

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110220\
 Data File : VW017045.D
 Acq On : 02 Nov 2020 14:11
 Operator : SY/VA
 Sample : L4543-15
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG473

Quant Time: Nov 03 04:56:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 04:48:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	564997	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	491050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	228805	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	146684	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
7) Chloroethane-d5	2.90	69	120593	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.48%
10) 1,1-Dichloroethene-d2	4.03	63	220947	17.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.68%
20) 2-Butanone-d5	7.08	46	44650	36.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.70%
24) Chloroform-d	7.65	84	307483	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	8.31	65	135378	22.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.28%
29) Benzene-d6	8.28	84	643593	25.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.04%
33) 1,2-Dichloropropane-d6	9.27	67	171226	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.60%
37) Toluene-d8	10.33	98	603681	25.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.68%
38) trans-1,3-Dichloropropene-	10.59	79	61915	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	10.93	63	37151	38.86	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108473	20.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	206718	25.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.84%

Target Compounds

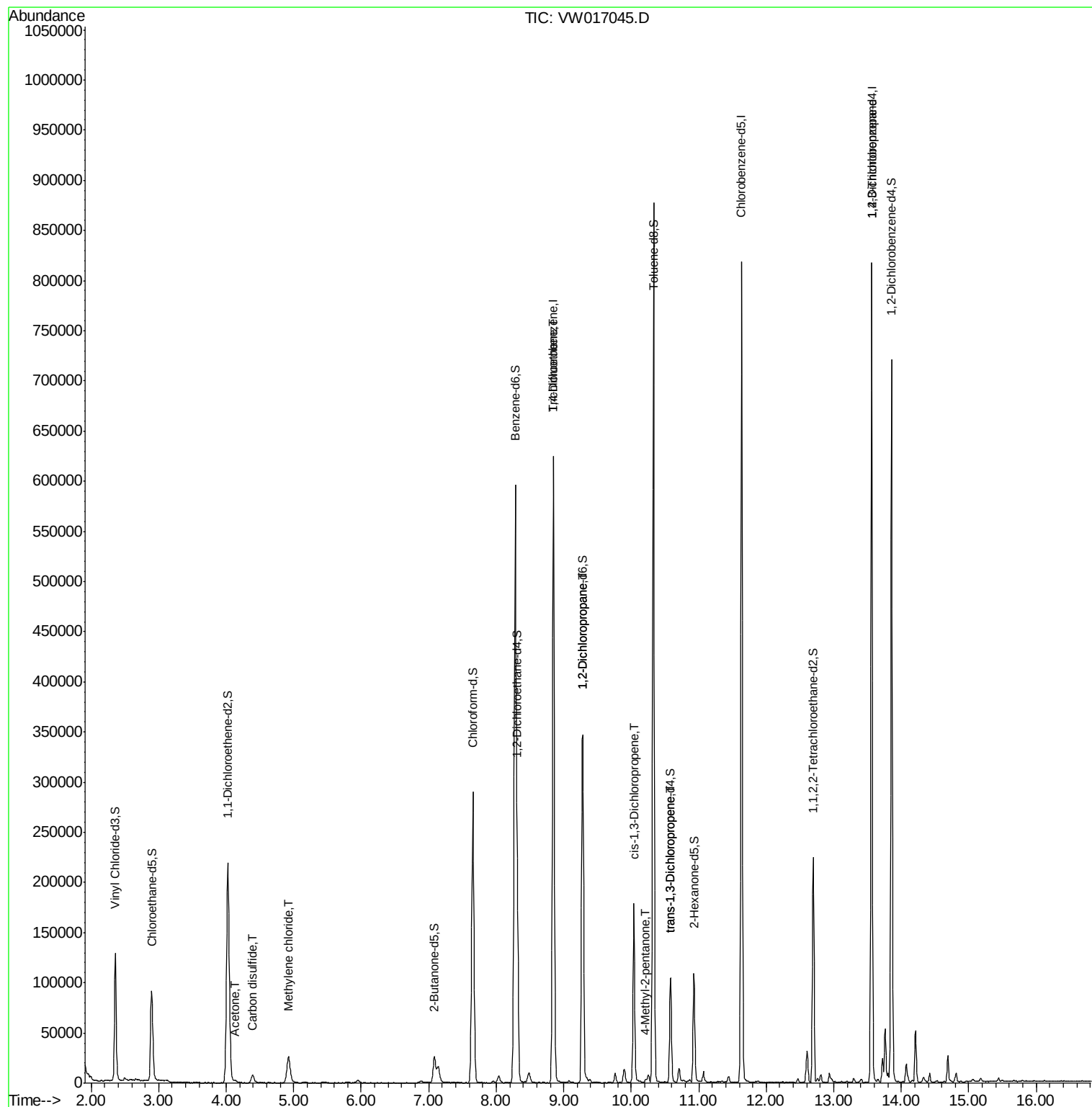
					Ovalue
13) Acetone	4.14	43	2911	3.522 ug/L	96
14) Carbon disulfide	4.39	76	16600	0.740 ug/L	99
16) Methylene chloride	4.92	84	23328	3.123 ug/L	99
35) Trichloroethene	8.85	95	15904	2.117 ug/L #	1
40) 1,2-Dichloropropane	9.28	63	18718	3.090 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	4212	0.445 ug/L #	64
43) 4-Methyl-2-pentanone	10.21	43	2111	0.735 ug/L #	82
45) trans-1,3-Dichloropropene	10.58	75	2650	0.338 ug/L	95
59) 1,2,3-Trichloropropane	13.56	75	22785	6.117 ug/L	91

