

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
 Data File : VW017268.D
 Acq On : 16 Nov 2020 19:38
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

Quant Time: Nov 17 06:13:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 17 06:08:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	425750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	384671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198199	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95579	17.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.28%
7) Chloroethane-d5	2.89	69	82681	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
10) 1,1-Dichloroethene-d2	4.02	63	141508	14.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.00%
20) 2-Butanone-d5	7.07	46	55076	45.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.86%
24) Chloroform-d	7.65	84	233565	23.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	8.30	65	119897	24.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.04%
29) Benzene-d6	8.28	84	432682	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	9.27	67	123714	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	418118	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.56%
38) trans-1,3-Dichloropropene-	10.58	79	52214	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	10.93	63	46275	48.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108218	22.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	179921	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

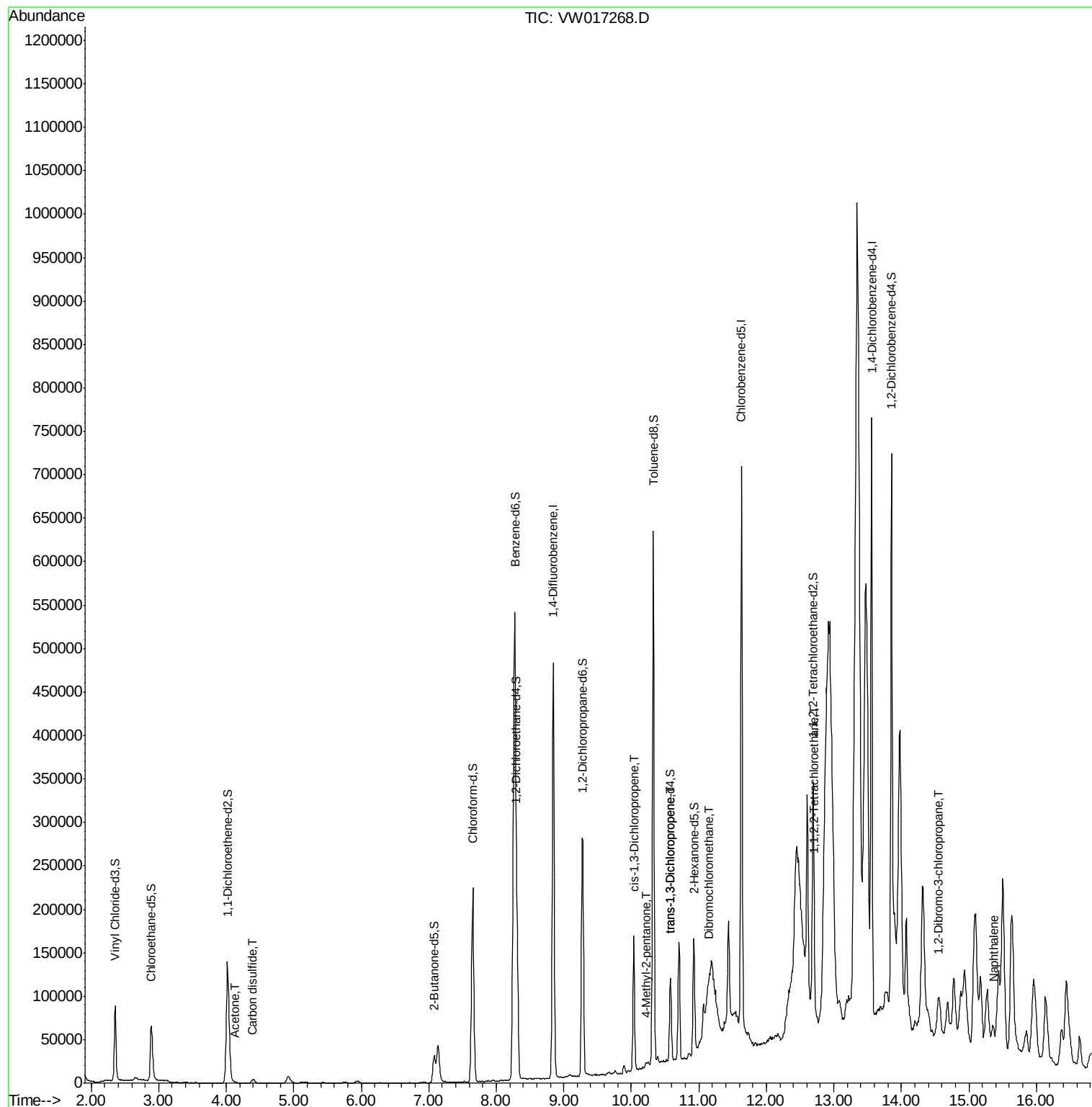
					Ovalue
13) Acetone	4.13	43	731	0.910 ug/L	72
14) Carbon disulfide	4.38	76	3977	0.277 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	4732	0.633 ug/L #	58
43) 4-Methyl-2-pentanone	10.21	43	3226	1.107 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	3221	0.501 ug/L #	68
50) Dibromochloromethane	11.14	129	5247	1.058 ug/L #	43
58) 1,1,2,2-Tetrachloroethane	12.71	83	4809	1.023 ug/L #	40
66) 1,2-Dibromo-3-chloropropan	14.54	75	1956	2.661 ug/L #	13
69) Naphthalene	15.37	128	6159	0.462 ug/L #	91

