

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017147.D
 Acq On : 10 Nov 2020 17:58
 Operator : SY/VA
 Sample : L4659-20
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG4C0

Quant Time: Nov 11 05:40:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 11 05:30:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	446160	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391930	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	159636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128695	22.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.60%
7) Chloroethane-d5	2.89	69	105685	24.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.60%
10) 1,1-Dichloroethene-d2	4.02	63	170483	16.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.84%
20) 2-Butanone-d5	7.09	46	46500	37.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.00%
24) Chloroform-d	7.65	84	247000	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	122968	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.28	84	497546	24.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.72%
33) 1,2-Dichloropropane-d6	9.28	67	138248	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
37) Toluene-d8	10.32	98	466176	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	50633	20.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.36%
39) 2-Hexanone-d5	10.93	63	37104	38.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	101110	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	143734	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%

Target Compounds

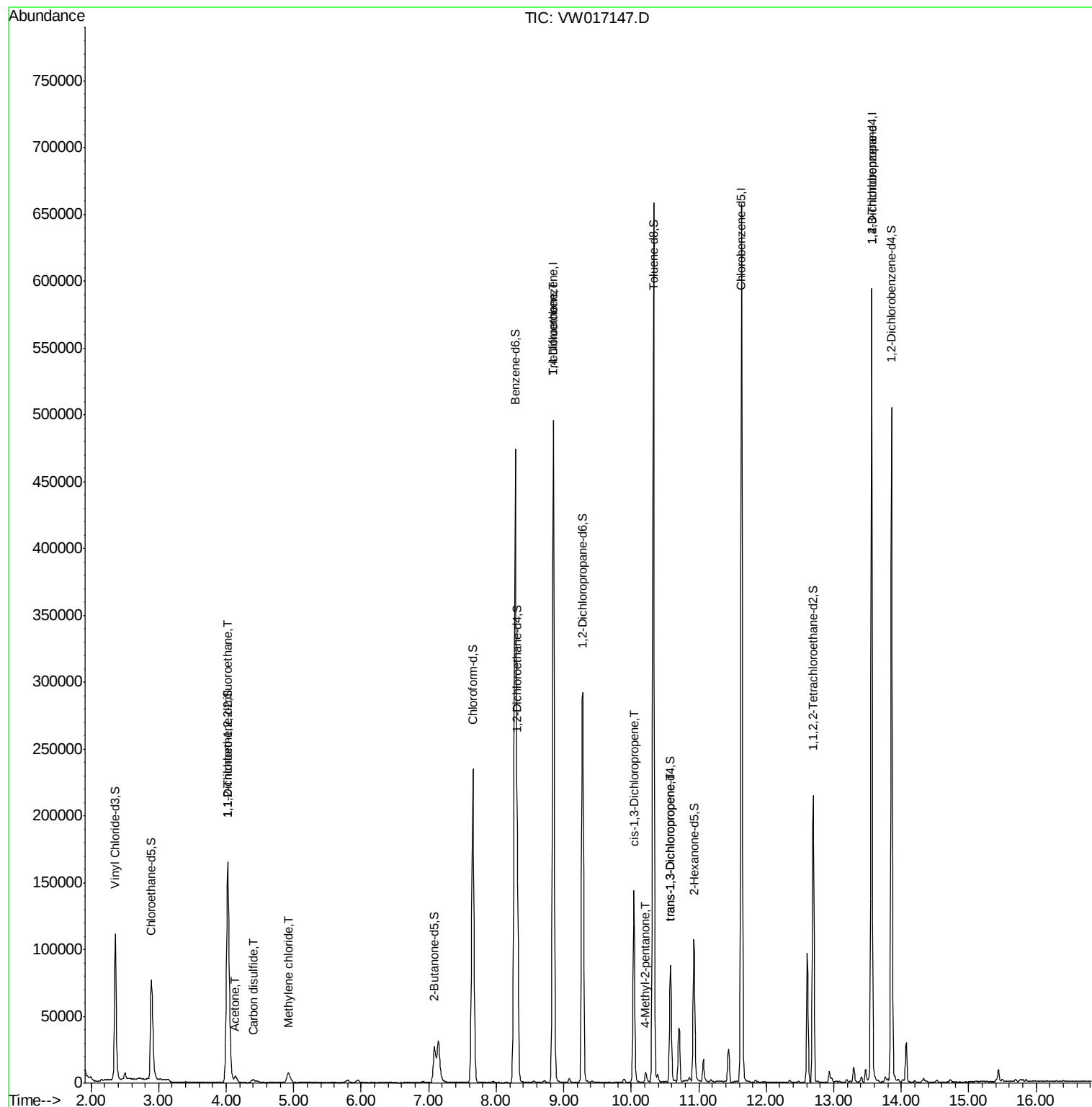
					Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1716	0.298 ug/L #	17
13) Acetone	4.14	43	7680	9.127 ug/L	89
14) Carbon disulfide	4.40	76	5447	0.361 ug/L	95
16) Methylene chloride	4.92	84	6393	1.063 ug/L	96
35) Trichloroethene	8.84	95	13190	2.288 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	3955	0.519 ug/L #	82
43) 4-Methyl-2-pentanone	10.21	43	5193	1.750 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	2418	0.369 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	16439	4.773 ug/L	90

