

Data File : VW014022.D
Acq On : 14 Nov 2019 15:53
Operator : SY/VA
Sample : K5798-17
Misc : 4.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX6

Quant Time: Nov 15 01:50:00 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	334049	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	267910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	89555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118371	22.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.84%
7) Chloroethane-d5	2.89	69	105046	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.02	63	183452	16.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.08%
20) 2-Butanone-d5	7.07	46	106137	68.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.10%#
24) Chloroform-d	7.64	84	229414	22.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.36%
26) 1,2-Dichloroethane-d4	8.30	65	152505	29.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.12%
29) Benzene-d6	8.27	84	587515	30.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.64%
33) 1,2-Dichloropropane-d6	9.27	67	186143	33.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	133.72%#
37) Toluene-d8	10.32	98	483639	26.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.32%
38) trans-1,3-Dichloropropene-	10.57	79	60228	25.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.04%
39) 2-Hexanone-d5	10.92	63	75517	71.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89254	21.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	110315	30.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	122.64%#

Target Compounds

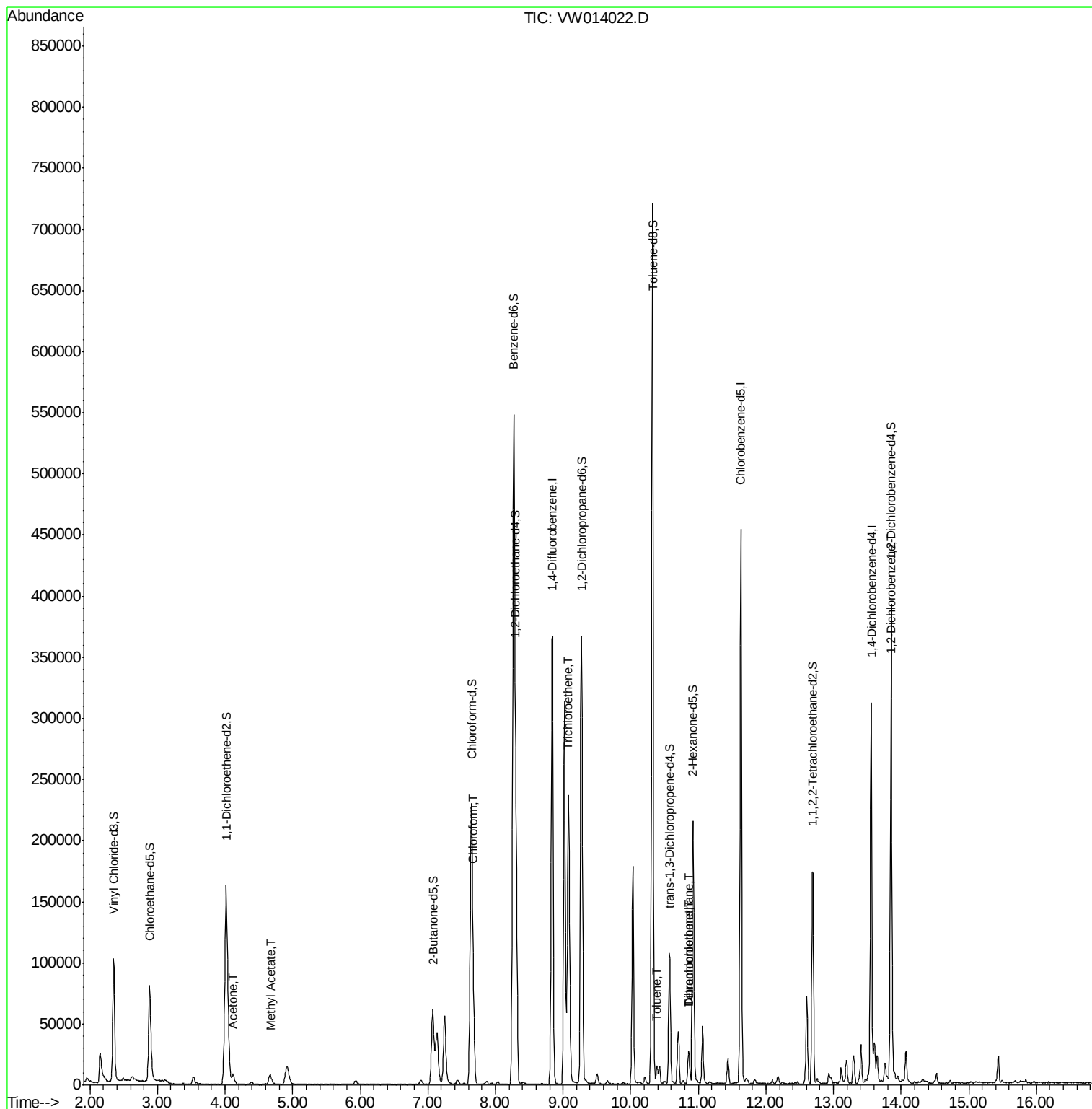
					Qvalue
13) Acetone	4.12	43	12171	7.725 ug/L	95
15) Methyl Acetate	4.67	43	15105	5.925 ug/L	96
25) Chloroform	7.67	83	55769	5.733 ug/L	95
35) Trichloroethene	9.09	95	46346	8.841 ug/L	99
44) Toluene	10.39	91	8159	0.381 ug/L	96
47) Tetrachloroethene	10.86	164	7095	1.519 ug/L	89
50) Dibromochloromethane	10.85	129	5465	1.338 ug/L #	10
65) 1,2-Dichlorobenzene	13.86	146	8644	1.552 ug/L	95

