

Data File : VW017378.D
Acq On : 19 Nov 2020 17:43
Operator : SY/VA
Sample : L4751-17
Misc : 5.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AX0

Quant Time: Nov 20 01:21:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	346131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	112578	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	128929	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.64%
7) Chloroethane-d5	2.90	69	103867	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.08%
10) 1,1-Dichloroethene-d2	4.02	63	158643	17.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.80%
20) 2-Butanone-d5	7.08	46	30061	35.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.44%
24) Chloroform-d	7.65	84	215132	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	8.31	65	101896	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.27	84	415201	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	9.27	67	114914	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.76%
37) Toluene-d8	10.33	98	373709	23.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.56%
38) trans-1,3-Dichloropropene-	10.58	79	32094	16.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.92%
39) 2-Hexanone-d5	10.93	63	22428	37.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73394	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	99933	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

Target Compounds

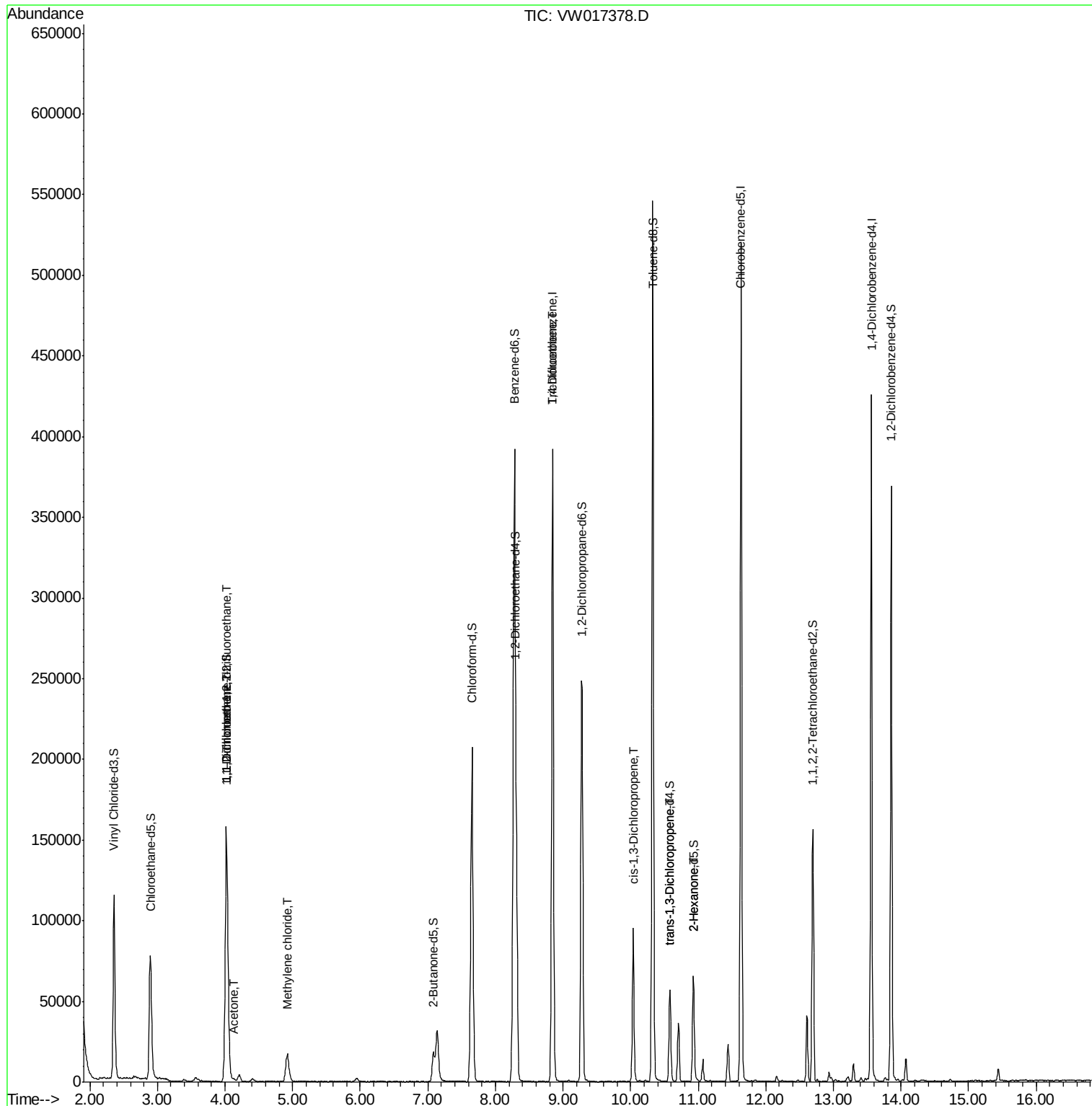
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.02	101	1835	0.387	ug/L #	16
12) 1,1-Dichloroethene	4.03	96	1495	0.328	ug/L #	1
13) Acetone	4.13	43	2205	3.591	ug/L	76
16) Methylene chloride	4.92	84	15229	2.572	ug/L	96
35) Trichloroethene	8.85	95	9838	2.067	ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	2654	0.449	ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	1617	0.323	ug/L	93
49) 2-Hexanone	10.93	43	3038	2.672	ug/L #	67

