

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016617.D
 Acq On : 22 Sep 2020 17:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK03

Quant Time: Sep 23 07:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 07:21:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	572206	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	508428	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	247664	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	95655	17.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.08%
7) Chloroethane-d5	2.90	69	84132	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
10) 1,1-Dichloroethene-d2	4.03	63	151900	12.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.08%
20) 2-Butanone-d5	7.08	46	55372	36.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.34%
24) Chloroform-d	7.65	84	257743	21.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	8.31	65	130570	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.00%
29) Benzene-d6	8.28	84	463182	20.31	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.24%
33) 1,2-Dichloropropane-d6	9.28	67	134566	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.12%
37) Toluene-d8	10.33	98	421952	18.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.24%
38) trans-1,3-Dichloropropene-	10.58	79	58644	18.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.32%
39) 2-Hexanone-d5	10.93	63	44351	39.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	107509	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	175098	22.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.52%

Target Compounds

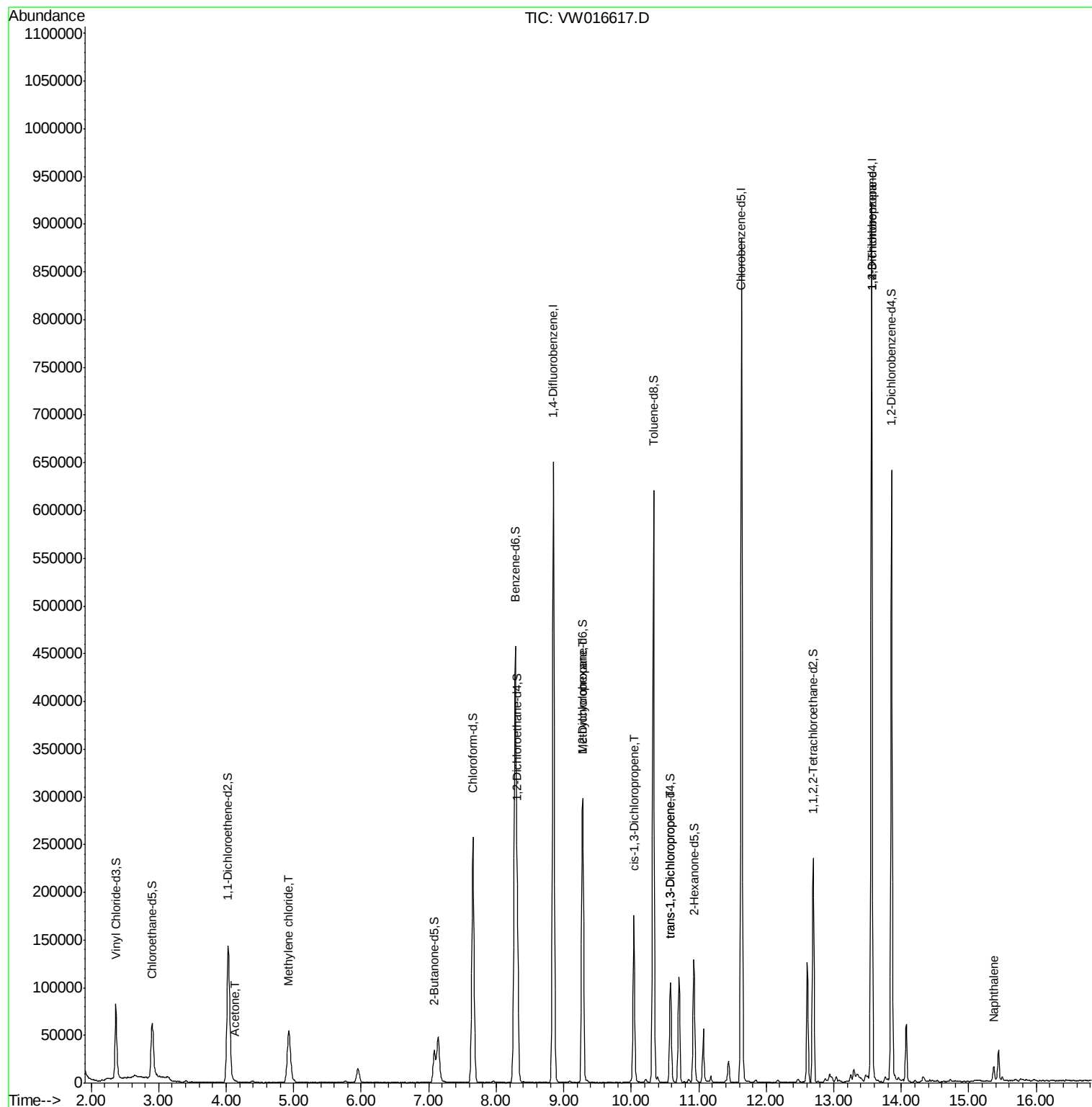
					Ovalue
13) Acetone	4.14	43	1748	1.478 ug/L	91
16) Methylene chloride	4.93	84	48453	5.490 ug/L	96
36) Methylcyclohexane	9.28	83	35876	2.683 ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	4836	0.447 ug/L #	69
45) trans-1,3-Dichloropropene	10.58	75	3061	0.325 ug/L	84
59) 1,2,3-Trichloropropane	13.56	75	26046	5.857 ug/L	90
69) Naphthalene	15.37	128	14034	0.831 ug/L	98