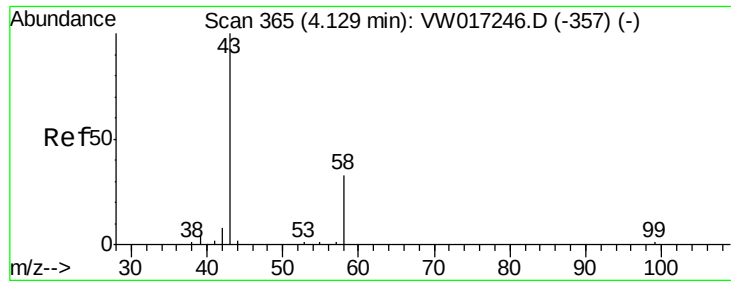
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.910 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW017268.D

Acq: 16 Nov 2020 19:38

Instrument :

MSVOA_W

ClientSampled :

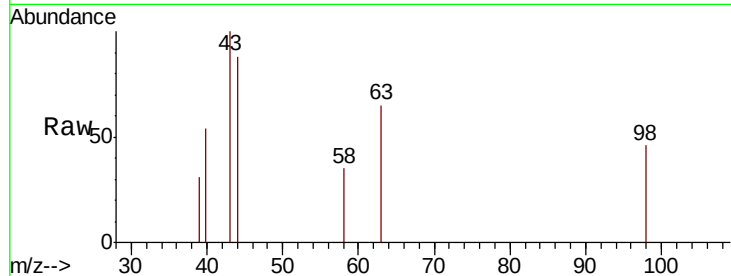
VIBLK13

Tot Ion: 43 Resp: 731

Ion Ratio Lower Upper

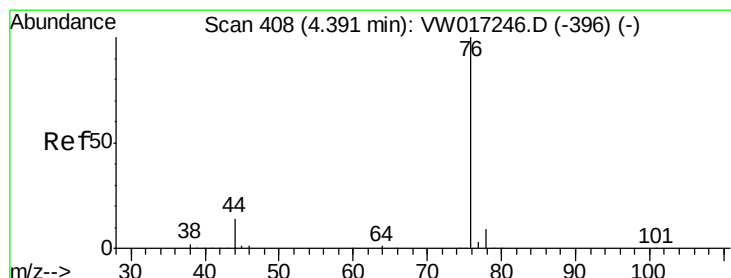
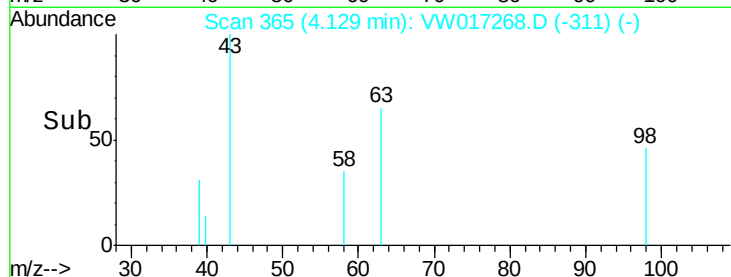
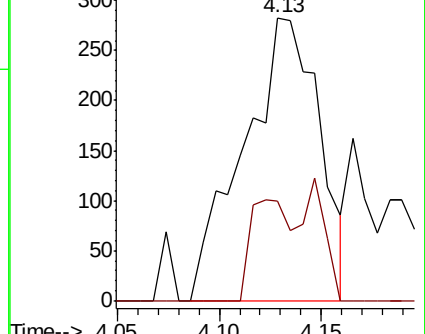
43 100