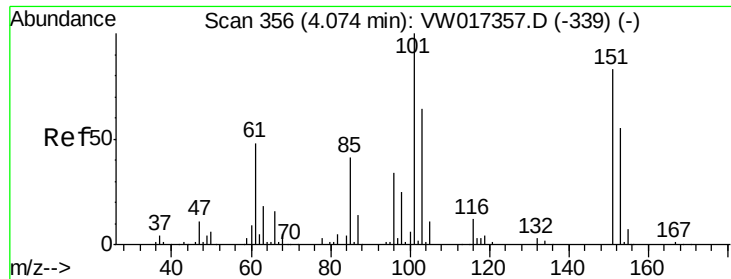
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017378.D
Acq On : 19 Nov 2020 17:43
Operator : SY/VA
Sample : L4751-17
Misc : 5.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AX0

Quant Time: Nov 20 01:21:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 01:18:11 2020
Response via : Initial Calibration





#11

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

Concen: 0.387 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.05 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

Instrument :

MSVOA_W

ClientSampleId :

C0AX0

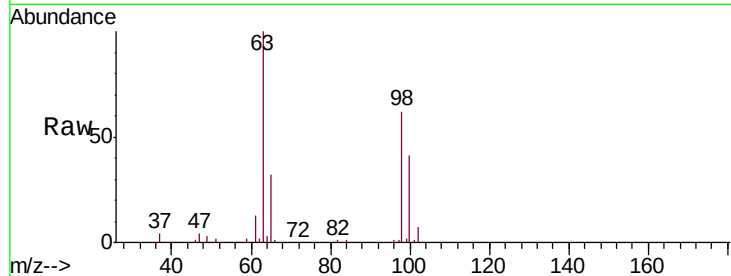
Tgt Ion: 101 Resp: 1835

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 66.3 99.5#



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

800

600

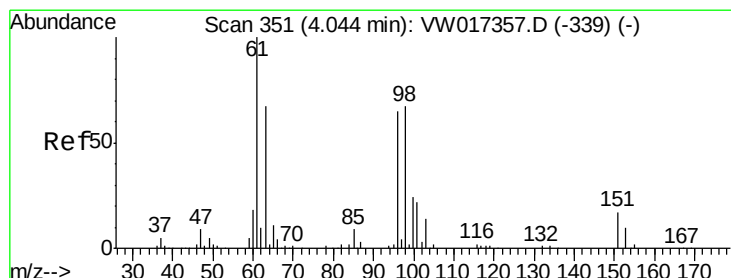
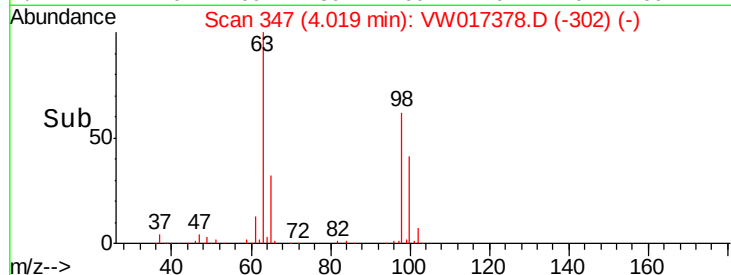
400

