

Data File : VW010910.D
Acq On : 21 Jun 2019 23:23
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK40

Quant Time: Jun 22 05:37:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 05:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	359666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	328230	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	155450	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95015	18.56	ug/L	0.00
7) Chloroethane-d5	2.88	69	79197	20.21	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	163958	15.18	ug/L	-0.01
20) 2-Butanone-d5	7.07	46	118120	54.31	ug/L	0.00
24) Chloroform-d	7.65	84	206775	26.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	142804	23.30	ug/L	0.00
29) Benzene-d6	8.27	84	443999	22.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	146989	23.18	ug/L	0.00
37) Toluene-d8	10.32	98	390950	22.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	59924	21.27	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	73196	48.30	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128859	23.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	131990	22.29	ug/L	0.00

Target Compounds

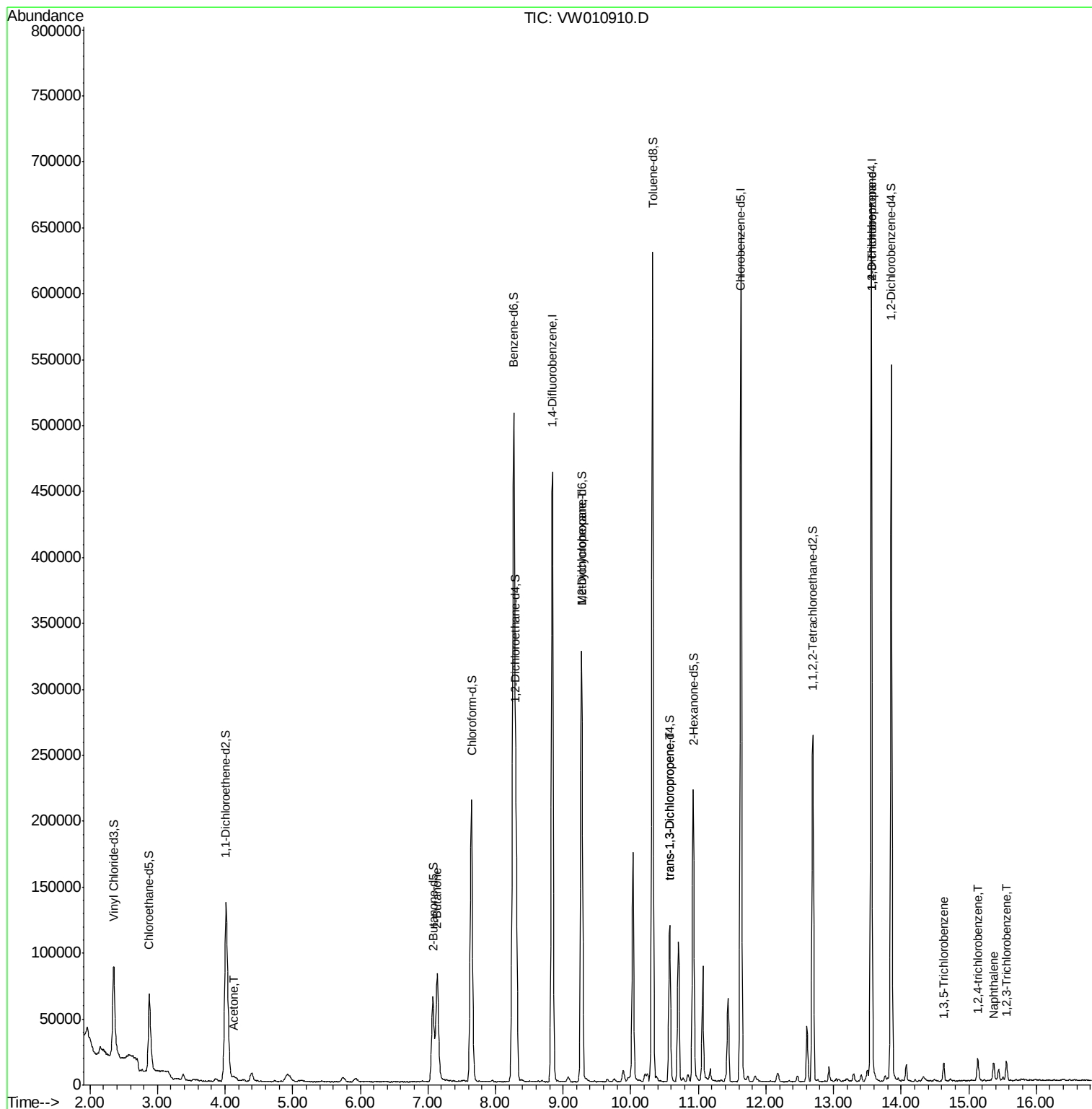
						Qvalue
13) Acetone	4.12	43	5273	2.462	ug/L	89
21) 2-Butanone	7.13	43	3991	1.311	ug/L #	68
36) Methylcyclohexane	9.27	83	33449	3.601	ug/L #	14
45) trans-1,3-Dichloropropene	10.58	75	3554	0.486	ug/L #	77
59) 1,2,3-Trichloropropane	13.56	75	22723	5.289	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	4008	0.527	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	4678	0.737	ug/L	96
69) Naphthalene	15.38	128	11699	0.858	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	4579	0.796	ug/L #	89