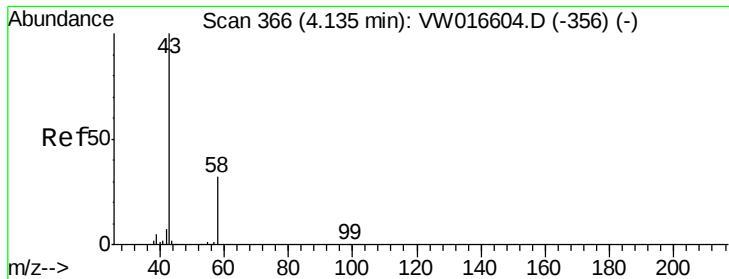
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 23 07:21:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 1.478 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

Instrument :

MSVOA_W

ClientSampled :

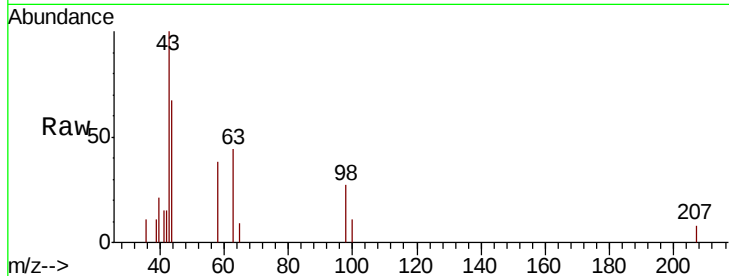
VIBLK03

Tot Ion: 43 Resp: 1748

Ion Ratio Lower Upper

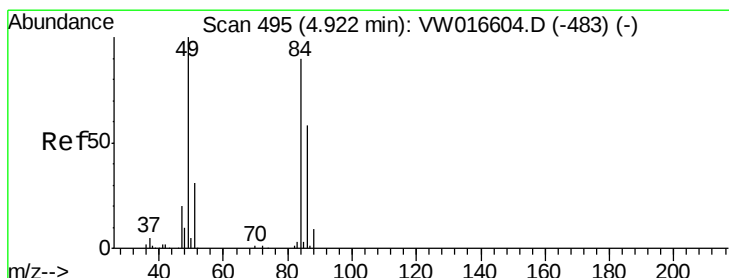
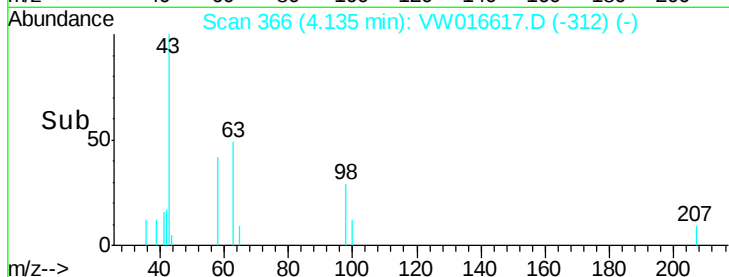
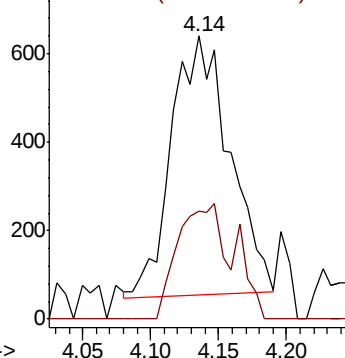
43 100

58 34.8 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 5.490 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

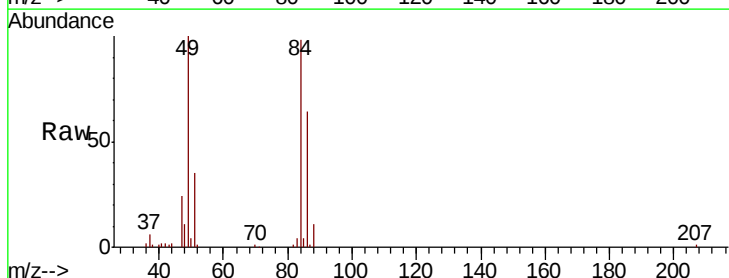
Tgt Ion: 84 Resp: 48453

Ion Ratio Lower Upper

84 100

49 101.7 76.0 141.2

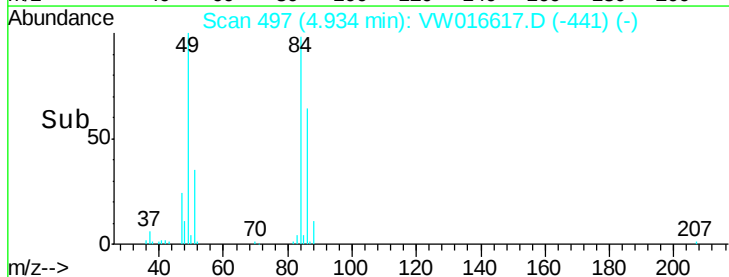
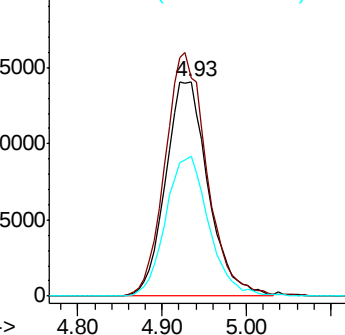
86 65.0 45.6 84.6