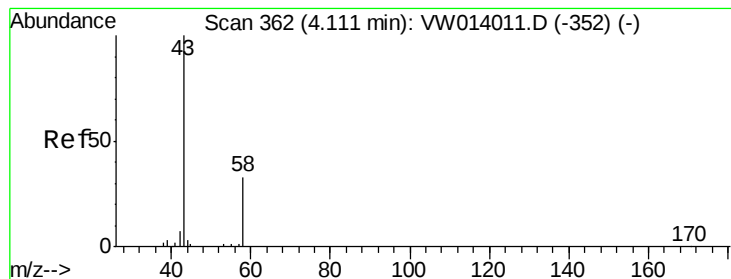
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014022.D
Acq On : 14 Nov 2019 15:53
Operator : SY/VA
Sample : K5798-17
Misc : 4.12G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLX6

Quant Time: Nov 15 01:50:00 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: 7.725 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014022.D

Acq: 14 Nov 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

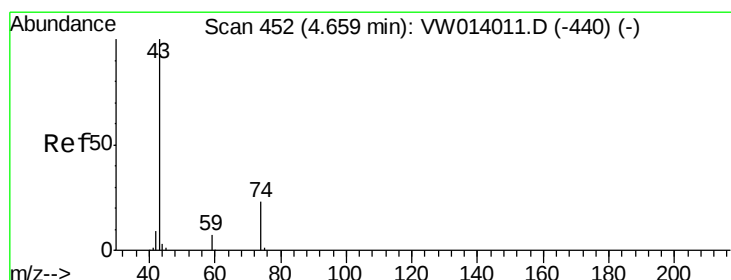
