

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102220\
 Data File : VW016967.D
 Acq On : 22 Oct 2020 14:14
 Operator : SY/VA
 Sample : L4471-15
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG430

Quant Time: Oct 23 02:21:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	589784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	530647	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	257602	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	174061	25.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.28%
7) Chloroethane-d5	2.89	69	129568	24.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.28%
10) 1,1-Dichloroethene-d2	4.02	63	243059	18.36	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.44%
20) 2-Butanone-d5	7.09	46	60569	47.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.48%
24) Chloroform-d	7.65	84	316731	23.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	8.31	65	155571	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.20%
29) Benzene-d6	8.27	84	667803	24.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.00%
33) 1,2-Dichloropropane-d6	9.27	67	182118	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	10.32	98	634067	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.84%
38) trans-1,3-Dichloropropene-	10.58	79	74536	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.48%
39) 2-Hexanone-d5	10.93	63	52756	51.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.14%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134616	24.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.08%
61) 1,2-Dichlorobenzene-d4	13.85	152	222183	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

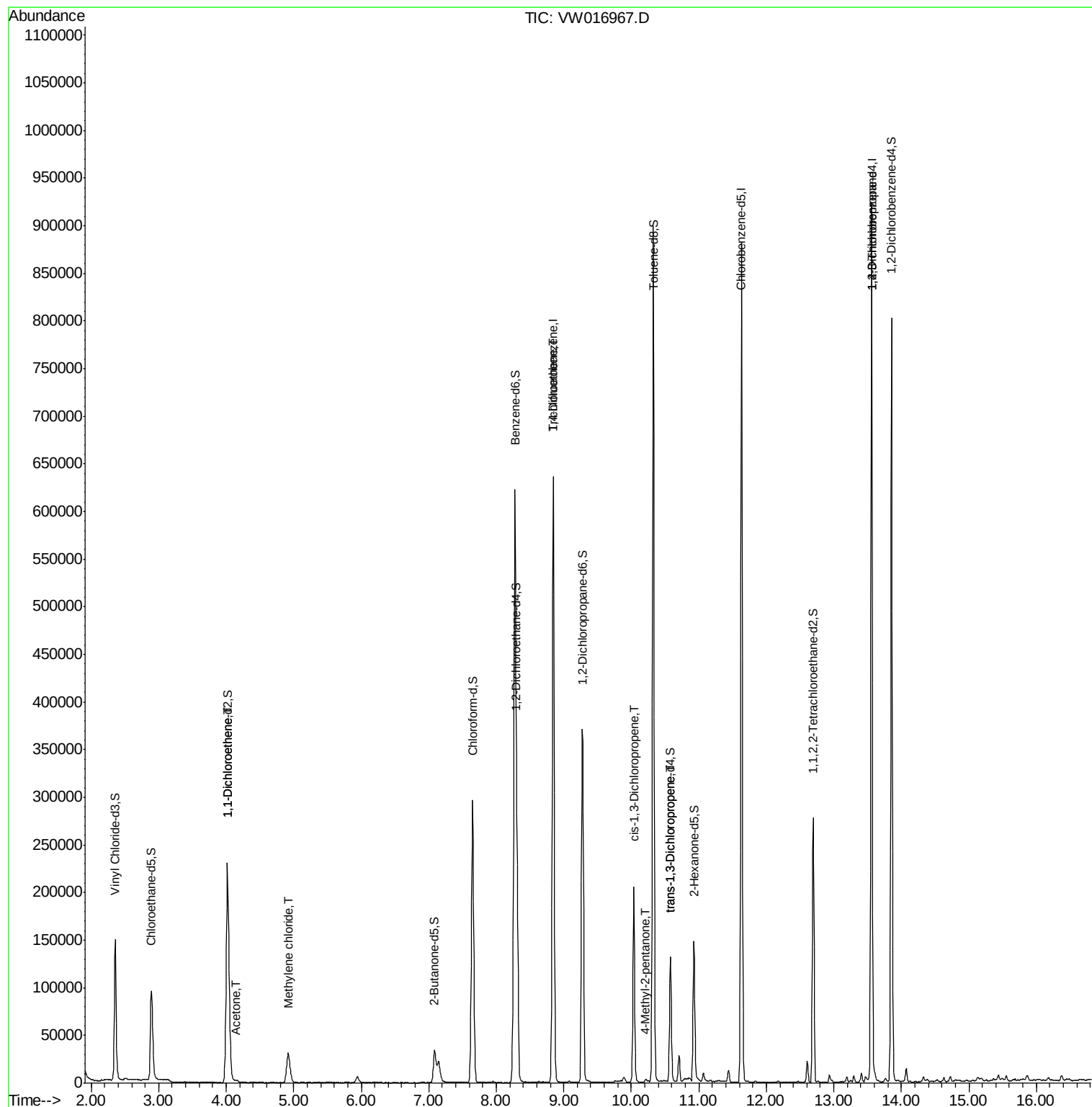
					Ovalue
12) 1,1-Dichloroethene	4.02	96	2127	0.275 ug/L #	1
13) Acetone	4.14	43	1739	2.016 ug/L	42
16) Methylene chloride	4.92	84	29891	3.833 ug/L	96
35) Trichloroethene	8.85	95	17136	2.111 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	5490	0.536 ug/L #	71
43) 4-Methyl-2-pentanone	10.22	43	2379	0.767 ug/L	90
45) trans-1,3-Dichloropropene	10.58	75	3253	0.384 ug/L	89
59) 1,2,3-Trichloropropane	13.56	75	25886	6.431 ug/L	93