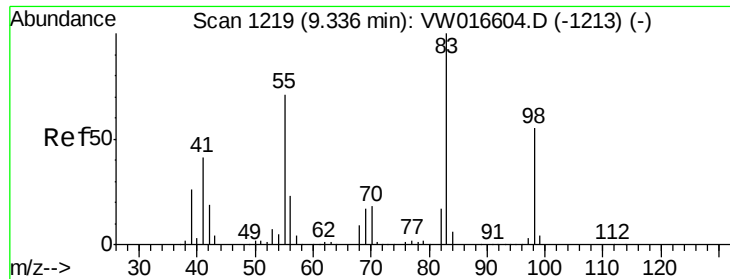


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

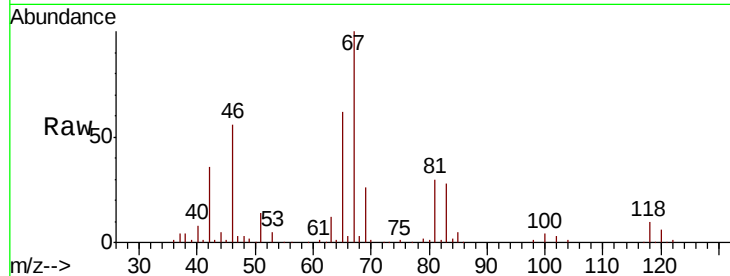




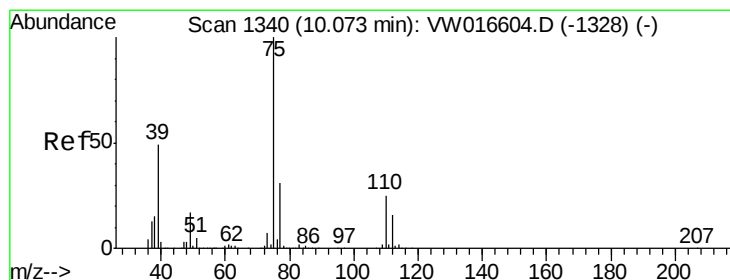
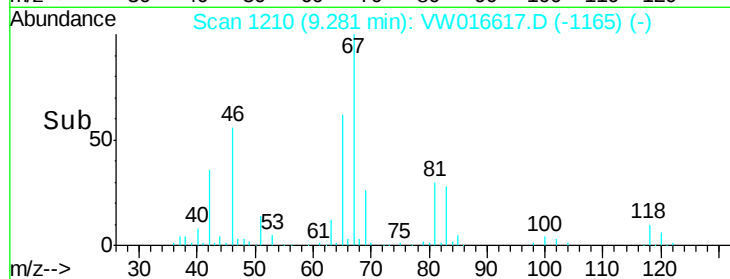
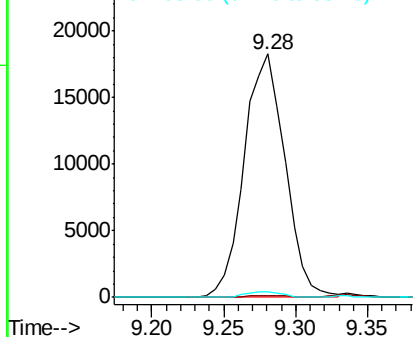
#36
Methylcyclohexane
Concen: 2.683 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.05 min
Lab File: VW016617.D
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Instrument :
MSVOA_W
ClientSampleId :
VIBLK03

Tot Ion: 83 Resp: 35876
Ion Ratio Lower Upper
83 100
55 0.9 55.9 83.9#
98 2.0 42.1 63.1#