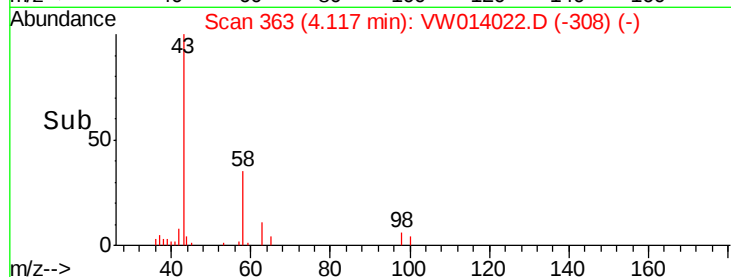
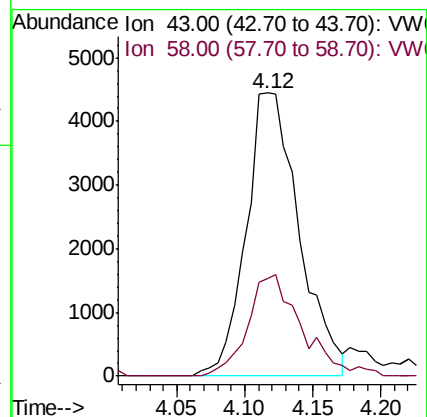
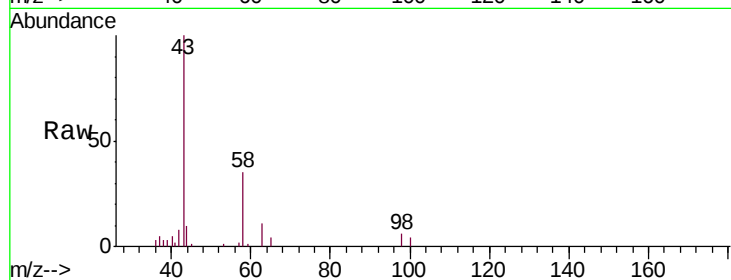
BFLX6

Tgt Ion: 43 Resp: 12171

Ion Ratio Lower Upper

43 100

58 35.4 0.0 65.4



#15

Methyl Acetate

Concen: 5.925 ug/L

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW014022.D

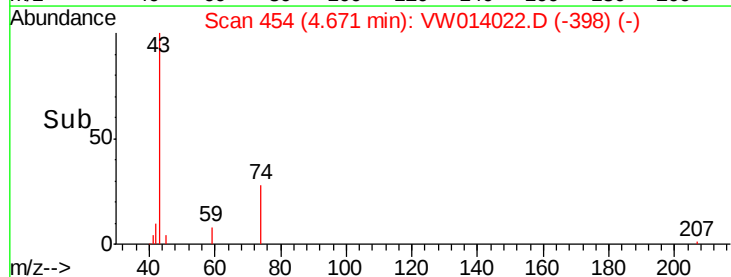
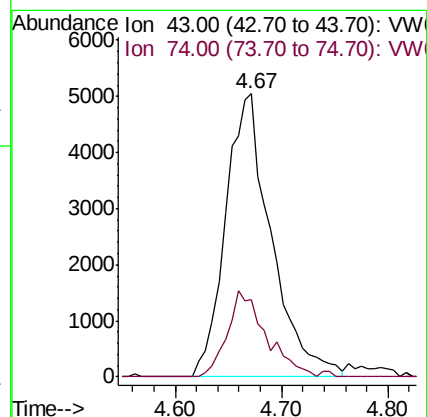
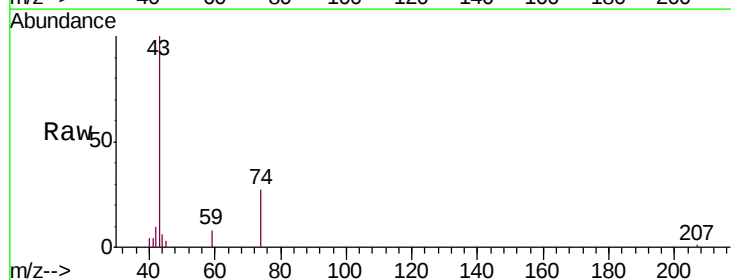
Acq: 14 Nov 2019 15:53