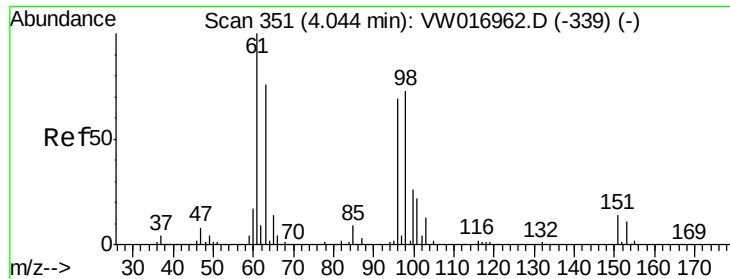
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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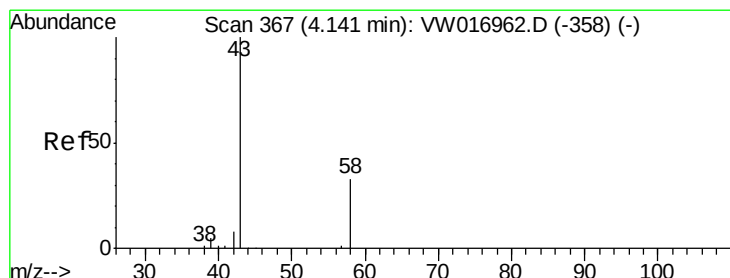
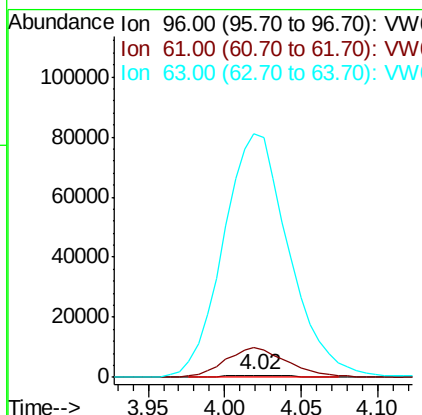
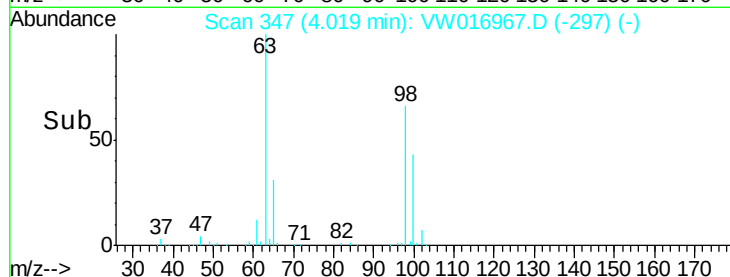
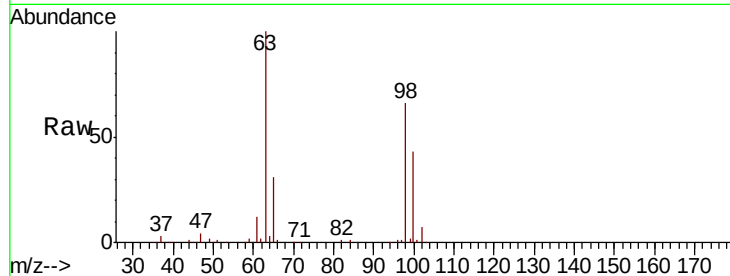