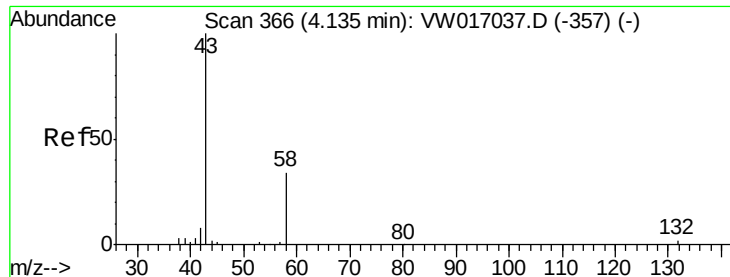
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.522 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW017045.D

Acq: 02 Nov 2020 14:11

Instrument :

MSVOA_W

ClientSampled :

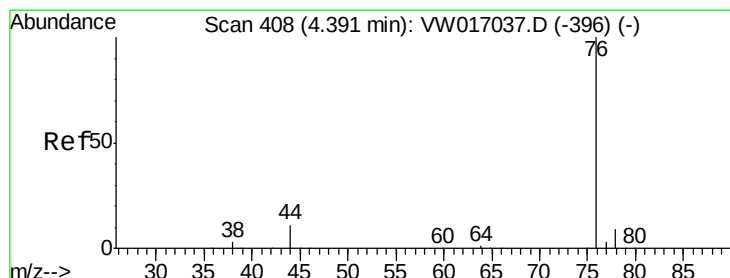
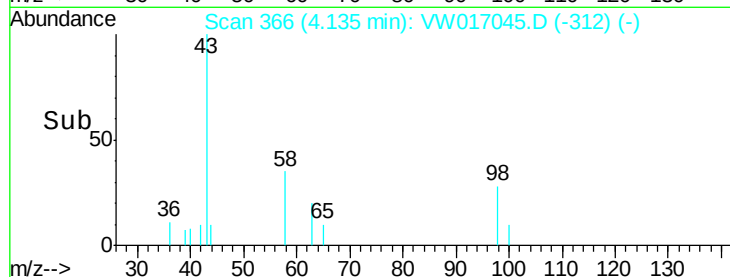
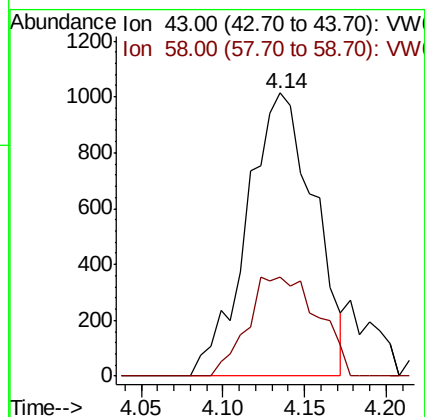
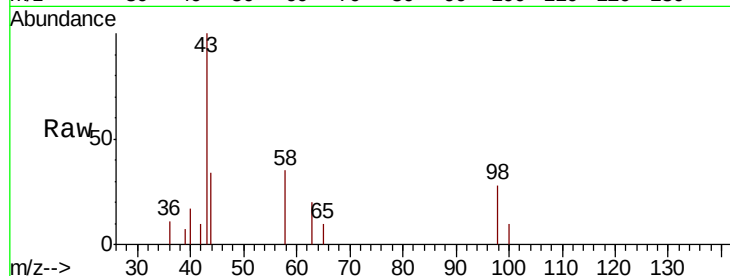
BG473