200

0

3.95 4.00 4.05 4.10

Time-->



#12

1,1-Dichloroethene

Concen: 0.328 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

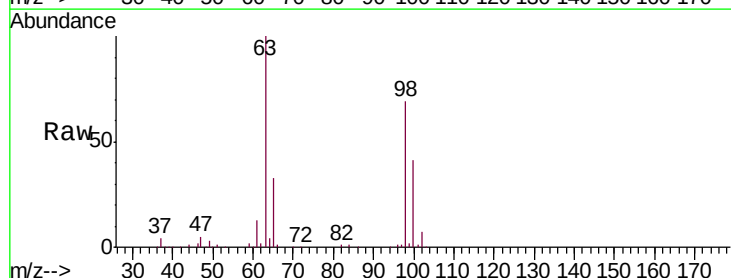
Tgt Ion: 96 Resp: 1495

Ion Ratio Lower Upper

96 100

61 1009.4 104.7 194.4#

63 7802.4 69.6 129.2#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

60000

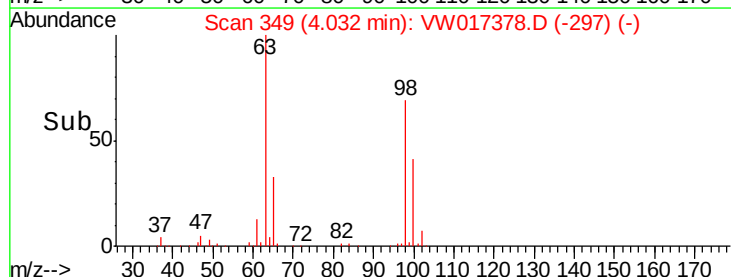
40000

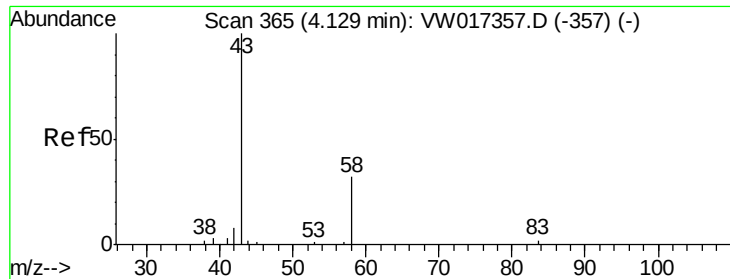
20000

0

3.95 4.00 4.05 4.10

Time-->





#13

Acetone

Concen: 3.591 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

Instrument :

MSVOA_W

ClientSampleId :

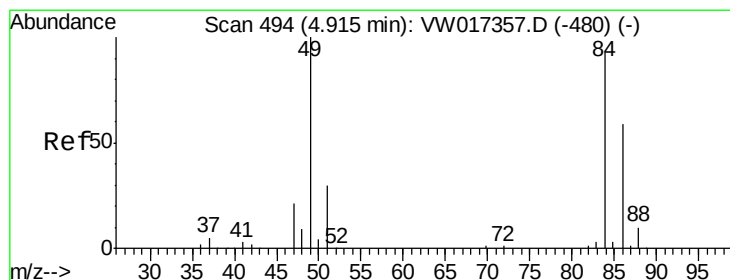
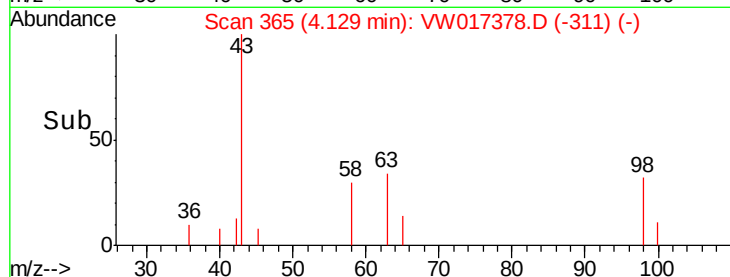
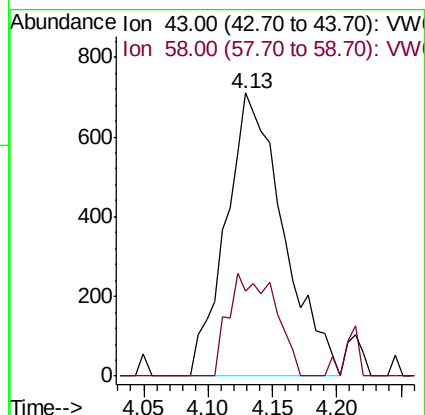
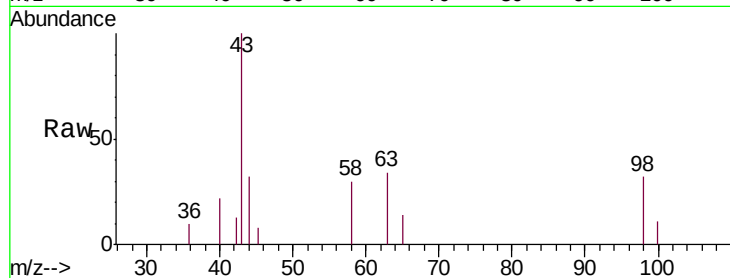
C0AX0