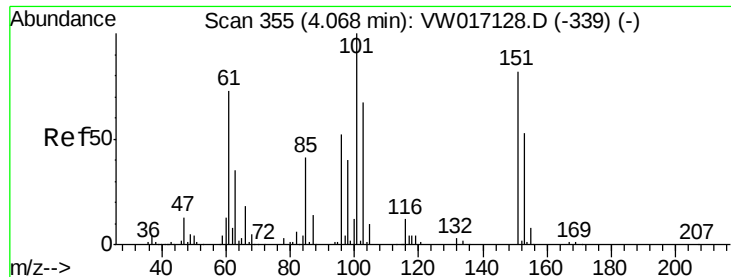
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 11 05:30:56 2020
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.298 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017147.D

Acq: 10 Nov 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

BG4C0

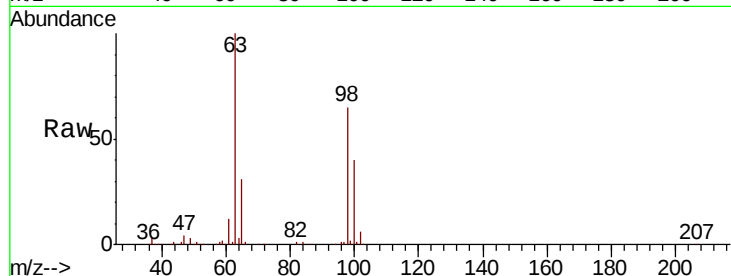
Tot Ion:101 Resp: 1716

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 65.4 98.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.02

600

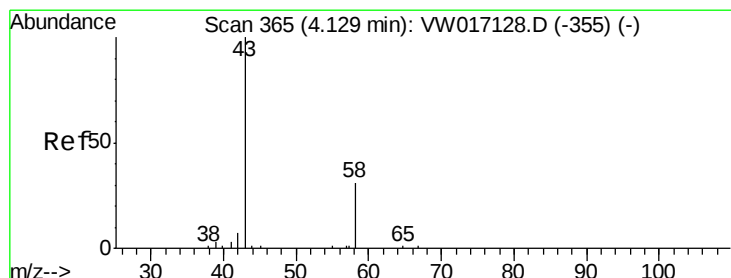
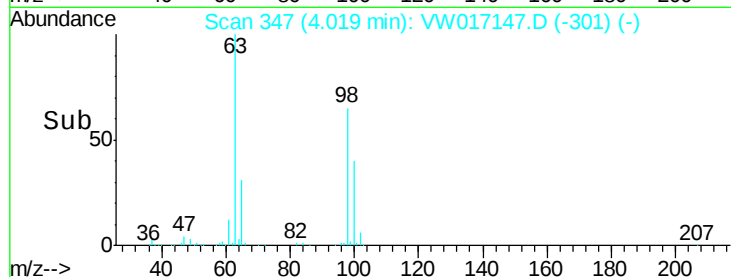
400