#12
 1,1-Dichloroethene
 Concen: 0.275 ug/L
 RT: 4.02 min Scan# 347
 Delta R.T. -0.02 min
 Lab File: VW016967.D
 Acq: 22 Oct 2020 14:14

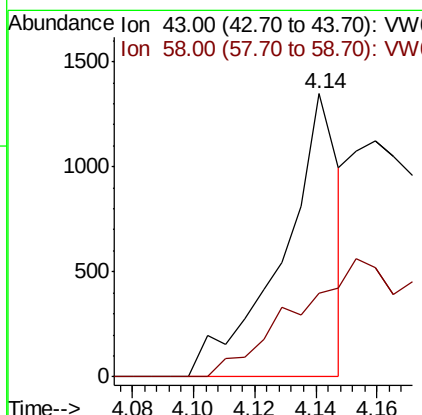
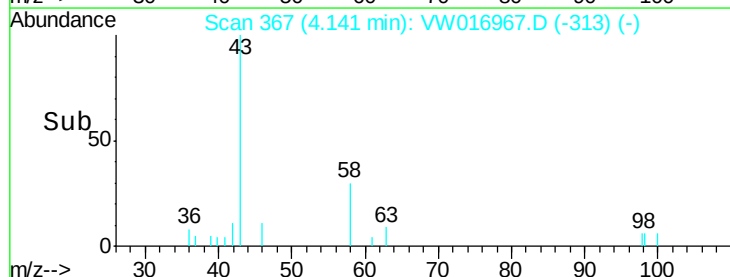
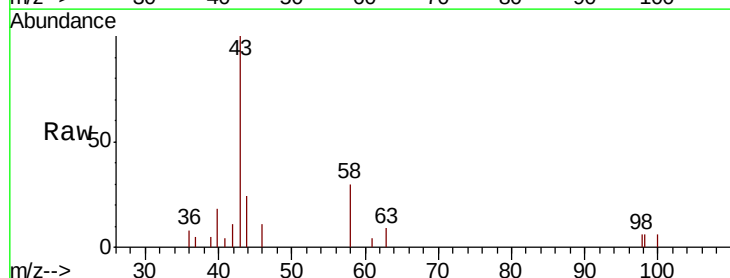
Instrument :
 MSVOA_W
 ClientSampleId :
 BG430

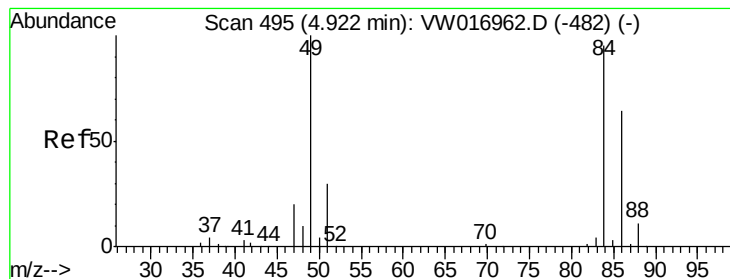
Tot Ion: 96 Resp: 2127
 Ion Ratio Lower Upper
 96 100
 61 1264.3 101.4 188.4#
 63 10444.3 78.5 145.9#



#13
 Acetone
 Concen: 2.016 ug/L
 RT: 4.14 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VW016967.D
 Acq: 22 Oct 2020 14:14