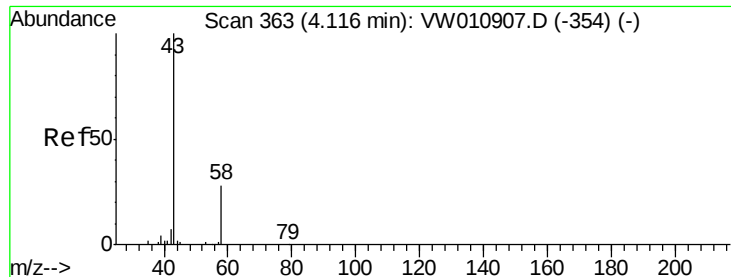
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.462 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010910.D

Acq: 21 Jun 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

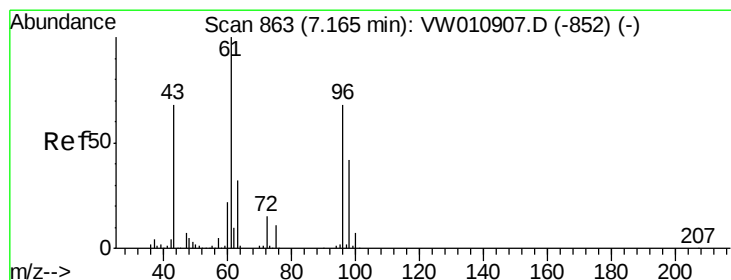
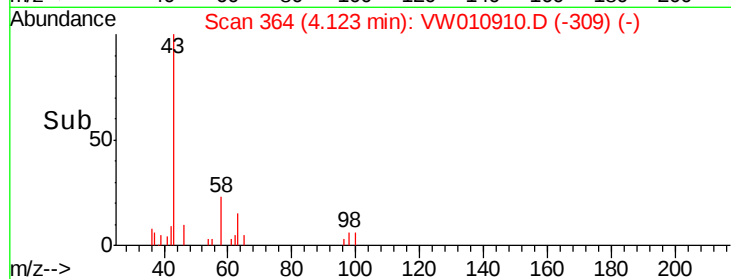
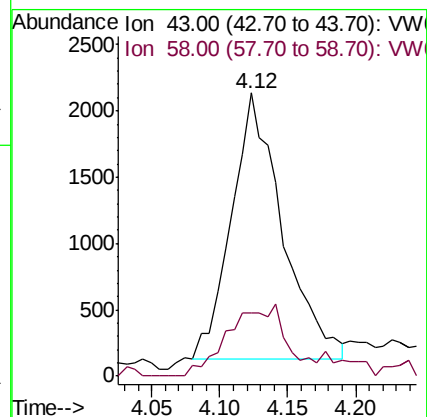
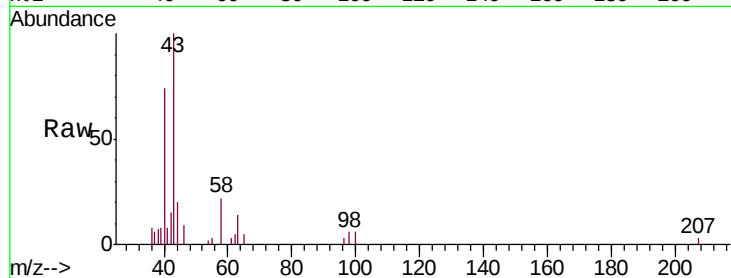
VIBLK40