58 18.3 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.277 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.01 min

Lab File: VW017268.D

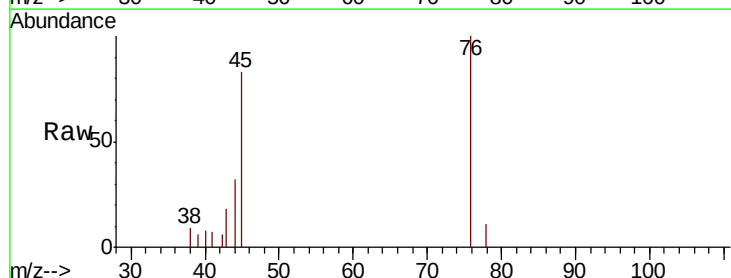
Acq: 16 Nov 2020 19:38

Tgt Ion: 76 Resp: 3977

Ion Ratio Lower Upper

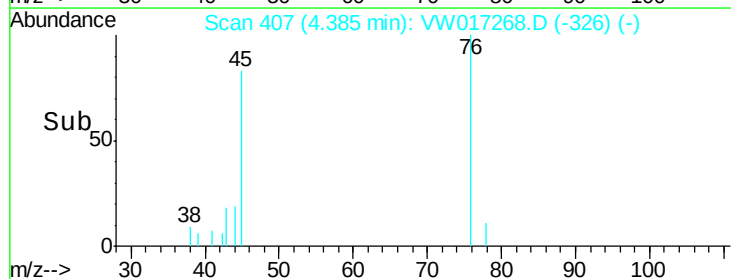
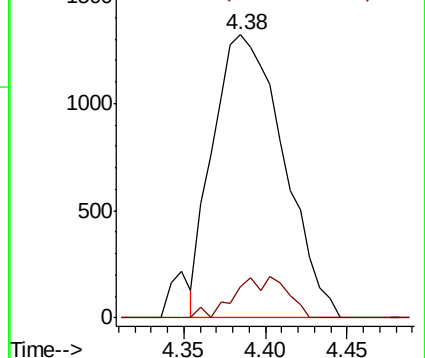
76 100

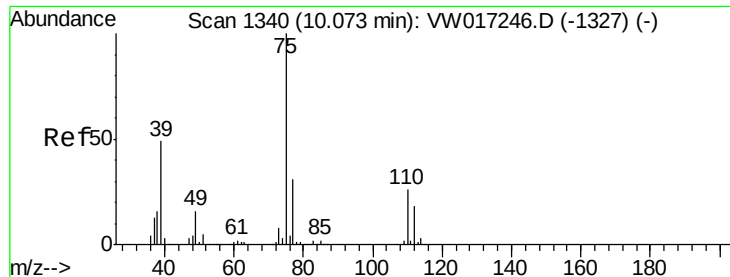
78 10.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017268.D

Acq: 16 Nov 2020 19:38

Instrument :

MSVOA_W

ClientSampleId :