Tgt Ion: 43 Resp: 1739
 Ion Ratio Lower Upper
 43 100
 58 1.1 0.0 69.8





#16

Methvlene chloride

Concen: 3.833 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

BG430

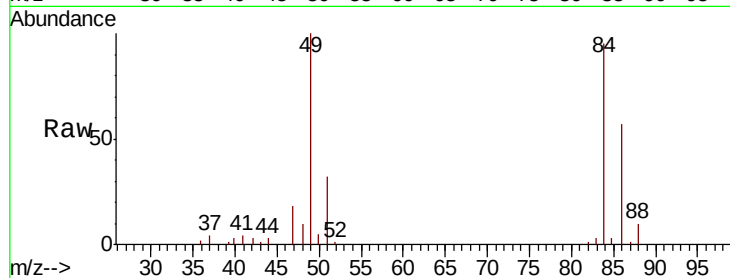
Tot Ion: 84 Resp: 29891

Ion Ratio Lower Upper

84 100

49 105.4 73.8 137.0

86 60.2 47.4 88.0

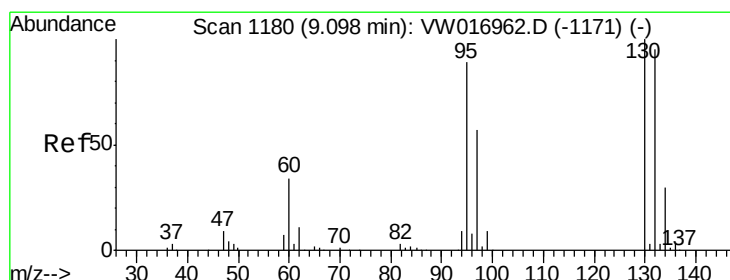
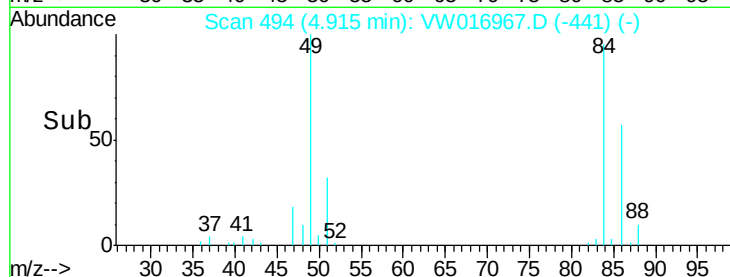
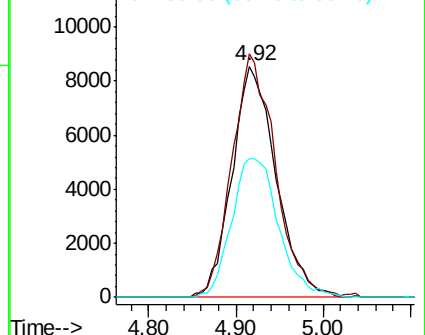


Abundance

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



#35

Trichloroethene

Concen: 2.111 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Tgt Ion: 95 Resp: 17136

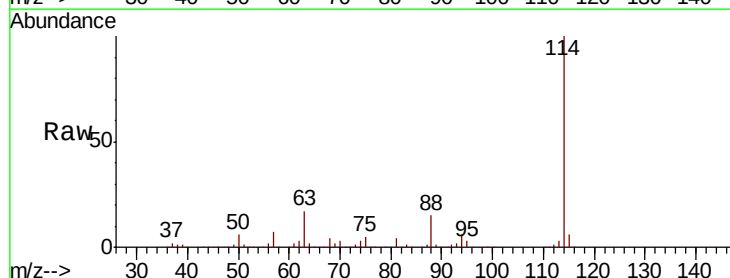
Ion Ratio Lower Upper

95 100

97 0.8 46.0 85.4#

132 0.0 73.9 137.3#

130 0.3 77.6 144.2#



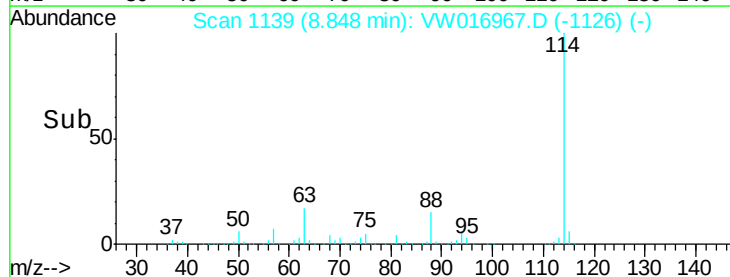
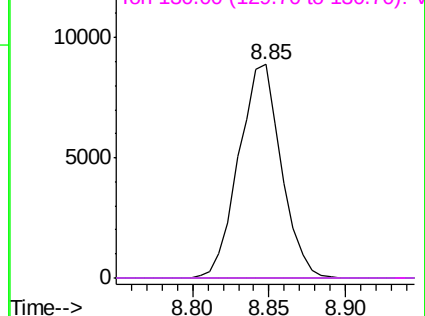
Abundance

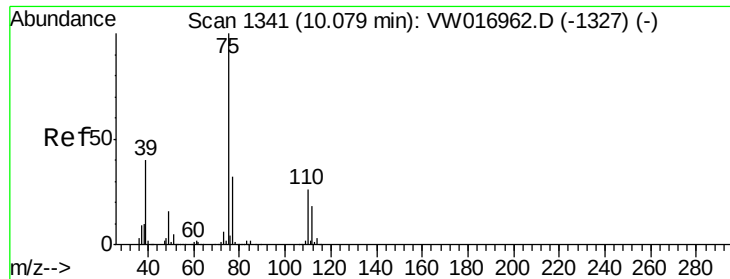
Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