200

0

3.95 4.00 4.05 4.10

Time-->



#13

Acetone

Concen: 9.127 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017147.D

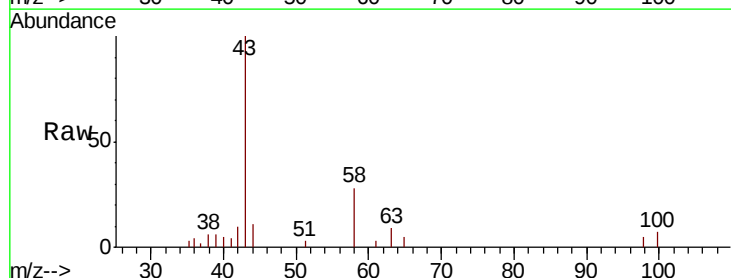
Acq: 10 Nov 2020 17:58

Tgt Ion: 43 Resp: 7680

Ion Ratio Lower Upper

43 100

58 28.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

3000

2500

2000

1500

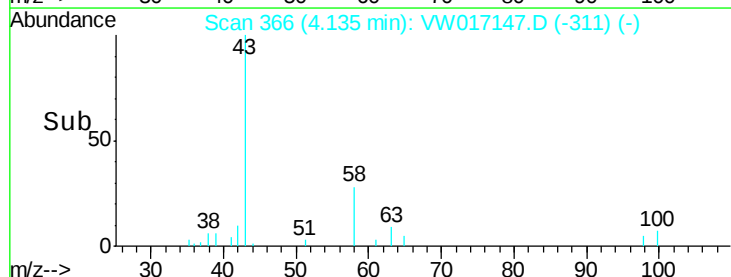
1000

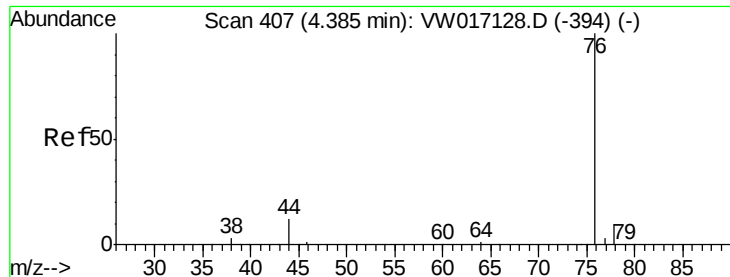
500

0

4.05 4.10 4.15 4.20 4.25

Time-->





#14

Carbon disulfide

Concen: 0.361 ug/L

RT: 4.40 min Scan# 409

Delta R.T. 0.01 min

Lab File: VW017147.D

Acq: 10 Nov 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

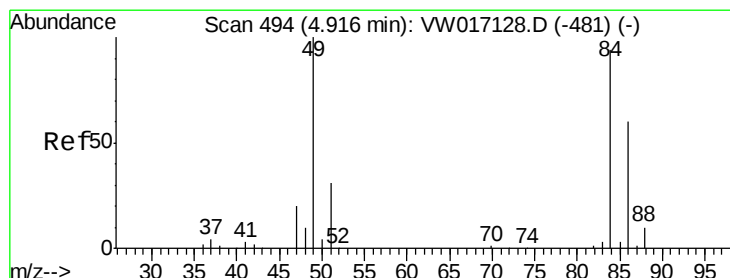
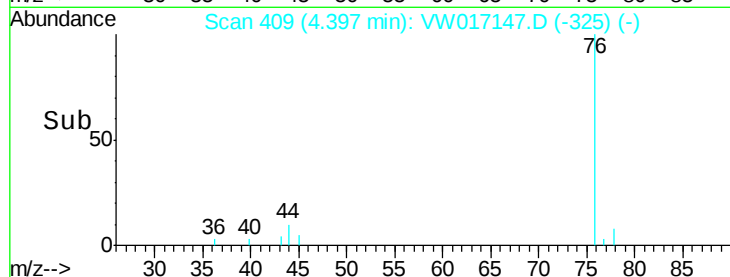
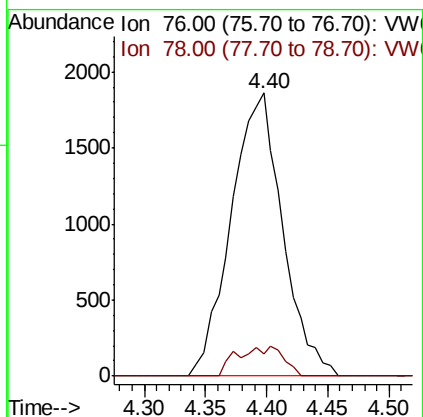
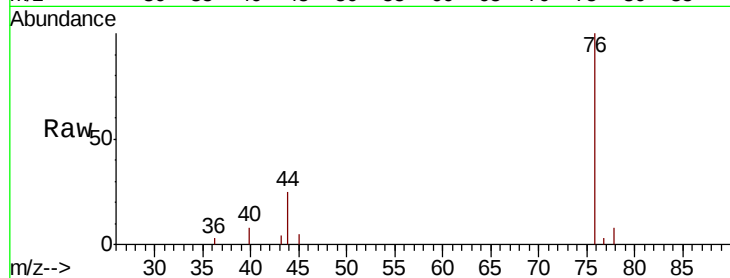
BG4C0