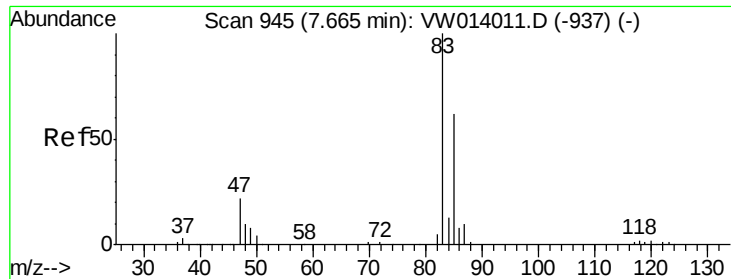
Tgt Ion: 43 Resp: 15105

Ion Ratio Lower Upper

43 100

74 25.9 19.3 28.9

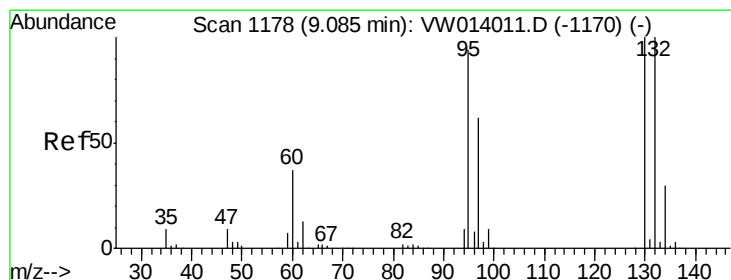
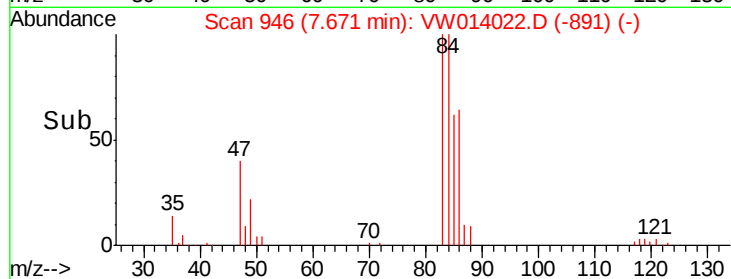
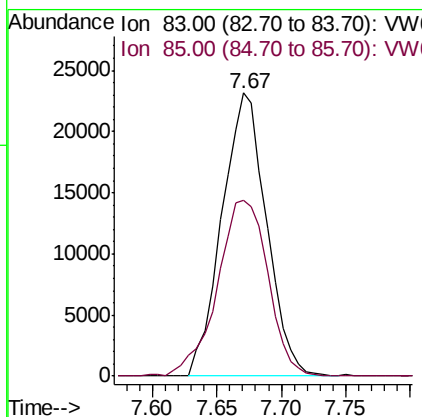
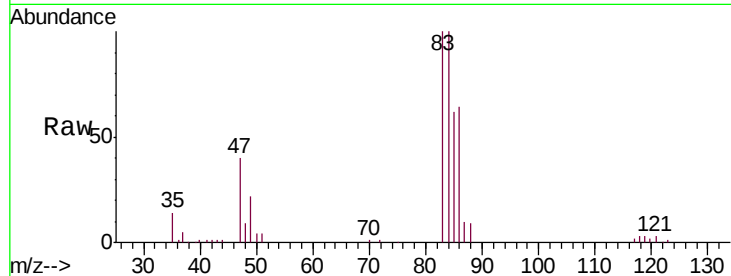




#25
Chloroform
Concen: 5.733 ug/L
RT: 7.67 min Scan# 946
Delta R.T. 0.01 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