Tgt Ion: 43 Resp: 2205

Ion Ratio Lower Upper

43 100

58 20.0 0.0 67.0



#16

Methylene chloride

Concen: 2.572 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

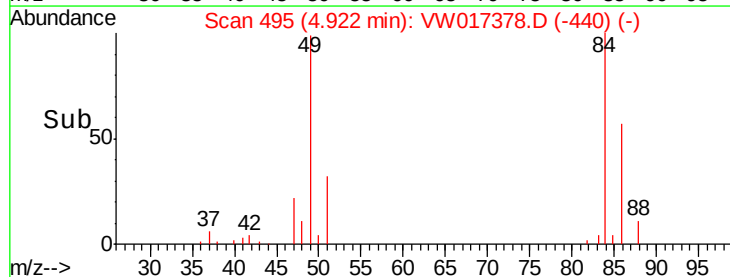
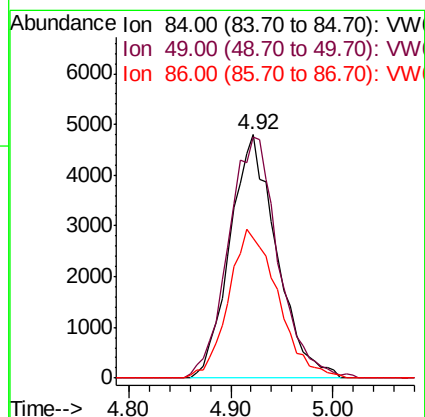
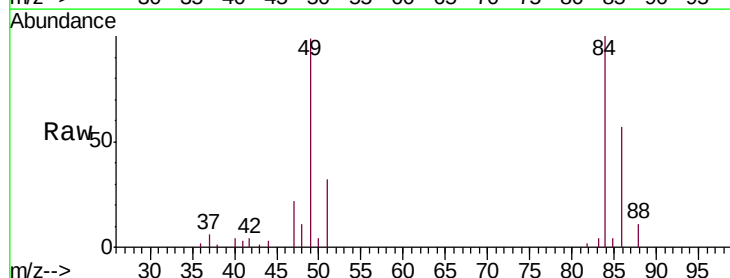
Tgt Ion: 84 Resp: 15229

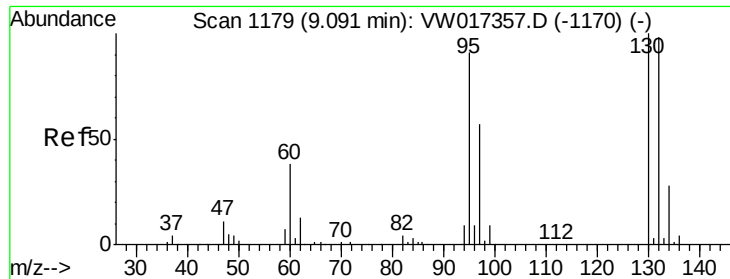
Ion Ratio Lower Upper

84 100

49 98.8 71.5 132.9

86 57.4 42.8 79.4





#35

Trichloroethene

Concen: 2.067 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

Instrument :

MSVOA_W

ClientSampleId :