Tgt Ion: 43 Resp: 5273

Ion Ratio Lower Upper

43 100

58 21.1 0.0 54.0



#21

2-Butanone

Concen: 1.311 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW010910.D

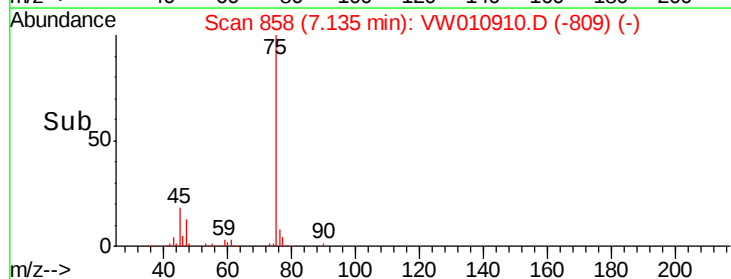
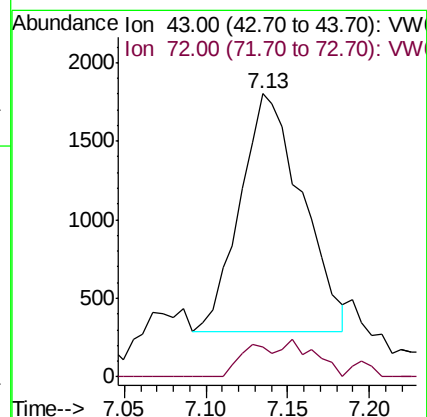
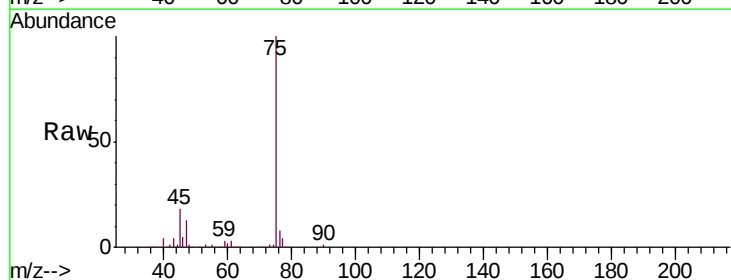
Acq: 21 Jun 2019 23:23

