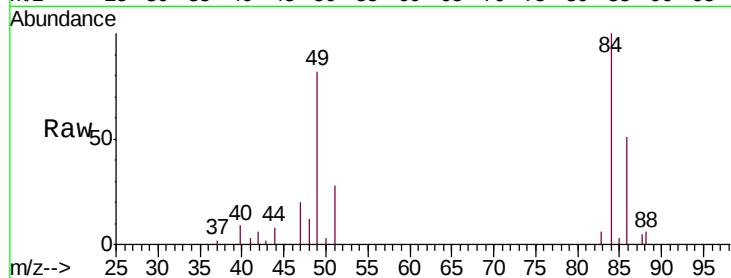
Tgt Ion: 84 Resp: 10468

Ion Ratio Lower Upper

84 100

49 82.5 84.2 156.4#

86 50.8 43.7 81.1



#25

Chloroform

Concen: 2.266 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.01 min

Lab File: VW014019.D

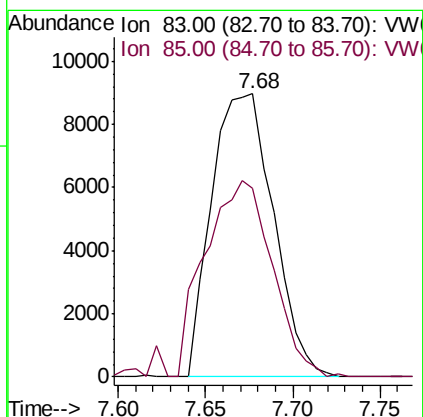
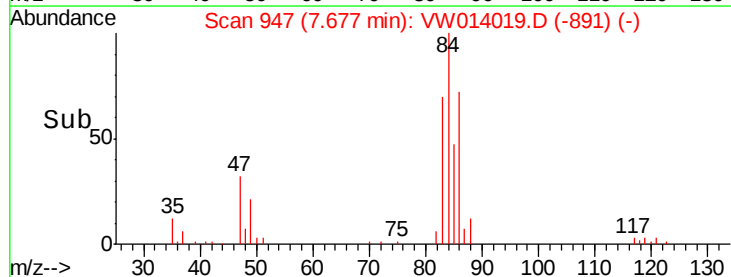
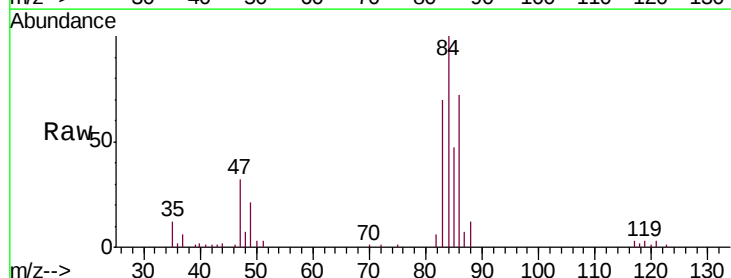
Acq: 14 Nov 2019 14:34

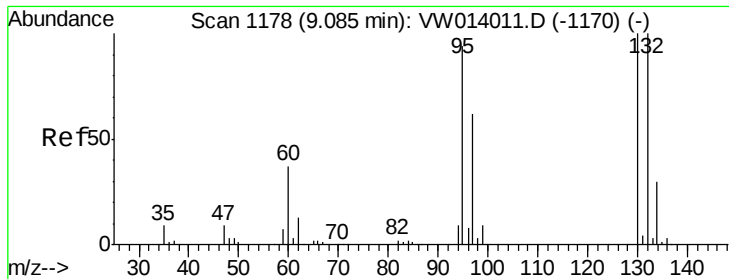
Tgt Ion: 83 Resp: 22052

Ion Ratio Lower Upper

83 100

85 75.3 46.1 85.7





#35

Trichloroethene

Concen: 1.612 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

BFLX2

Tgt Ion: 95 Resp: 9804

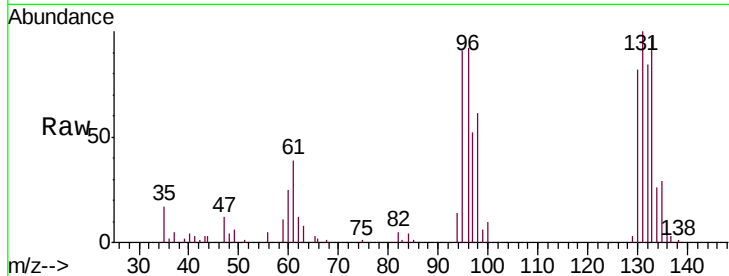
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.9