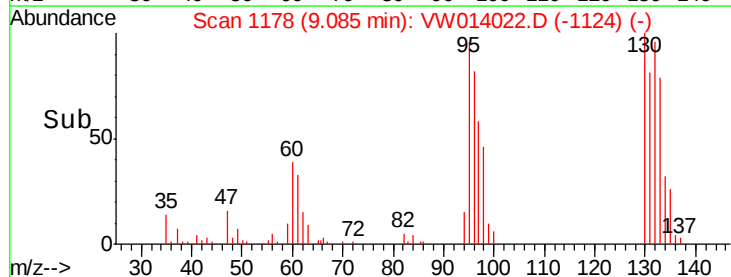
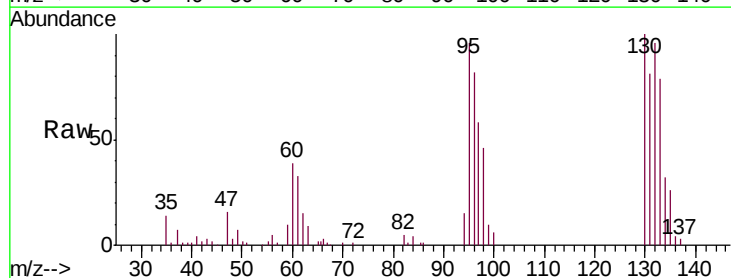
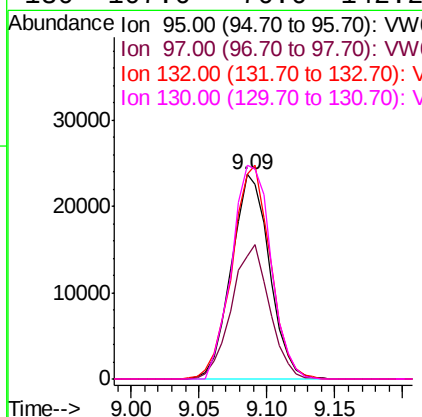
Instrument :
MSVOA_W
ClientSampled :
BFLX6

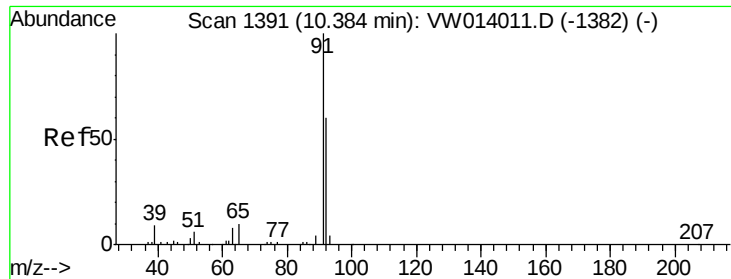
Tgt Ion: 83 Resp: 55769
Ion Ratio Lower Upper
83 100
85 70.3 46.1 85.7



#35
Trichloroethene
Concen: 8.841 ug/L
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014022.D
Acq: 14 Nov 2019 15:53

Tgt Ion: 95 Resp: 46346
Ion Ratio Lower Upper
95 100
97 65.3 45.1 83.9
132 105.1 73.7 136.9
130 107.6 76.6 142.2