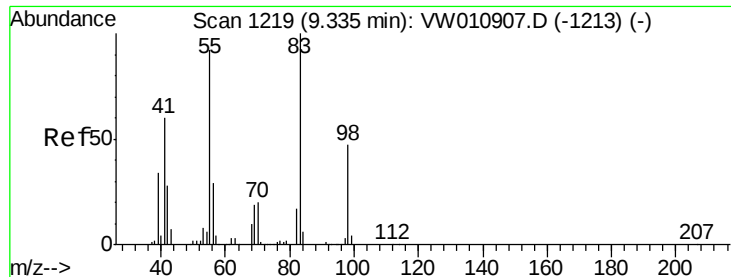
Tgt Ion: 43 Resp: 3991

Ion Ratio Lower Upper

43 100

72 7.0 11.1 33.1#

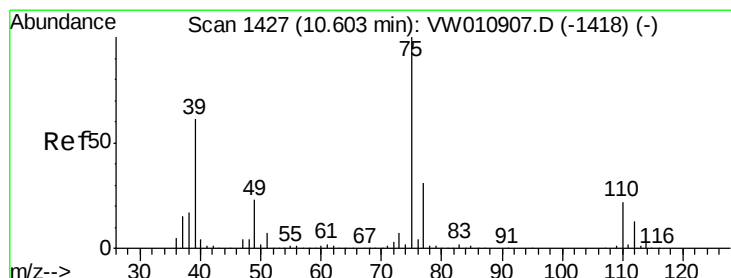
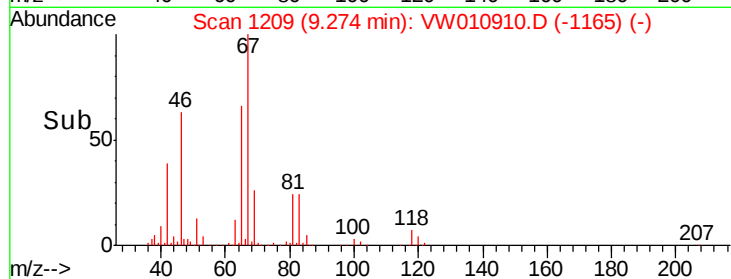
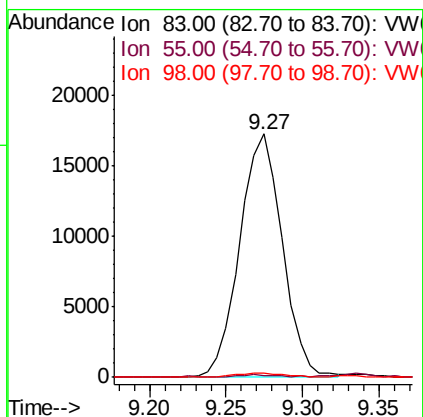
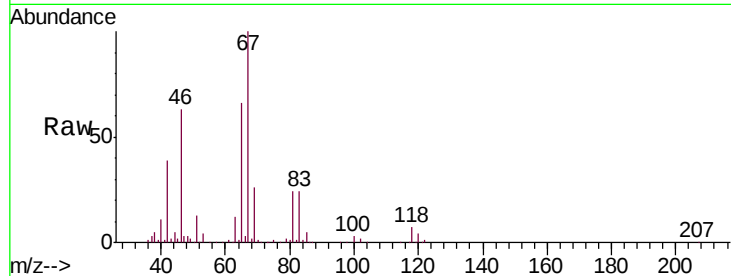




#36
Methylcyclohexane
Concen: 3.601 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010910.D
Acq: 21 Jun 2019 23:23

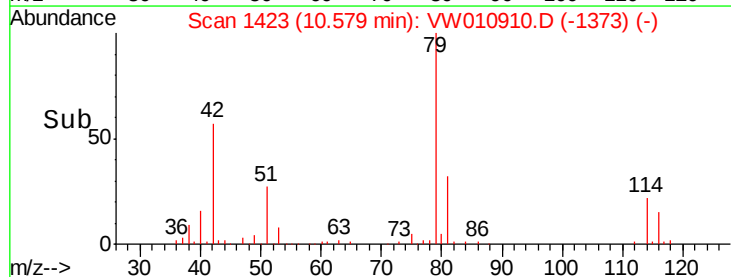
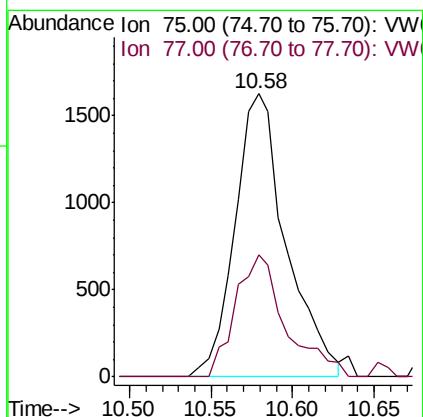
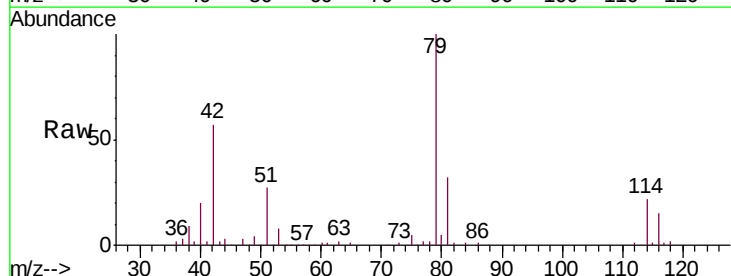
Instrument :
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VIBLK40

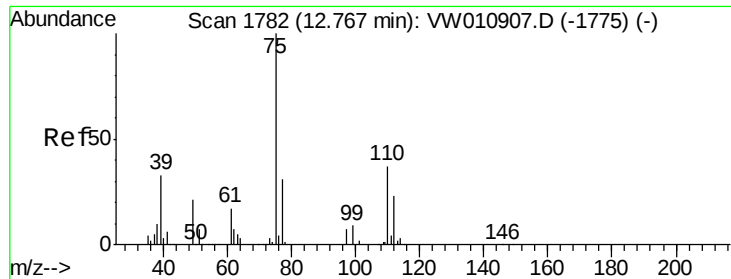
Tgt Ion: 83 Resp: 33449
Ion Ratio Lower Upper
83 100
55 1.0 72.6 109.0#
98 1.9 37.9 56.9#