C0AX0

Tgt Ion: 95 Resp: 9838

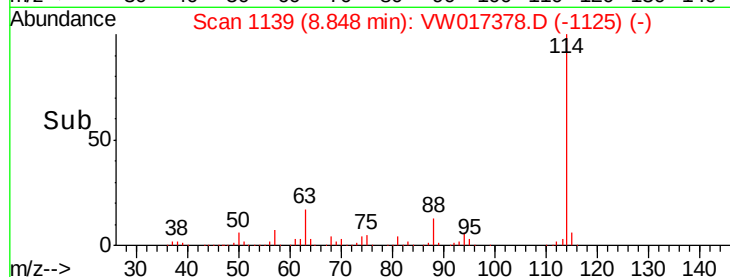
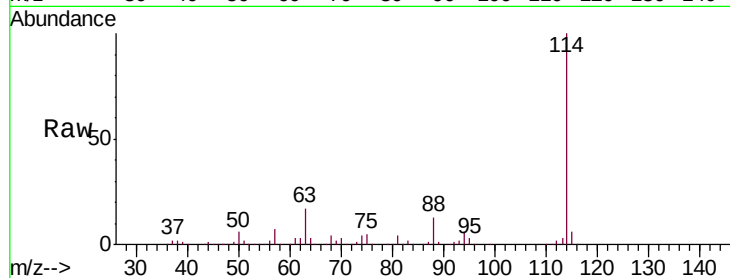
Ion Ratio Lower Upper

95 100

97 0.4 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

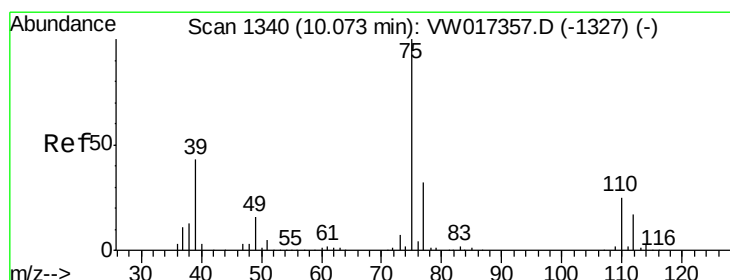
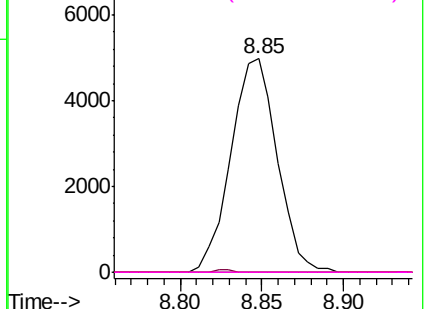


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 0.449 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017378.D

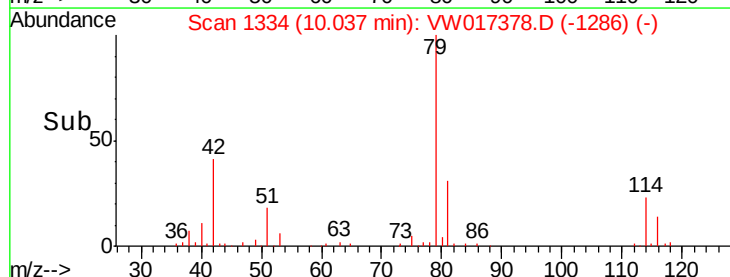
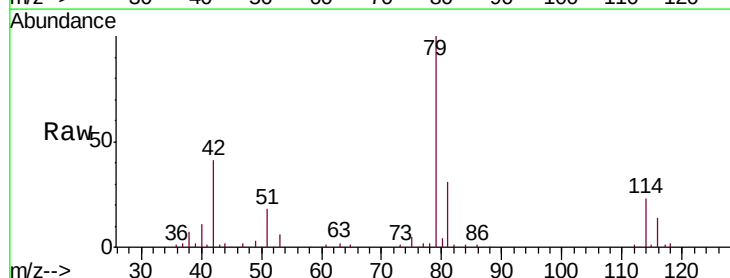
Acq: 19 Nov 2020 17:43