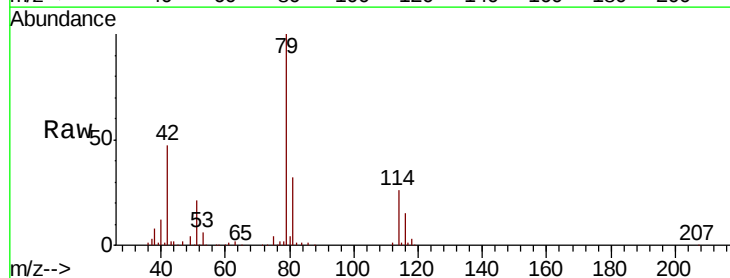


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

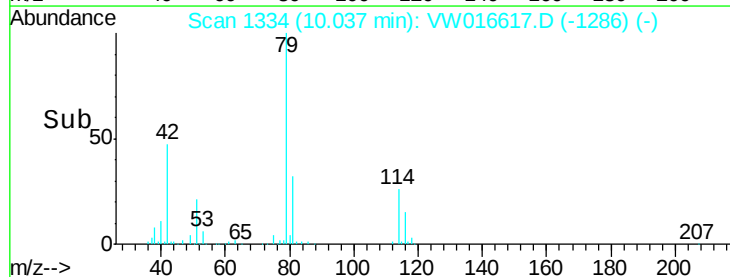
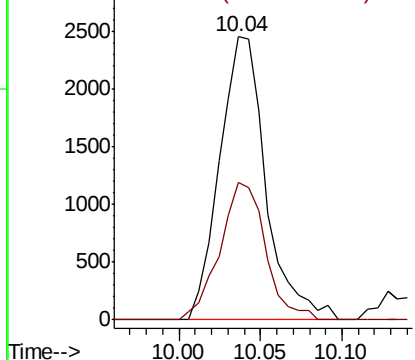


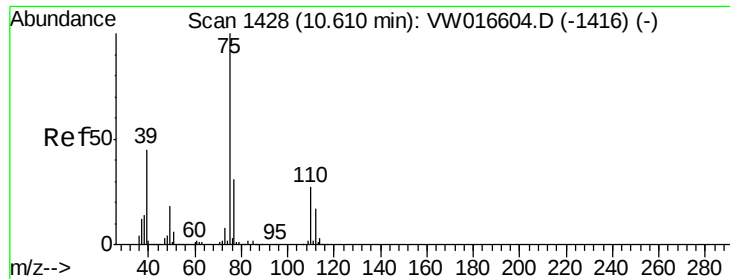
#42
cis-1,3-Dichloropropene
Concen: 0.447 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW016617.D
Acq: 22 Sep 2020 17:52

Tgt Ion: 75 Resp: 4836