#45
trans-1,3-Dichloropropene
Concen: 0.486 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.02 min
Lab File: VW010910.D
Acq: 21 Jun 2019 23:23

Tgt Ion: 75 Resp: 3554
Ion Ratio Lower Upper
75 100
77 43.2 21.5 39.9#





#59

1,2,3-Trichloropropane

Concen: 5.289 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW010910.D

Acq: 21 Jun 2019 23:23

Instrument :

MSVOA_W

ClientSampleId :

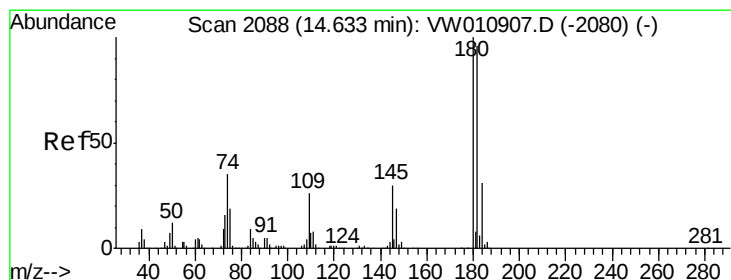
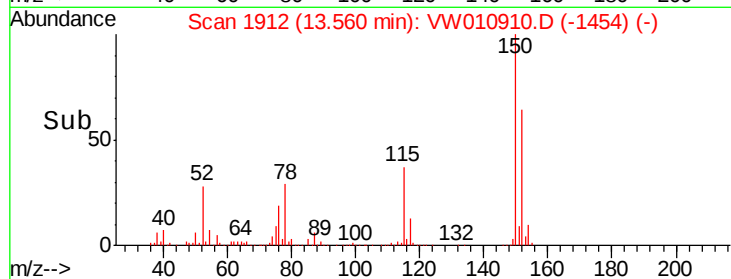
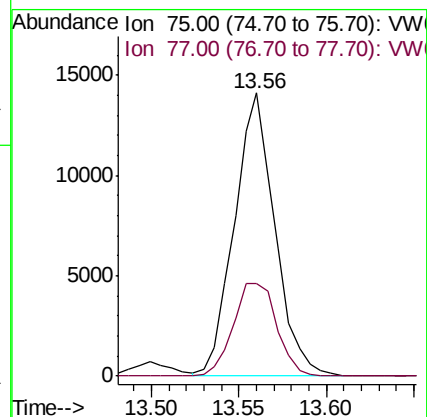
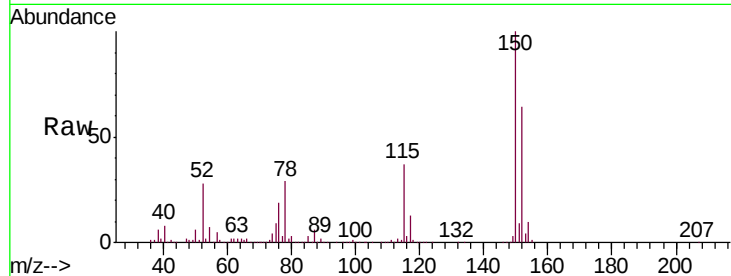
VIBLK40