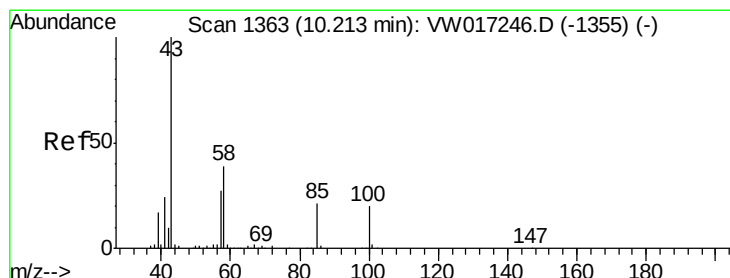
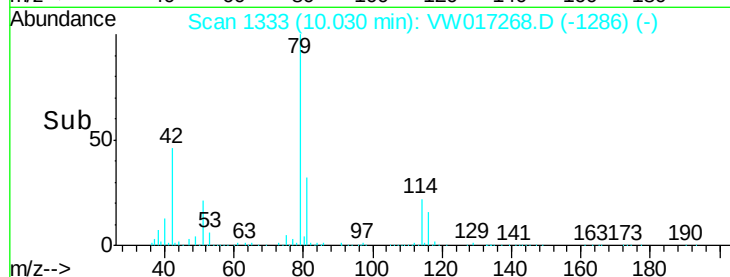
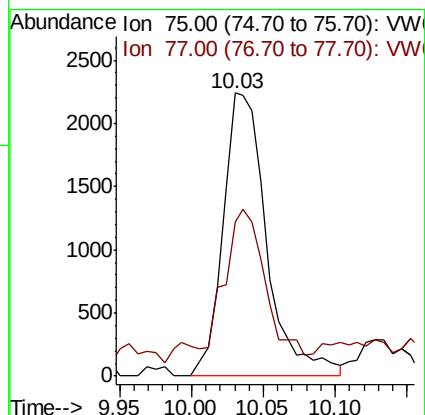
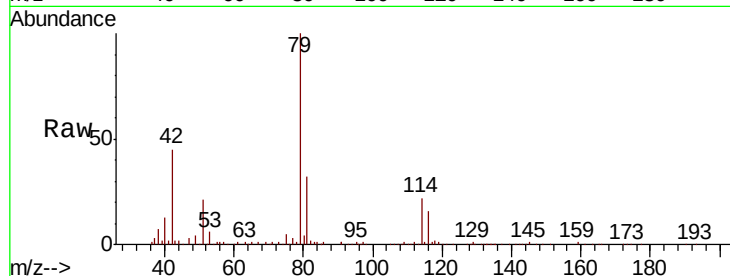
VIBLK13

Tot Ion: 75 Resp: 4732

Ion Ratio Lower Upper

75 100

77 54.6 22.0 41.0#



#43

4-Methyl-2-pentanone

Concen: 1.107 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW017268.D

Acq: 16 Nov 2020 19:38

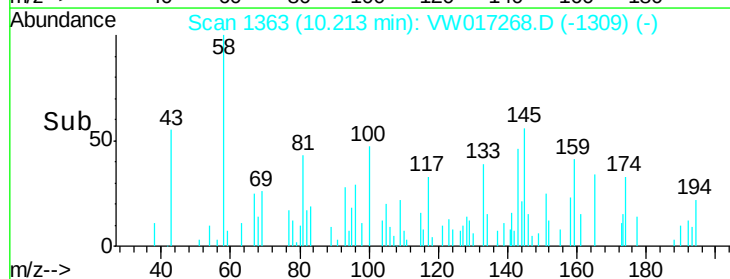
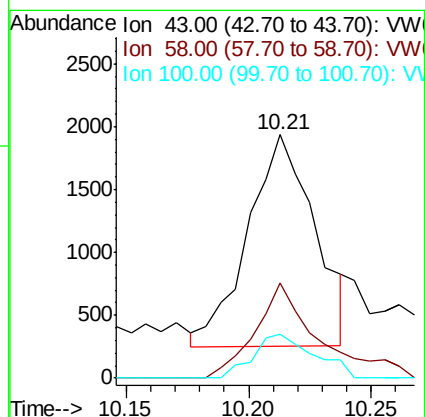
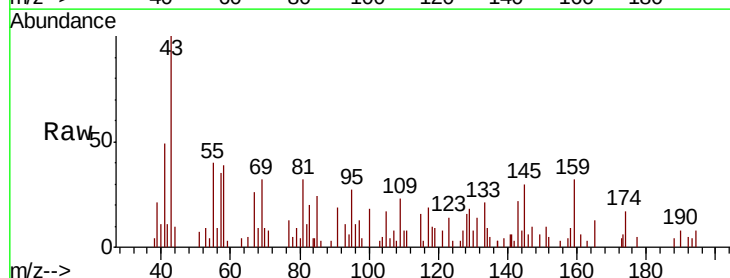
Tgt Ion: 43 Resp: 3226

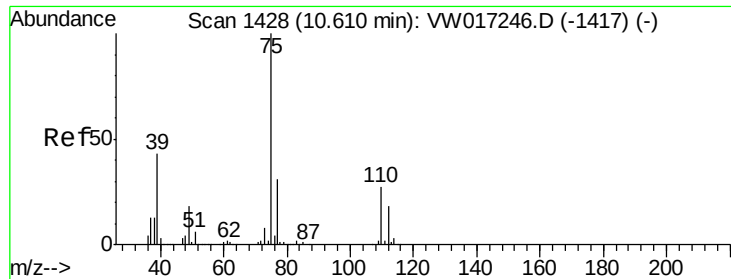
Ion Ratio Lower Upper

43 100

58 39.5 35.0 52.6

100 18.8 16.6 24.8





#45

trans-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017268.D

Acq: 16 Nov 2020 19:38

Instrument :