132 114.1 73.7 136.9

130 105.6 76.6 142.2



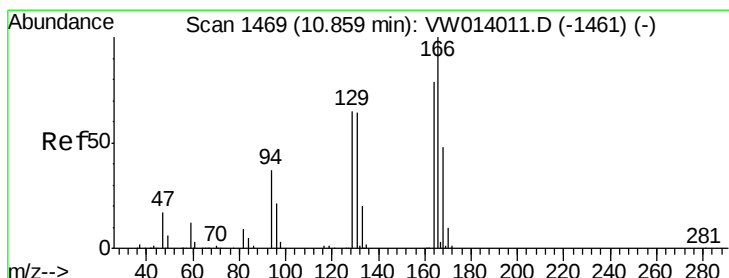
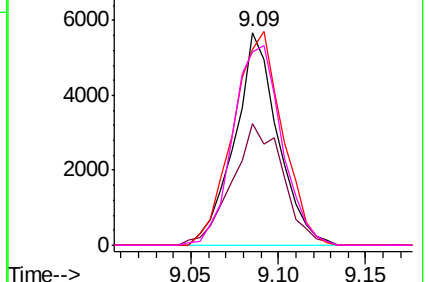
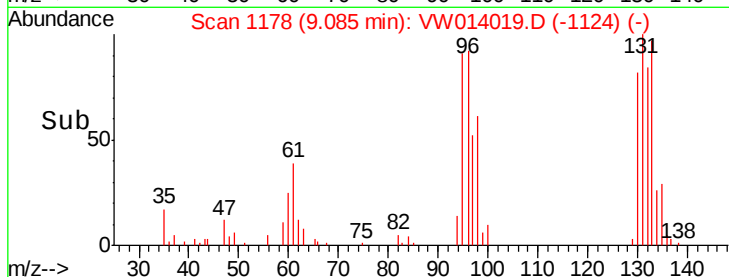
Abundance

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



#47

Tetrachloroethene

Concen: 0.672 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Tgt Ion: 164 Resp: 3644

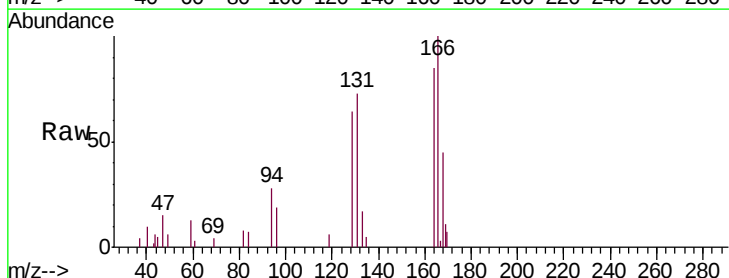
Ion Ratio Lower Upper

164 100

129 74.6 60.6 112.6

131 85.6 59.1 109.7

166 120.4 90.8 168.6



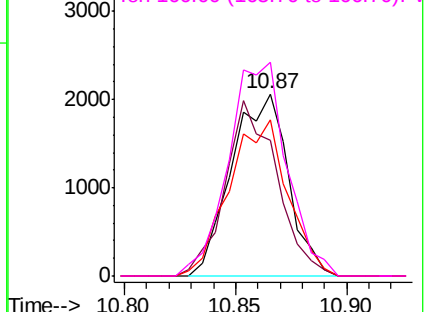
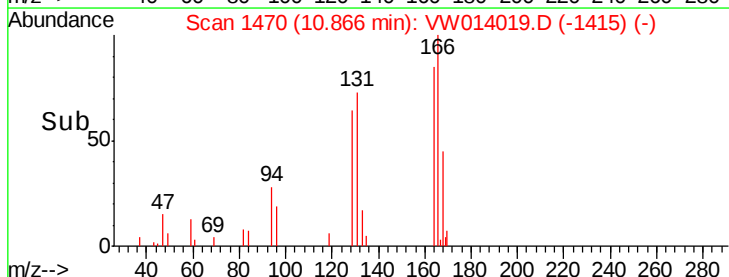
Abundance