Tgt Ion: 75 Resp: 22723

Ion Ratio Lower Upper

75 100

77 35.2 25.4 38.2



#67

1,3,5-Trichlorobenzene

Concen: 0.527 ug/L

RT: 14.63 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VW010910.D

Acq: 21 Jun 2019 23:23

Tgt Ion: 180 Resp: 4008

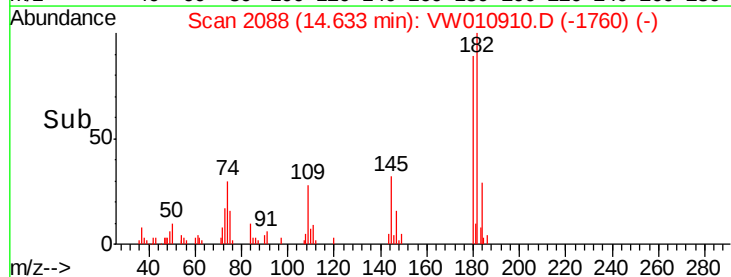
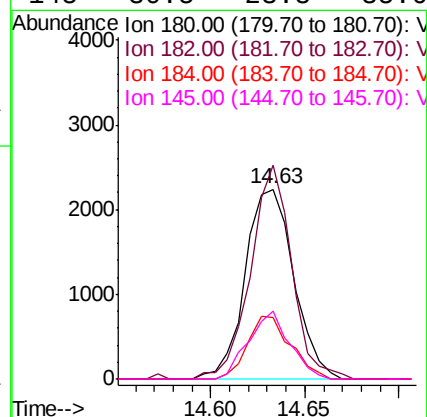
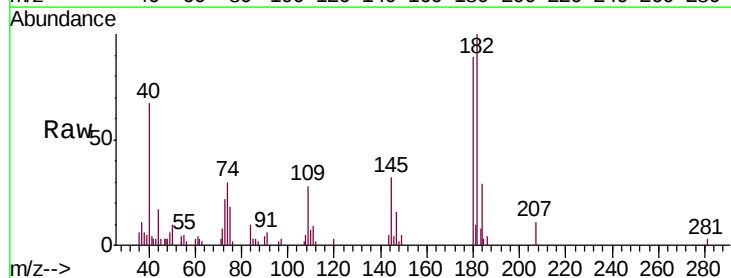
Ion Ratio Lower Upper

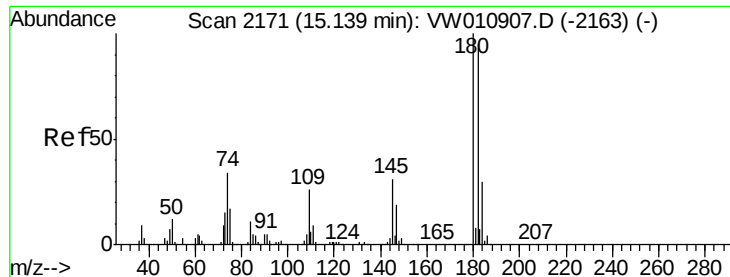
180 100

182 95.1 75.8 113.8

184 29.6 24.2 36.2

145 30.5 23.8 35.6

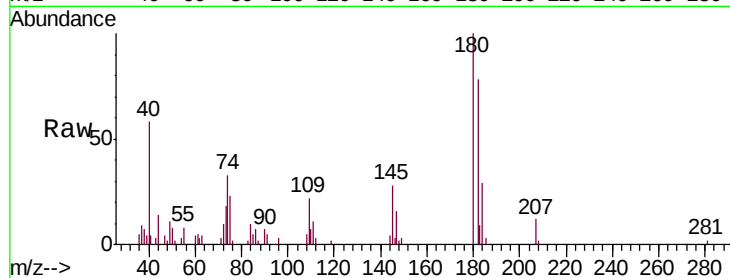




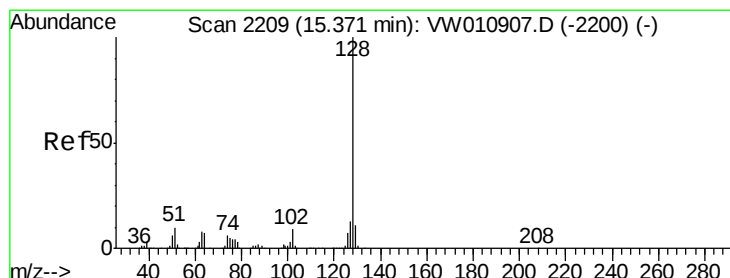
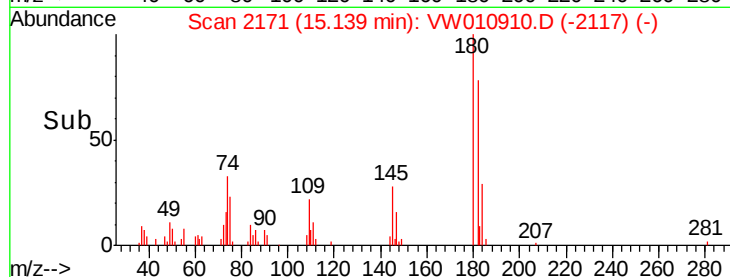
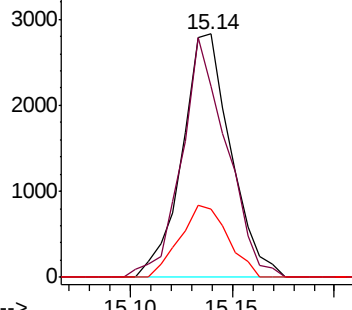
#68
 1,2,4-trichlorobenzene
 Concen: 0.737 ug/L
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010910.D
 Acq: 21 Jun 2019 23:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK40