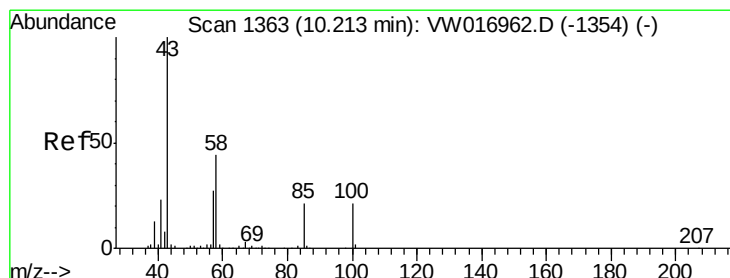
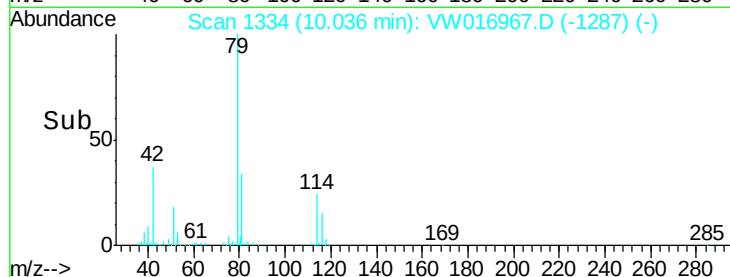
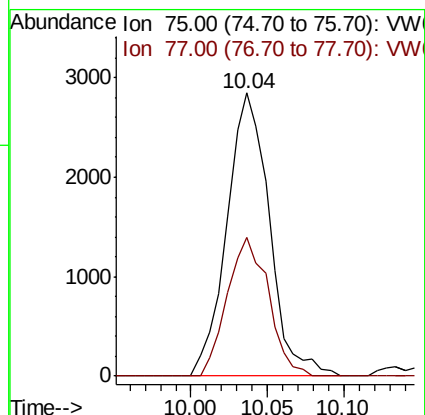
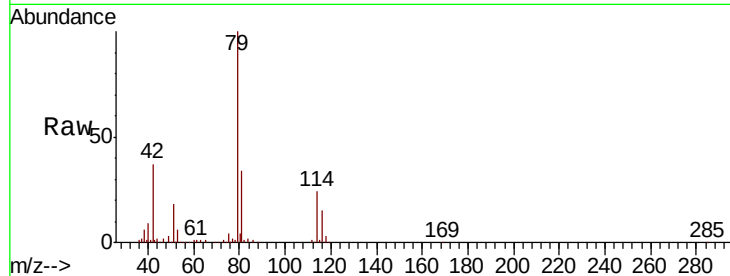
BG430

Tot Ion: 75 Resp: 5490

Ion Ratio Lower Upper

75 100

77 48.8 22.7 42.1#



#43

4-Methyl-2-pentanone

Concen: 0.767 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

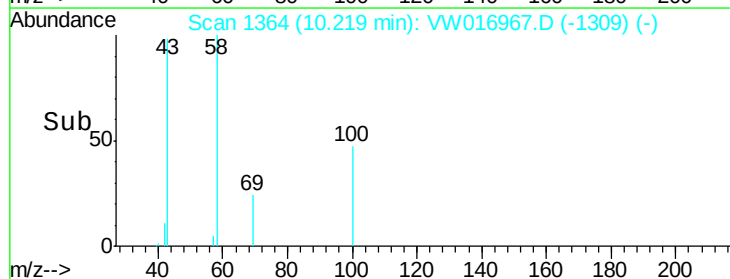
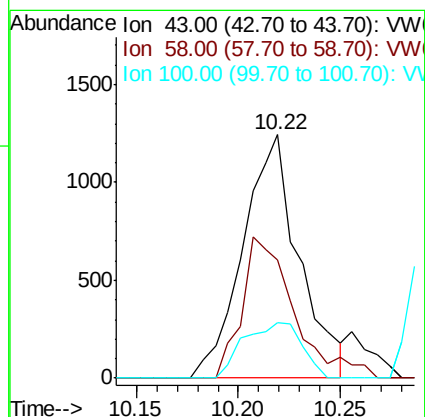
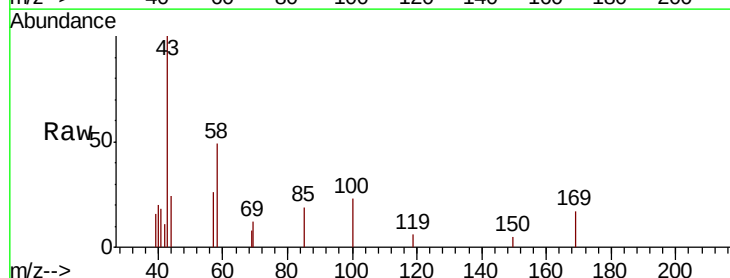
Tgt Ion: 43 Resp: 2379