Tot Ion: 76 Resp: 5447

Ion Ratio Lower Upper

76 100

78 7.7 7.6 11.4



#16

Methylene chloride

Concen: 1.063 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017147.D

Acq: 10 Nov 2020 17:58

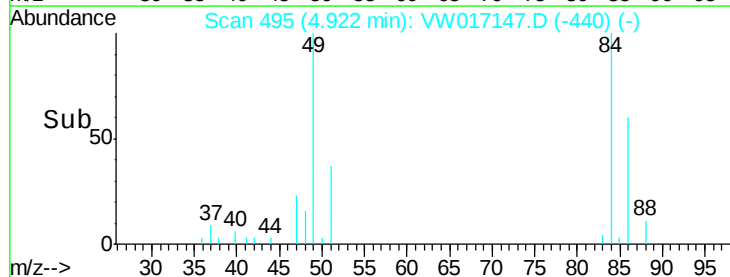
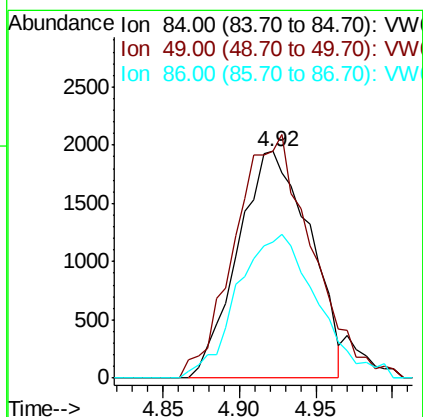
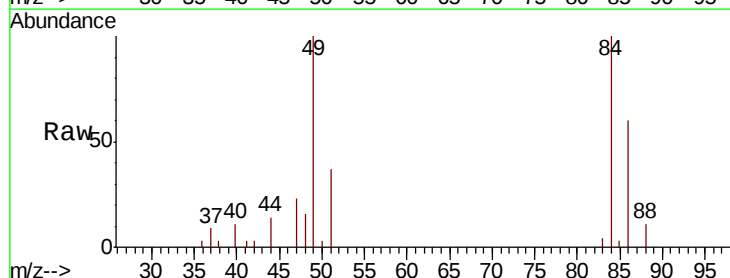
Tgt Ion: 84 Resp: 6393