Tgt Ion:180 Resp: 4678
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.6 114.8
 145 29.3 24.4 36.6

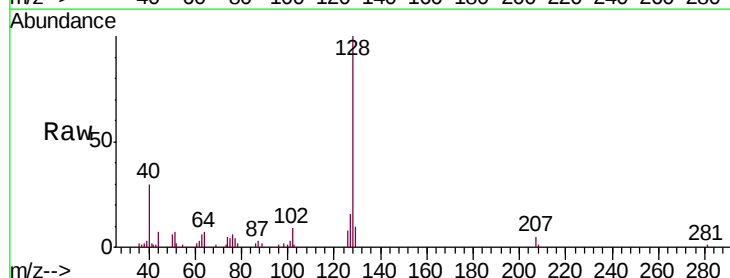


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

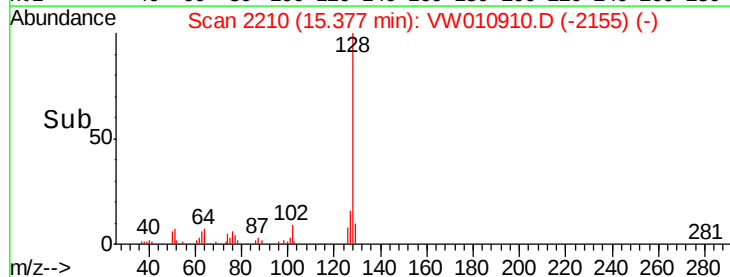
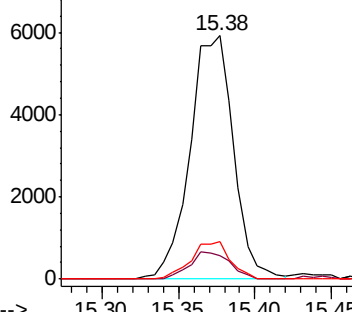


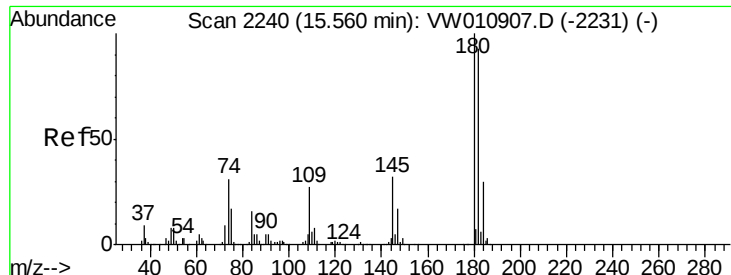
#69
 Naphthalene
 Concen: 0.858 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW010910.D
 Acq: 21 Jun 2019 23:23

Tgt Ion:128 Resp: 11699
 Ion Ratio Lower Upper
 128 100
 129 10.4 8.6 13.0
 127 13.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

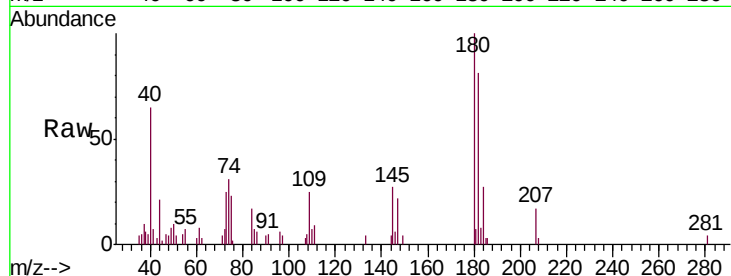




#70
 1,2,3-Trichlorobenzene
 Concen: 0.796 ug/L
 RT: 15.56 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VW010910.D
 Acq: 21 Jun 2019 23:23

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK40

Tgt Ion:180 Resp: 4579
 Ion Ratio Lower Upper
 180 100
 182 97.6 75.6 113.4
 145 14.4 26.1 39.1#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