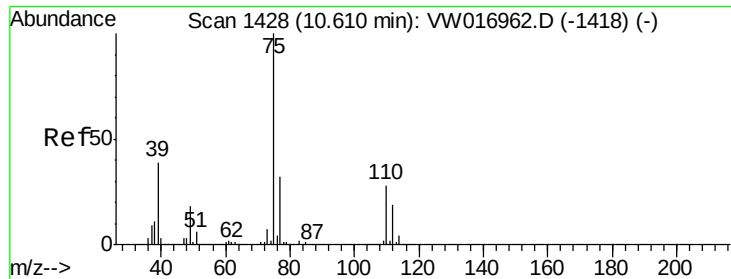
Ion Ratio Lower Upper

43 100

58 50.1 34.4 51.6

100 23.6 16.2 24.2





#45

trans-1,3-Dichloropropene

Concen: 0.384 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Instrument :

MSVOA_W

ClientSampleId :

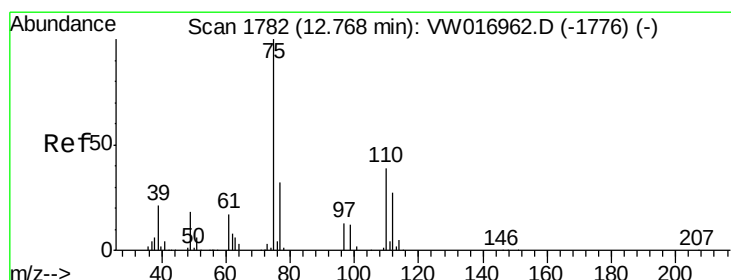
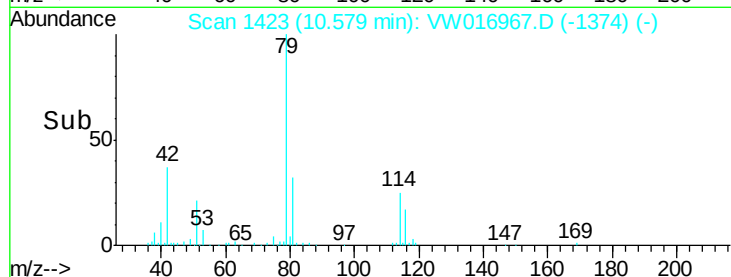
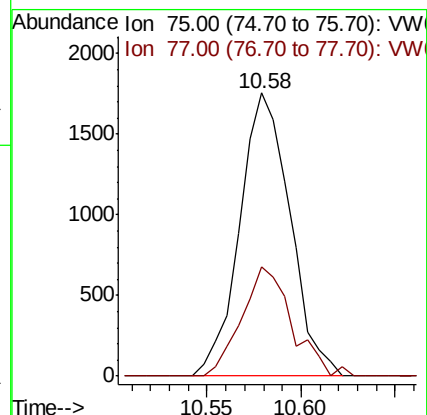
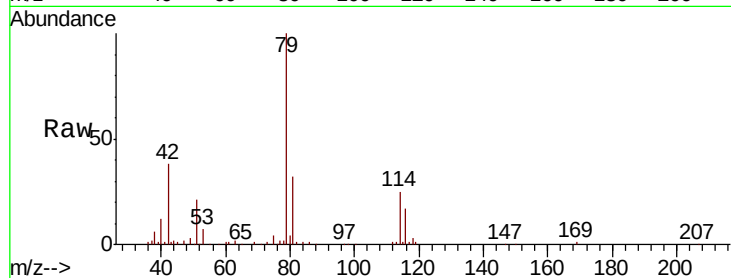
BG430

Tot Ion: 75 Resp: 3253

Ion Ratio Lower Upper

75 100

77 38.5 22.7 42.3



#59

1,2,3-Trichloropropane

Concen: 6.431 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016967.D

Acq: 22 Oct 2020 14:14

Tgt Ion: 75 Resp: 25886

Ion Ratio Lower Upper

75 100

77 36.3 25.8 38.8