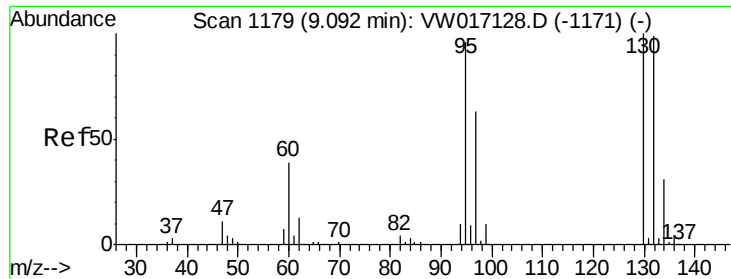
Ion Ratio Lower Upper

84 100

49 100.0 72.3 134.3

86 60.0 45.1 83.7





#35

Trichloroethene

Concen: 2.288 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017147.D

Acq: 10 Nov 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

BG4C0

Tot Ion: 95 Resp: 13190

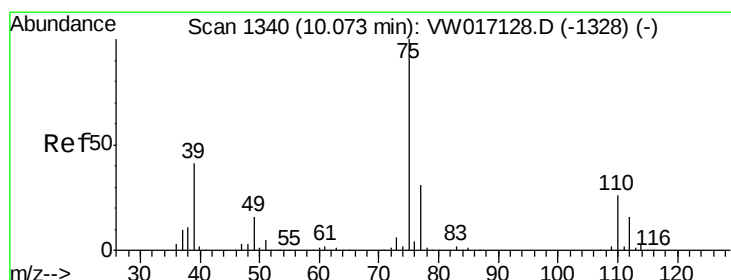
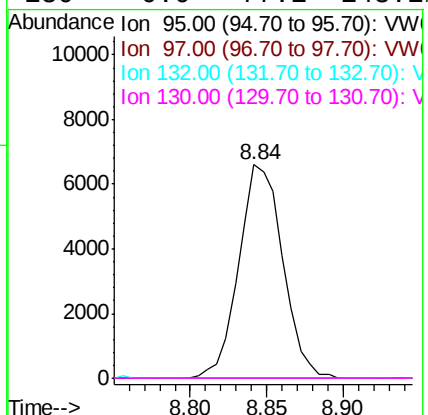
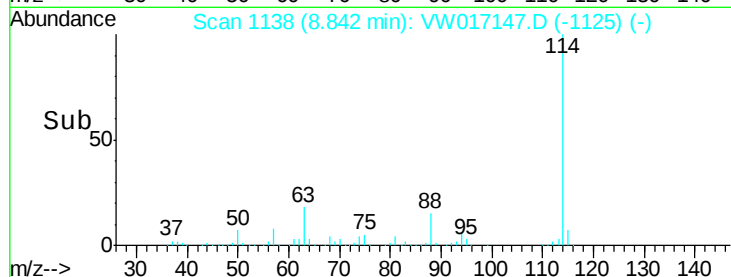
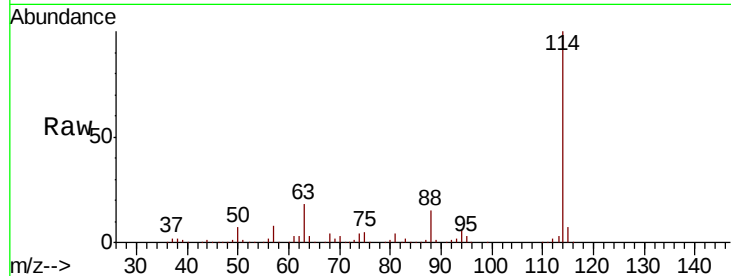
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 73.7 136.9#