Ion Ratio Lower Upper
75 100
77 48.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.325 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

Instrument :

MSVOA_W

ClientSampleId :

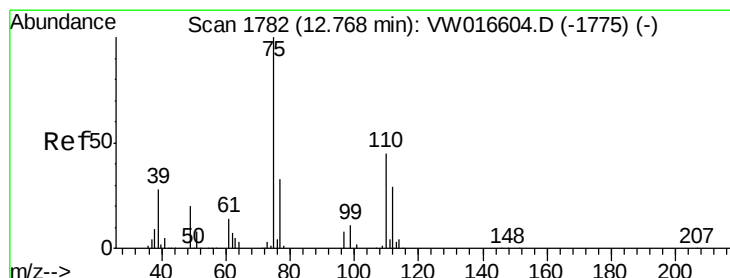
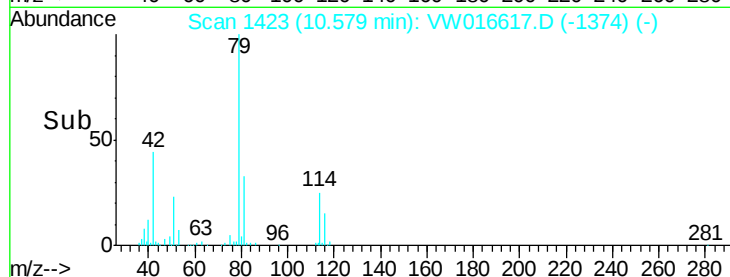
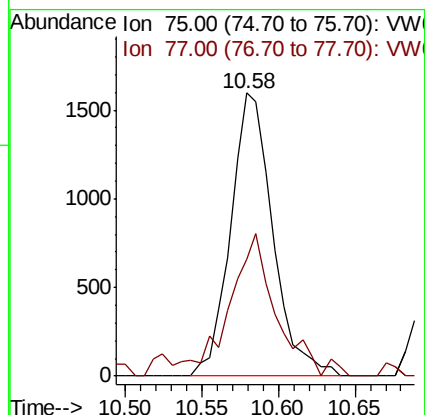
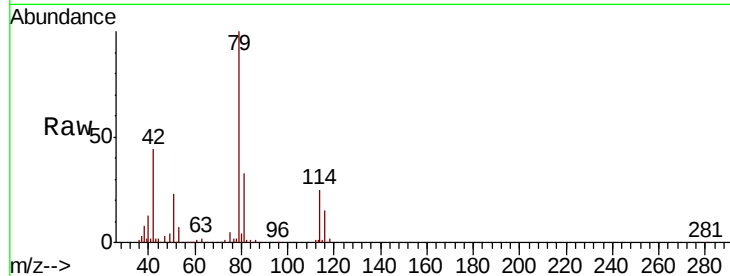
VIBLK03