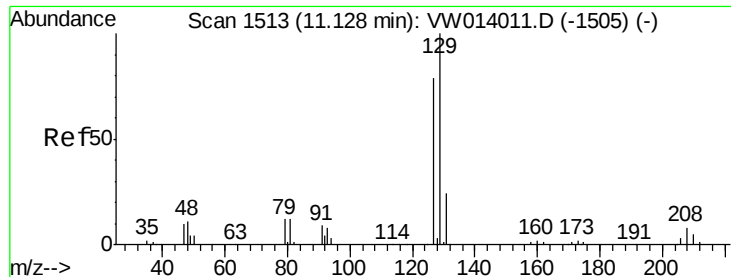
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#50

Dibromochloromethane

Concen: 0.673 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Instrument :

MSVOA_W

ClientSampleId :

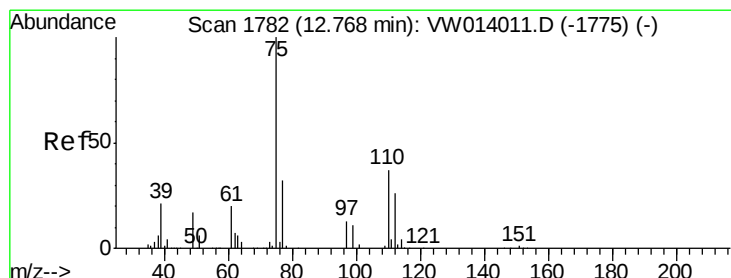
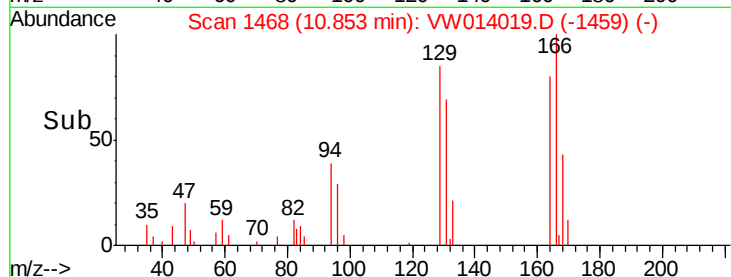
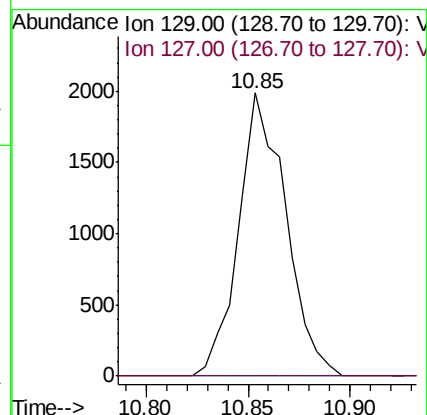
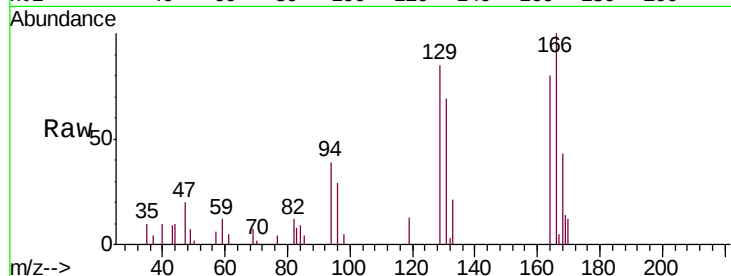
BFLX2

Tgt Ion:129 Resp: 3190

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#59

1,2,3-Trichloropropane

Concen: 4.150 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014019.D

Acq: 14 Nov 2019 14:34

Tgt Ion: 75 Resp: 14694

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9