130 0.0 77.1 143.1#



#42

cis-1,3-Dichloropropene

Concen: 0.519 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017147.D

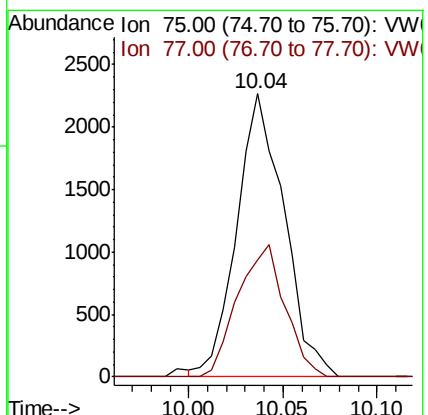
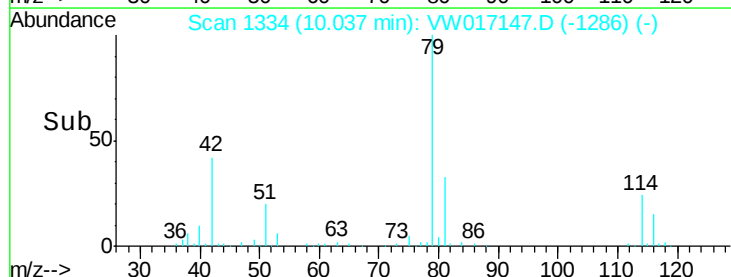
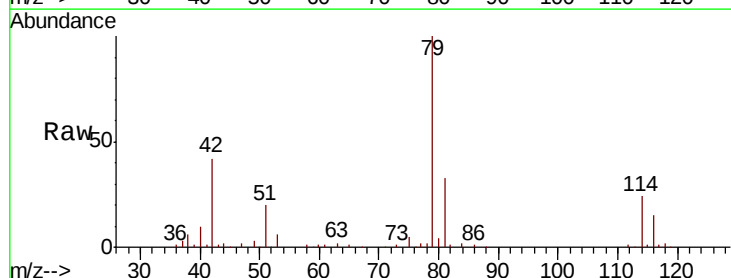
Acq: 10 Nov 2020 17:58

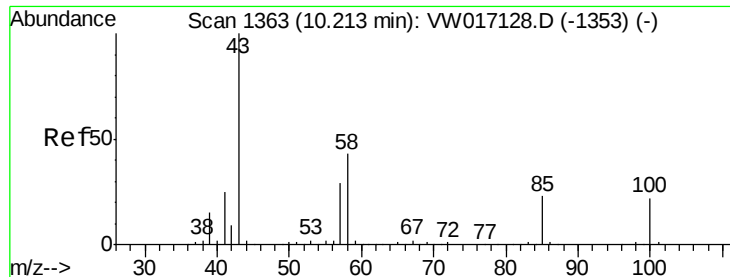
Tgt Ion: 75 Resp: 3955

Ion Ratio Lower Upper

75 100

77 41.4 22.0 41.0#

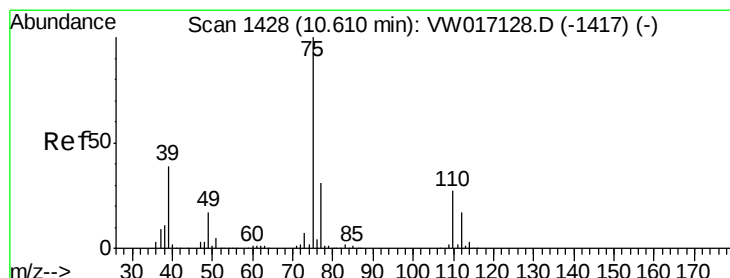
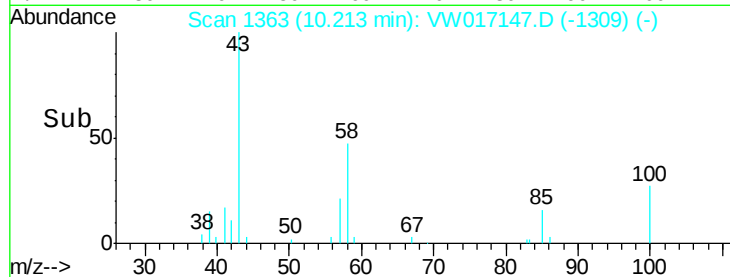
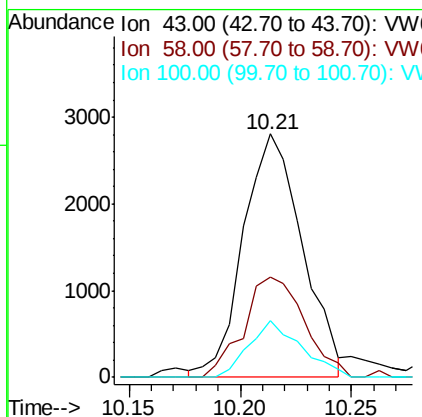
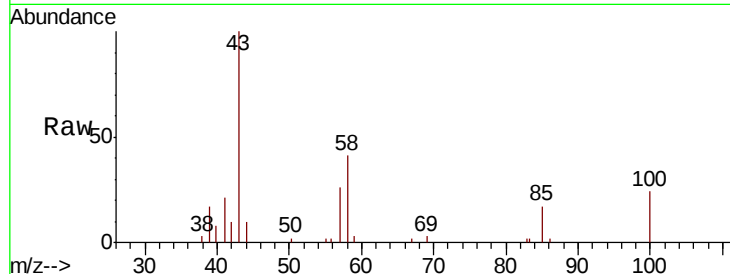