Tot Ion: 75 Resp: 3061

Ion Ratio Lower Upper

75 100

77 41.3 22.5 41.9



#59

1,2,3-Trichloropropane

Concen: 5.857 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016617.D

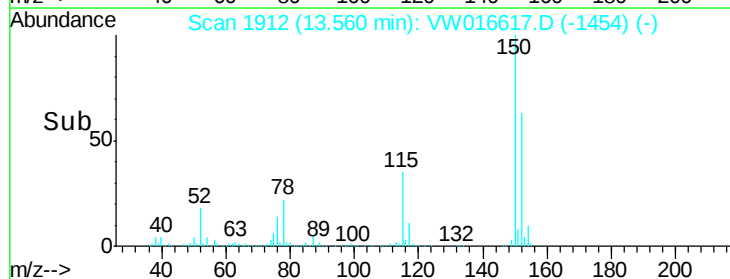
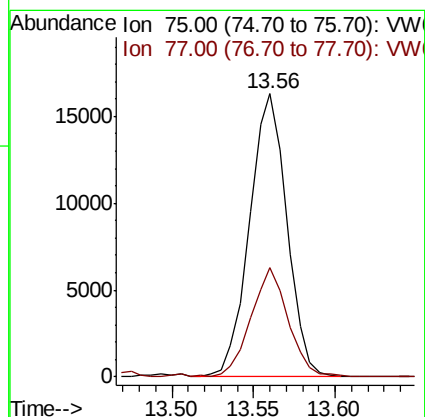
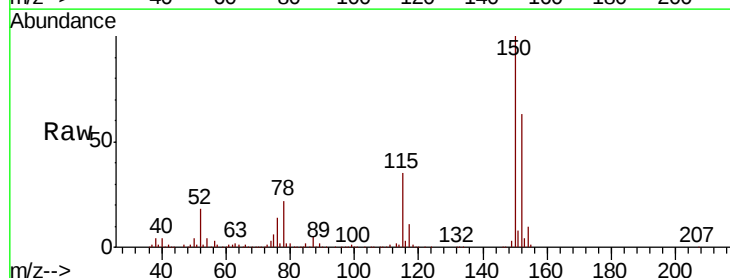
Acq: 22 Sep 2020 17:52

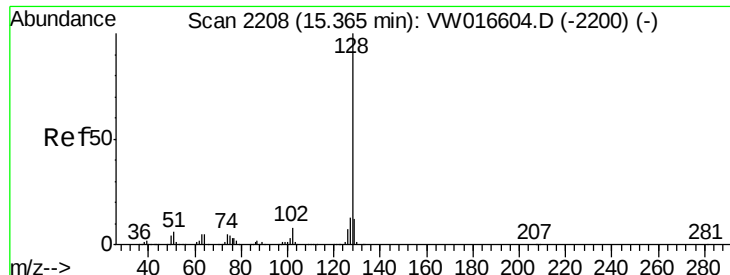
Tgt Ion: 75 Resp: 26046

Ion Ratio Lower Upper

75 100

77 38.6 26.2 39.4





#69

Naphthalene

Concen: 0.831 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW016617.D

Acq: 22 Sep 2020 17:52

Instrument :

MSVOA_W

ClientSampleId :

VIBLK03

Tot Ion:128 Resp: 14034

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 14.9 10.8 16.2