MSVOA_W

ClientSampleId :

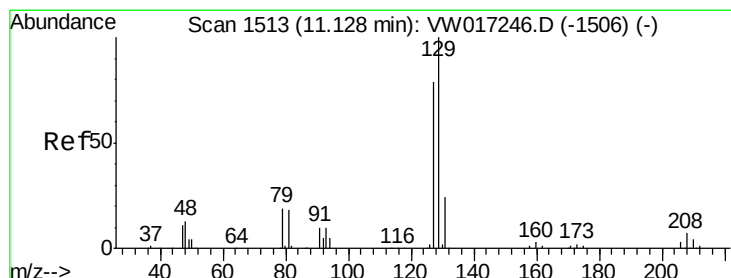
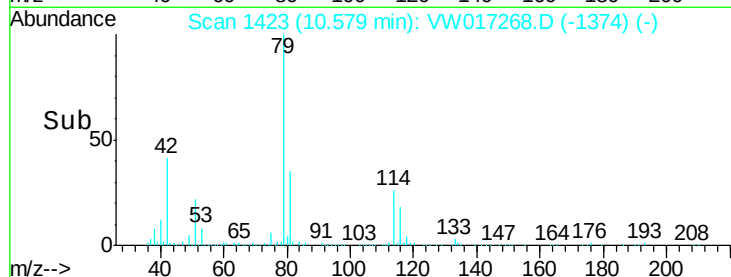
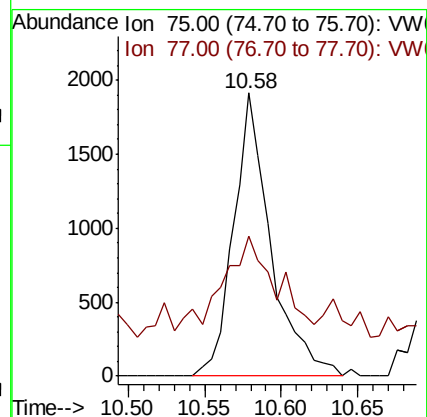
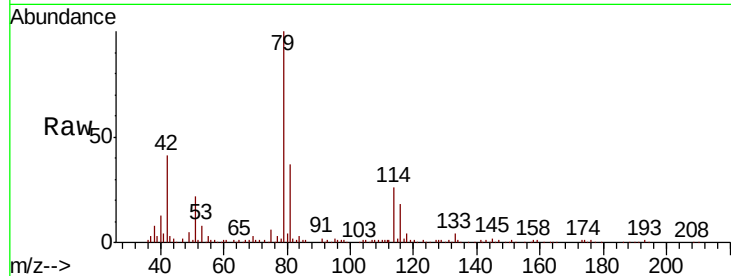
VIBLK13

Tot Ion: 75 Resp: 3221

Ion Ratio Lower Upper

75 100

77 49.3 22.1 41.1#



#50

Dibromochloromethane

Concen: 1.058 ug/L

RT: 11.14 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VW017268.D

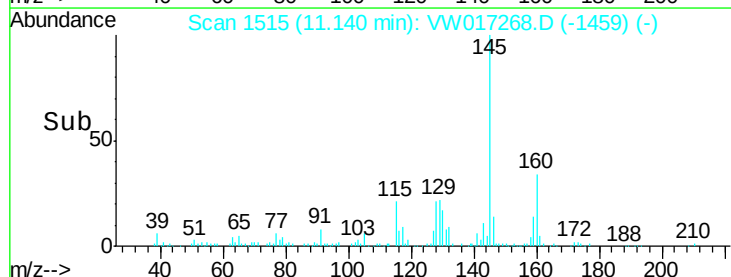
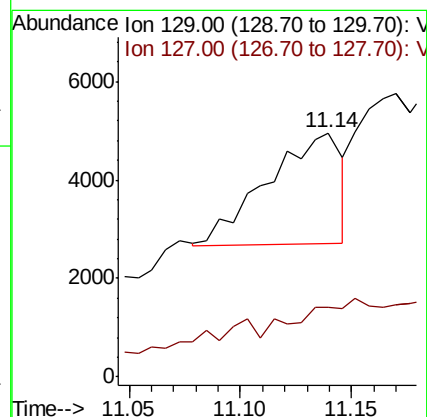
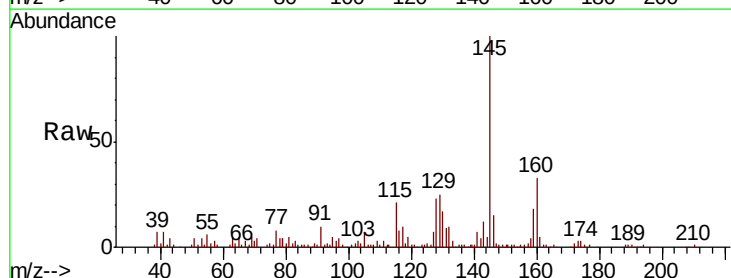
Acq: 16 Nov 2020 19:38