#44

Toluene

Concen: 0.381 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW014022.D

Acq: 14 Nov 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

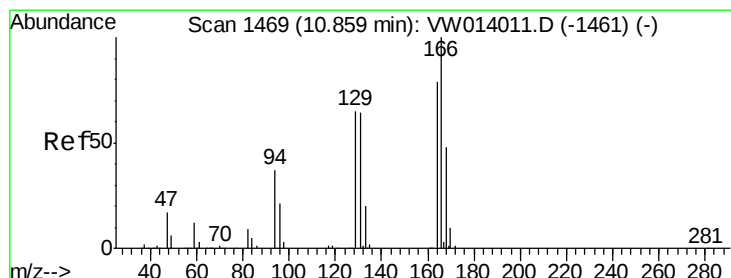
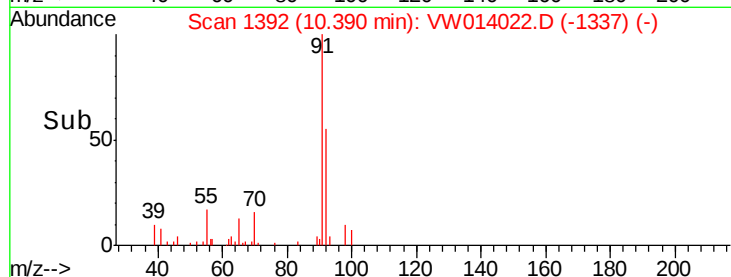
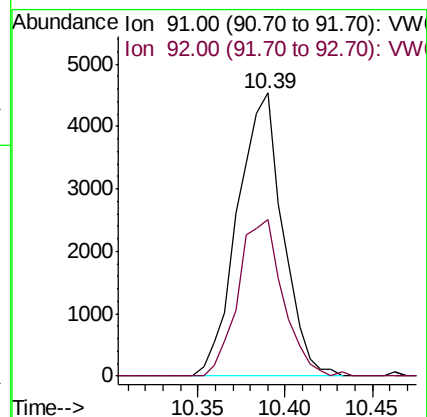
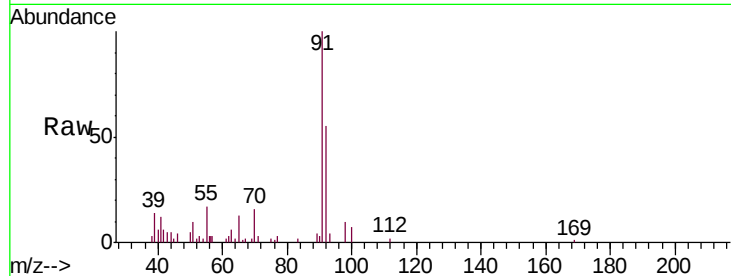
BFLX6

Tgt Ion: 91 Resp: 8159

Ion Ratio Lower Upper

91 100

92 55.2 40.7 75.7



#47

Tetrachloroethene

Concen: 1.519 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014022.D

Acq: 14 Nov 2019 15:53

Tgt Ion: 164 Resp: 7095

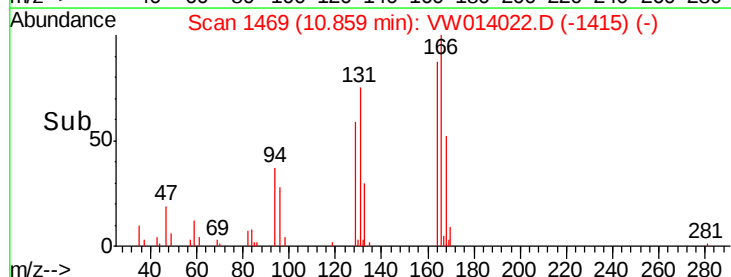
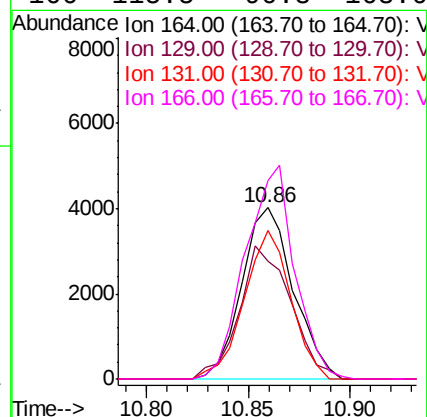
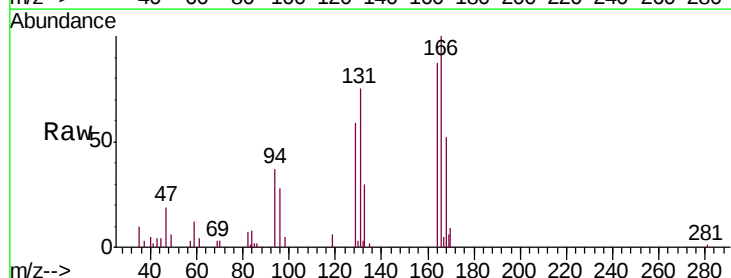
Ion Ratio Lower Upper