#43
4-Methyl-2-pentanone
Concen: 1.750 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

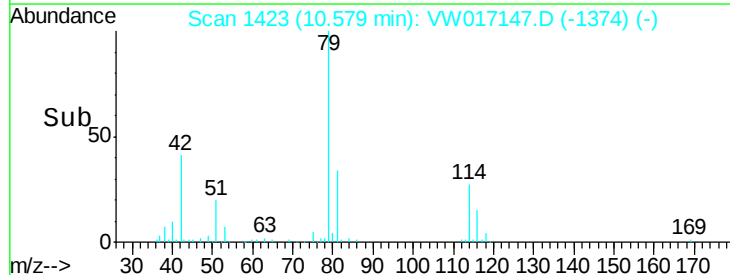
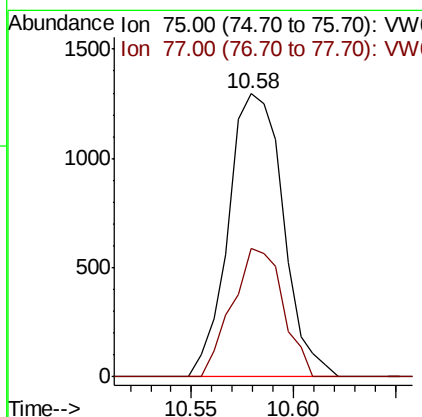
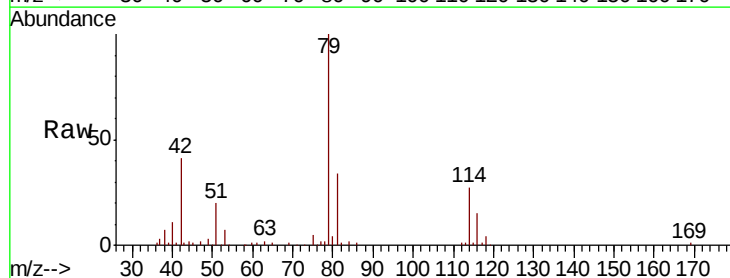
Instrument :
MSVOA_W
ClientSampled :
BG4C0

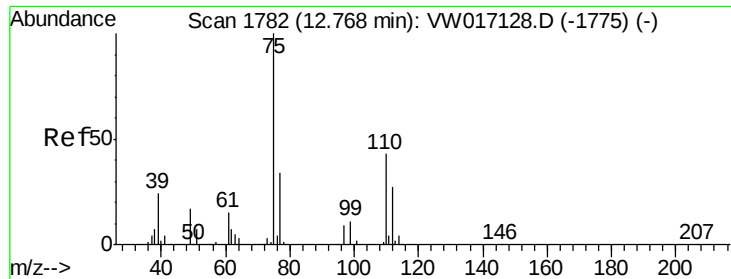
Tot Ion	Ratio	Lower	Upper
43	100		
58	42.1	35.0	52.6
100	20.7	16.6	24.8



#45
trans-1,3-Dichloropropene
Concen: 0.369 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017147.D
Acq: 10 Nov 2020 17:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.5	22.1	41.1





#59

1,2,3-Trichloropropane

Concen: 4.773 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017147.D

Acq: 10 Nov 2020 17:58

Instrument :

MSVOA_W

ClientSampleId :

BG4C0

Tot Ion: 75 Resp: 16439

Ion Ratio Lower Upper

75 100

77 38.7 26.4 39.6