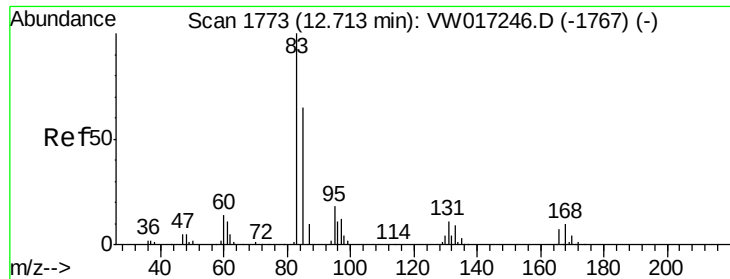
Tgt Ion: 129 Resp: 5247

Ion Ratio Lower Upper

129 100

127 28.4 54.3 100.9#

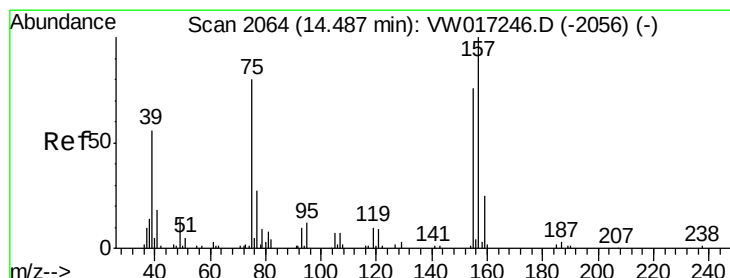
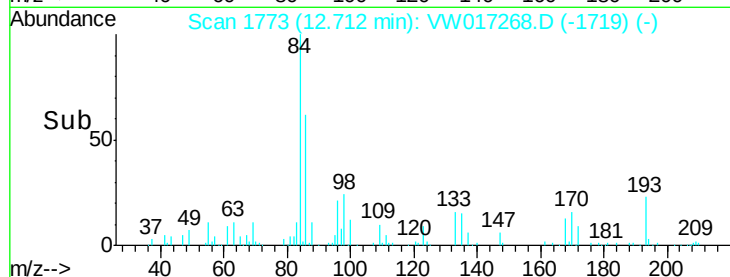
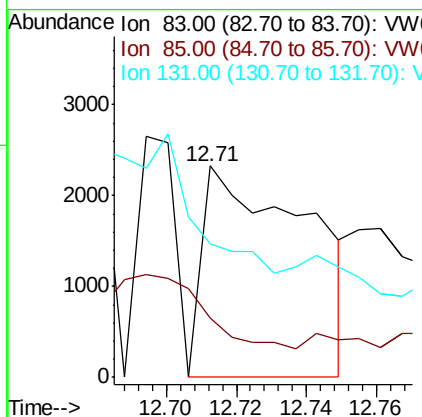
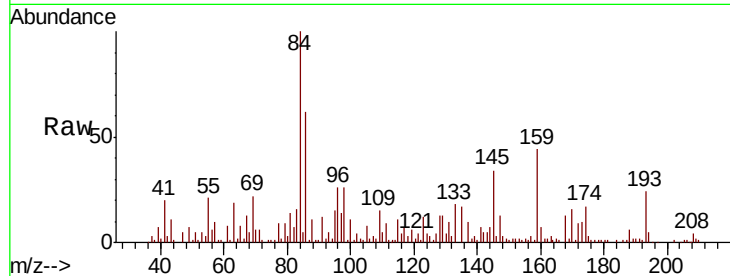