Tot Ion: 43 Resp: 2911

Ion Ratio Lower Upper

43 100

58 32.7 0.0 69.8



#14

Carbon disulfide

Concen: 0.740 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW017045.D

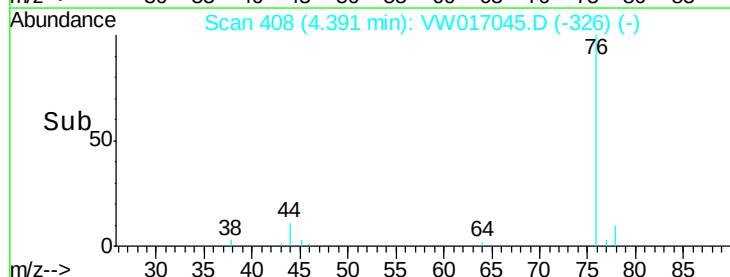
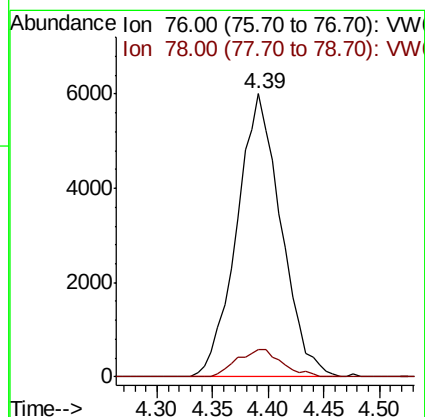
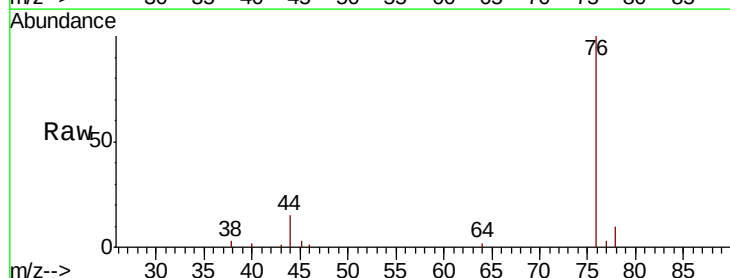
Acq: 02 Nov 2020 14:11