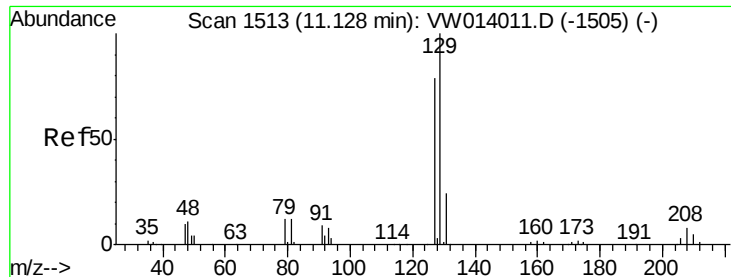
164 100

129 68.7 60.6 112.6

131 86.3 59.1 109.7

166 115.5 90.8 168.6





#50

Dibromochloromethane

Concen: 1.338 ug/L

RT: 10.85 min Scan# 1468

Delta R.T. -0.27 min

Lab File: VW014022.D

Acq: 14 Nov 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

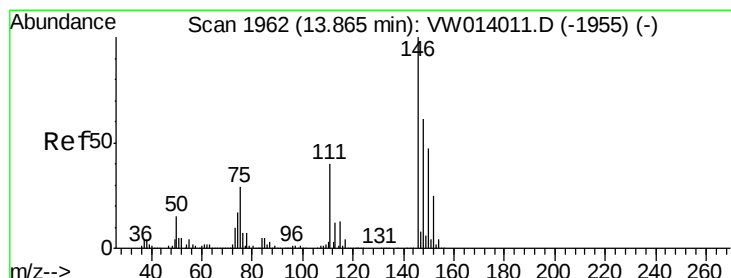
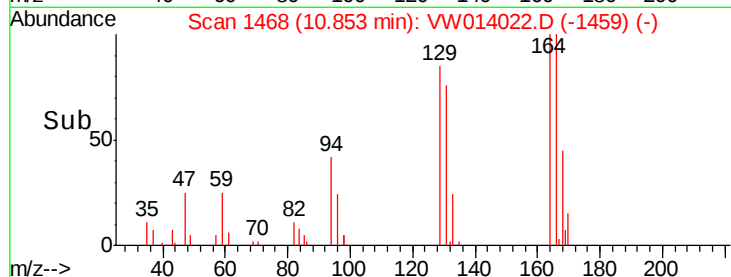
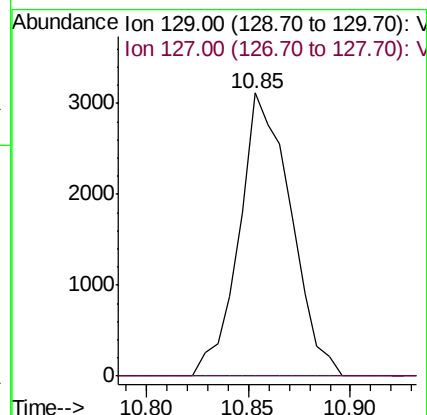
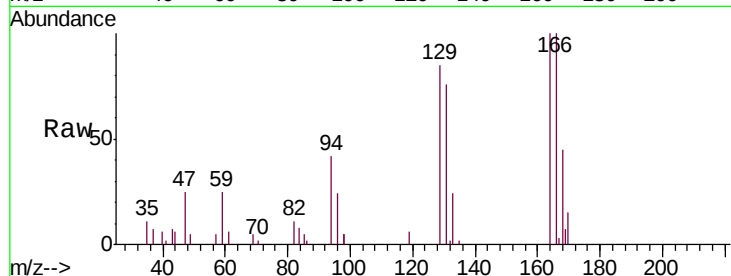
BFLX6

Tgt Ion:129 Resp: 5465

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#65

1,2-Dichlorobenzene

Concen: 1.552 ug/L

RT: 13.86 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014022.D

Acq: 14 Nov 2019 15:53

Tgt Ion:146 Resp: 8644

Ion Ratio Lower Upper

146 100

111 44.8 30.5 45.7

148 62.7 49.4 74.2