#58
 1,1,2,2-Tetrachloroethane
 Concen: 1.023 ug/L
 RT: 12.71 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: VW017268.D
 Acq: 16 Nov 2020 19:38

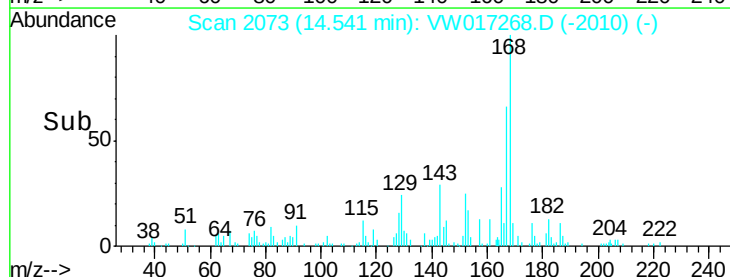
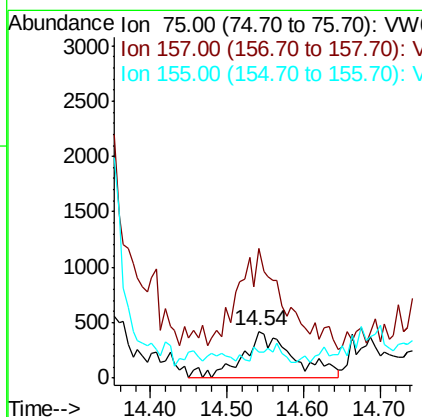
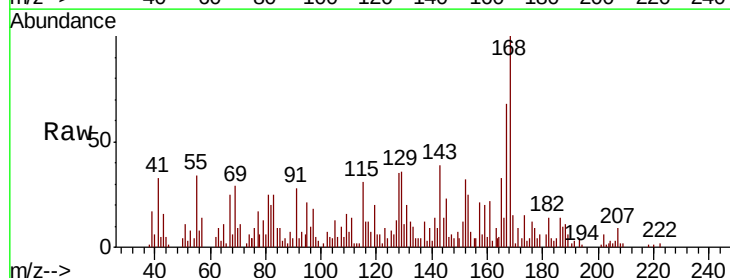
Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK13

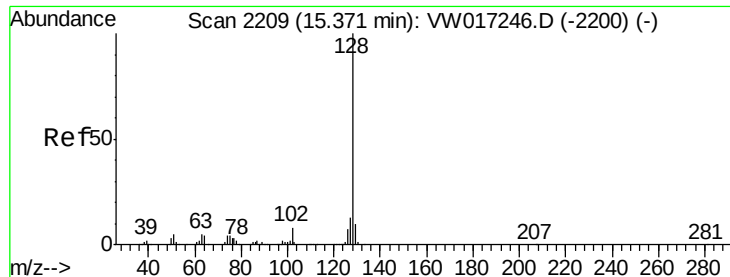
Tot Ion: 83 Resp: 4809
 Ion Ratio Lower Upper
 83 100
 85 28.0 44.9 83.5#
 131 63.2 8.8 13.2#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.661 ug/L
 RT: 14.54 min Scan# 2073
 Delta R.T. 0.05 min
 Lab File: VW017268.D
 Acq: 16 Nov 2020 19:38

Tgt Ion: 75 Resp: 1956
 Ion Ratio Lower Upper
 75 100
 157 276.9 108.2 162.4#
 155 56.6 79.1 118.7#





#69

Naphthalene

Concen: 0.462 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW017268.D

Acq: 16 Nov 2020 19:38

Instrument :

MSVOA_W

ClientSampleId :

VIBLK13

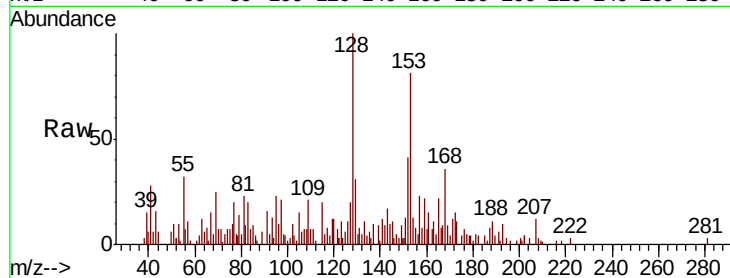
Tot Ion:128 Resp: 6159

Ion Ratio Lower Upper

128 100

129 8.3 8.6 12.8#

127 8.1 10.2 15.2#



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