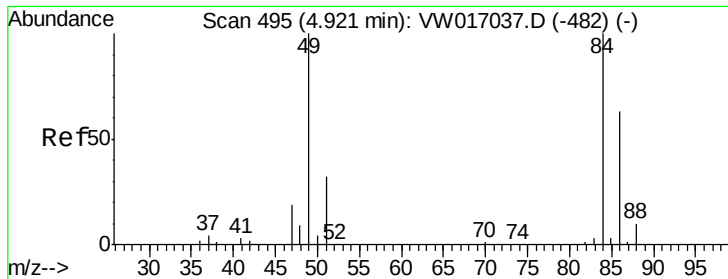
Tgt Ion: 76 Resp: 16600

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

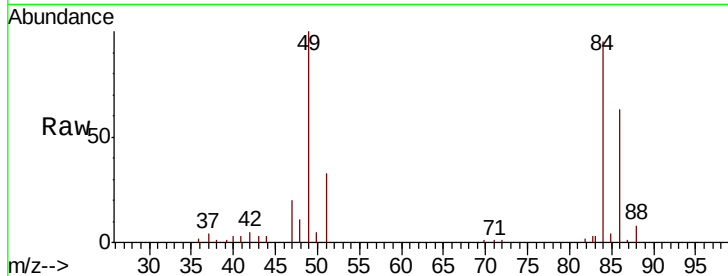




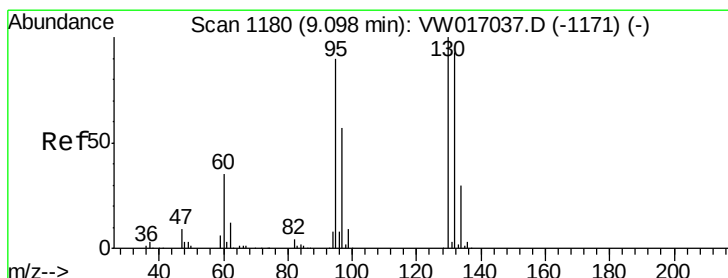
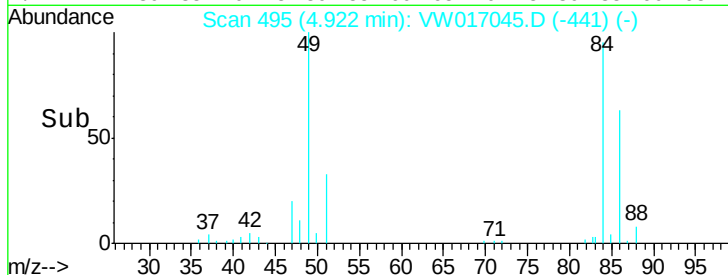
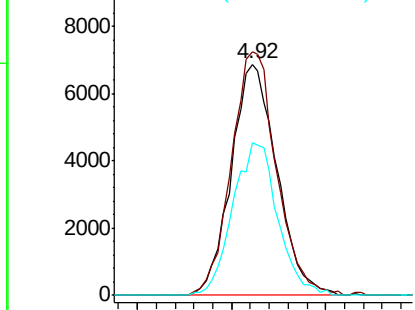
#16
Methylene chloride
Concen: 3.123 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW017045.D
Acq: 02 Nov 2020 14:11

Instrument :
MSVOA_W
ClientSampleId :
BG473

Tot Ion: 84 Resp: 23328
Ion Ratio Lower Upper
84 100
49 105.3 73.8 137.0
86 65.8 47.4 88.0

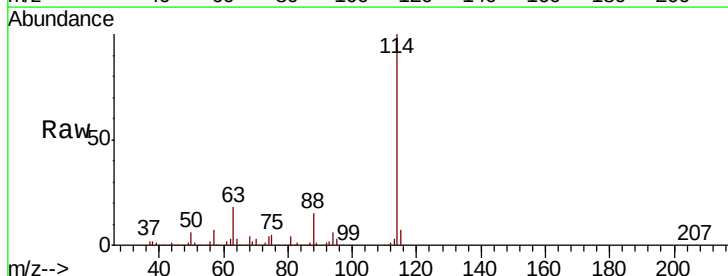


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

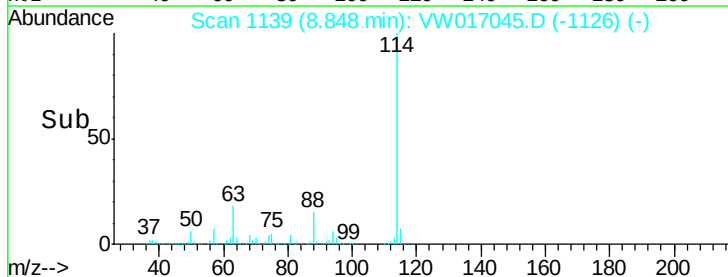
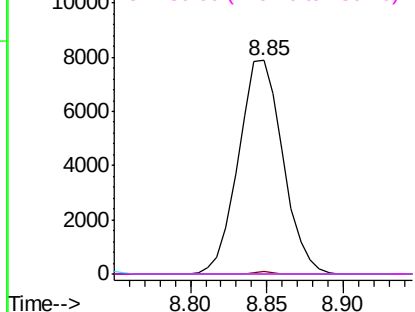