Tgt Ion: 75 Resp: 2654

Ion Ratio Lower Upper

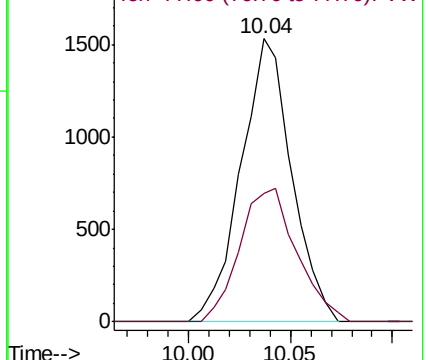
75 100

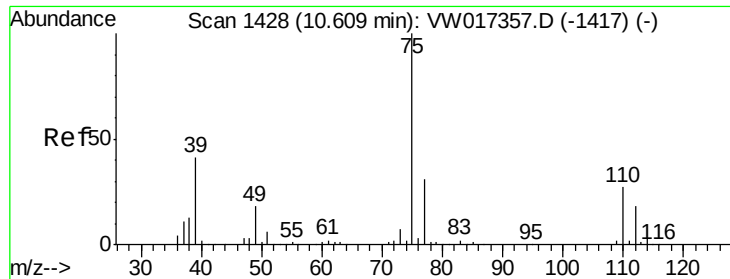
77 45.6 21.8 40.4#



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: 0.323 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

Instrument :

MSVOA_W

ClientSampleId :

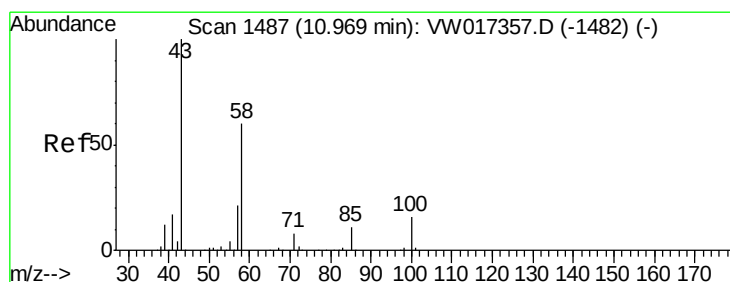
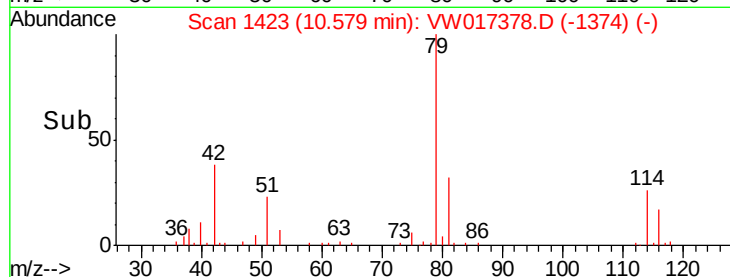
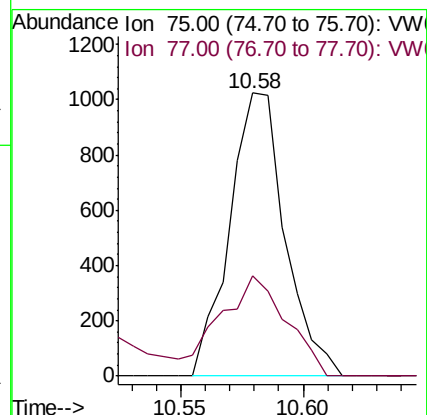
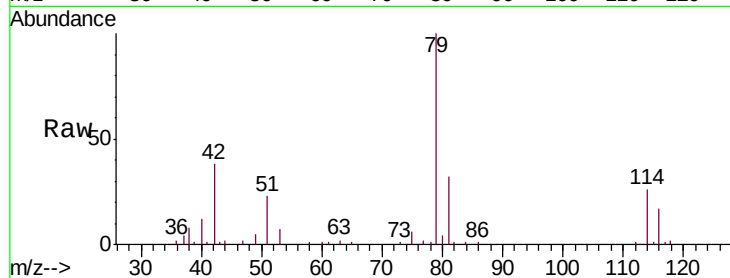
C0AX0

Tgt Ion: 75 Resp: 1617

Ion Ratio Lower Upper

75 100

77 35.3 22.0 40.8



#49

2-Hexanone

Concen: 2.672 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017378.D

Acq: 19 Nov 2020 17:43

Tgt Ion: 43 Resp: 3038

Ion Ratio Lower Upper

43 100

58 31.8 49.4 74.0#

57 28.5 17.0 25.4#

100 1.0 13.1 19.7#