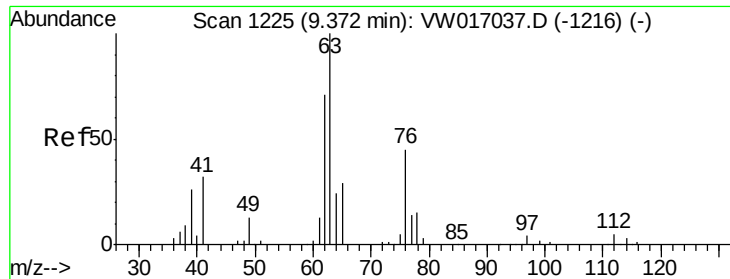
#35
Trichloroethene
Concen: 2.117 ug/L
RT: 8.85 min Scan# 1139
Delta R.T. -0.25 min
Lab File: VW017045.D
Acq: 02 Nov 2020 14:11

Tgt Ion: 95 Resp: 15904
Ion Ratio Lower Upper
95 100
97 0.4 46.0 85.4#
132 0.0 73.9 137.3#
130 0.0 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): V
Ion 130.00 (129.70 to 130.70): V





#40

1,2-Dichloropropane

Concen: 3.090 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017045.D

Acq: 02 Nov 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

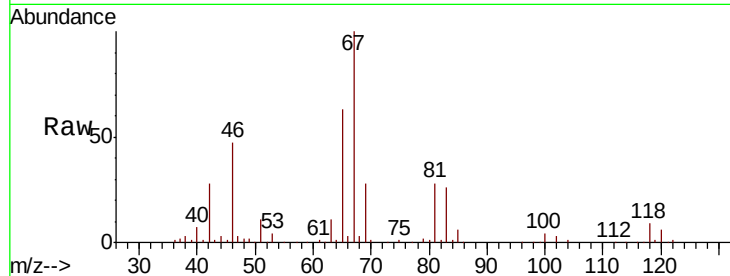
BG473

Tot Ion: 63 Resp: 18718

Ion Ratio Lower Upper

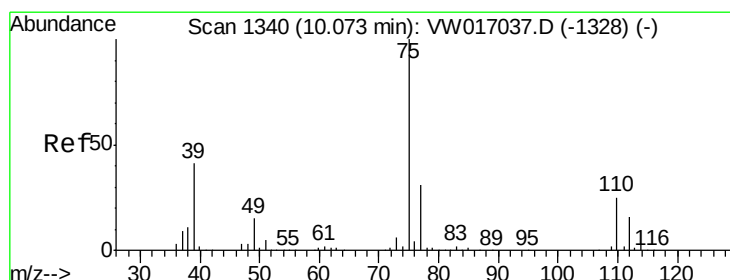
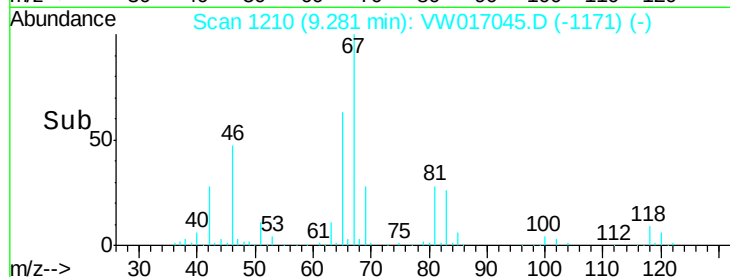
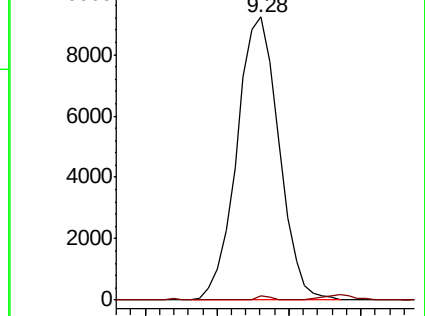
63 100

112 0.4 4.5 6.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017045.D

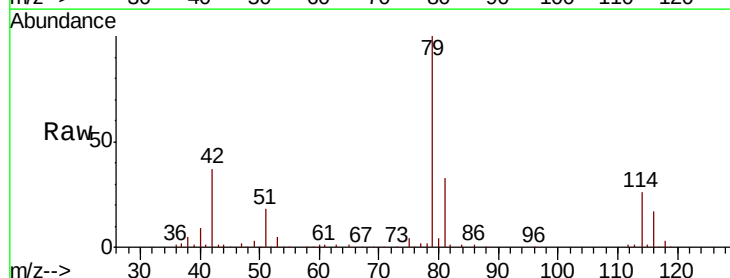
Acq: 02 Nov 2020 14:11

Tgt Ion: 75 Resp: 4212

Ion Ratio Lower Upper

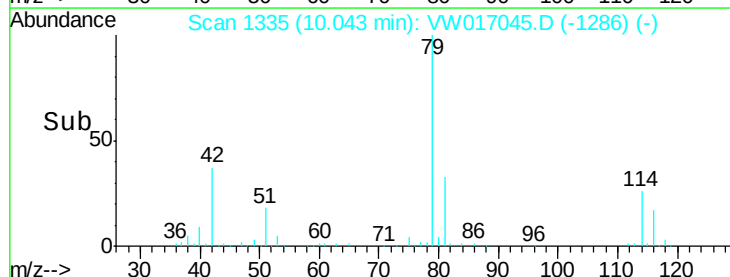
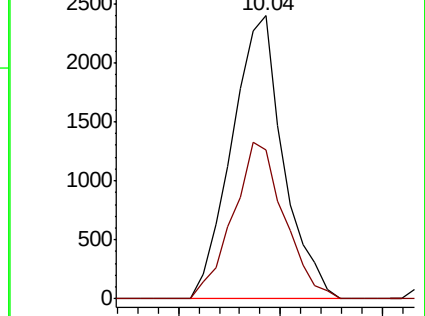
75 100

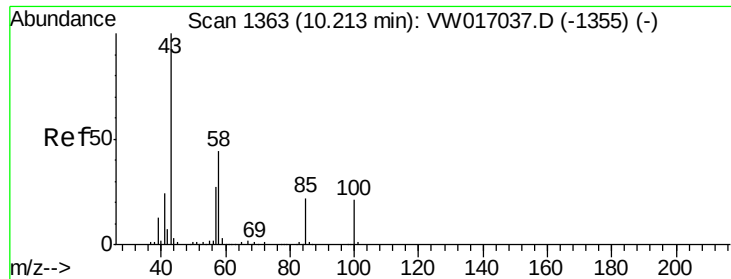
77 52.7 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

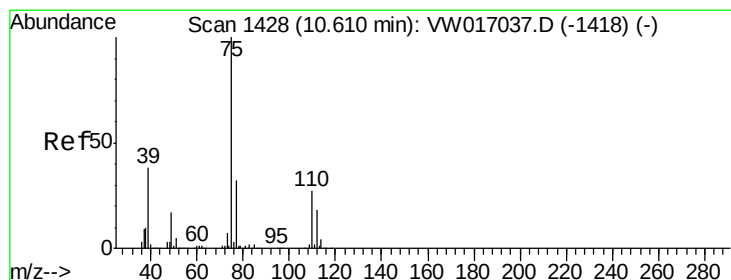
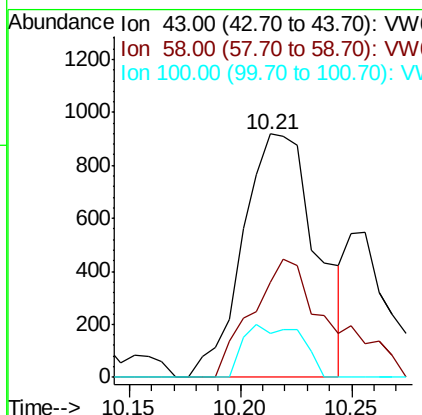
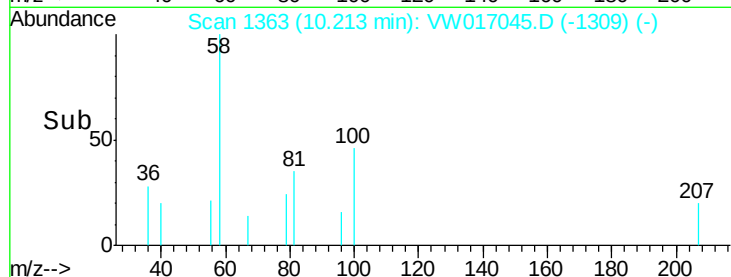
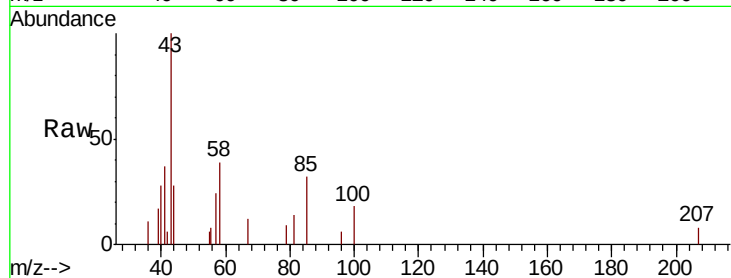




#43
4-Methyl-2-pentanone
Concen: 0.735 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017045.D
Acq: 02 Nov 2020 14:11

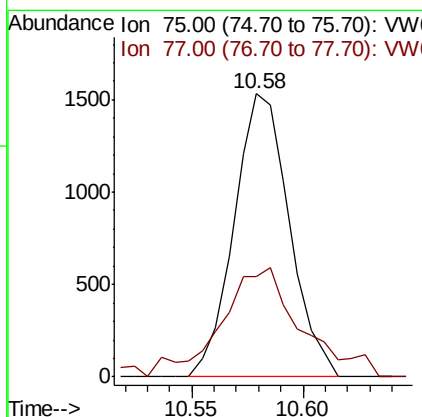
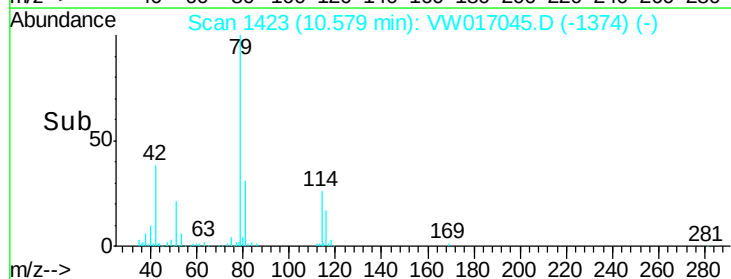
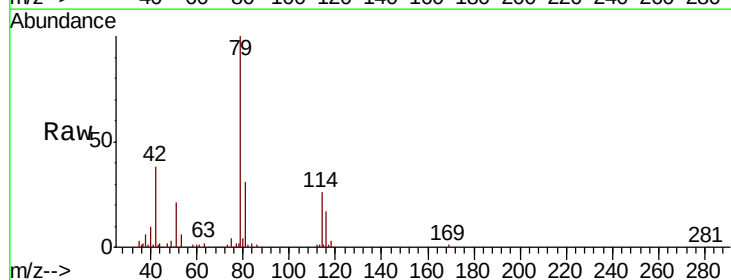
Instrument :
MSVOA_W
ClientSampled :
BG473

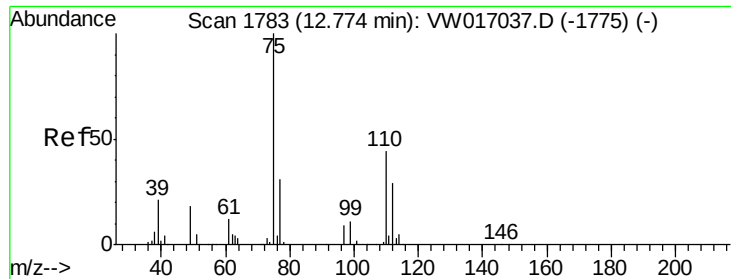
Tot Ion: 43 Resp: 2111
Ion Ratio Lower Upper
43 100
58 52.2 34.4 51.6#
100 9.0 16.2 24.2#



#45
trans-1,3-Dichloropropene
Concen: 0.338 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017045.D
Acq: 02 Nov 2020 14:11

Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
77 35.5 22.7 42.3





#59

1,2,3-Trichloropropane

Concen: 6.117 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017045.D

Acq: 02 Nov 2020 14:11

Instrument :

MSVOA_W

ClientSampleId :

BG473

Tot Ion: 75 Resp: 22785

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8

