

Data File : VW017406.D
Acq On : 20 Nov 2020 10:54
Operator : SY/VA
Sample : VW1120SBL01
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VBLK08

Quant Time: Nov 21 00:31:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	333181	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	302096	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111620	22.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.52%
7) Chloroethane-d5	2.89	69	95306	24.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.28%
10) 1,1-Dichloroethene-d2	4.01	63	148841	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	7.10	46	35645	44.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.00%
24) Chloroform-d	7.65	84	207471	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	8.31	65	103086	24.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.48%
29) Benzene-d6	8.27	84	411049	24.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.56%
33) 1,2-Dichloropropane-d6	9.27	67	111930	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.68%
37) Toluene-d8	10.33	98	390458	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.40%
38) trans-1,3-Dichloropropene-	10.58	79	45195	22.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.52%
39) 2-Hexanone-d5	10.93	63	26831	44.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83071	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	134536	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

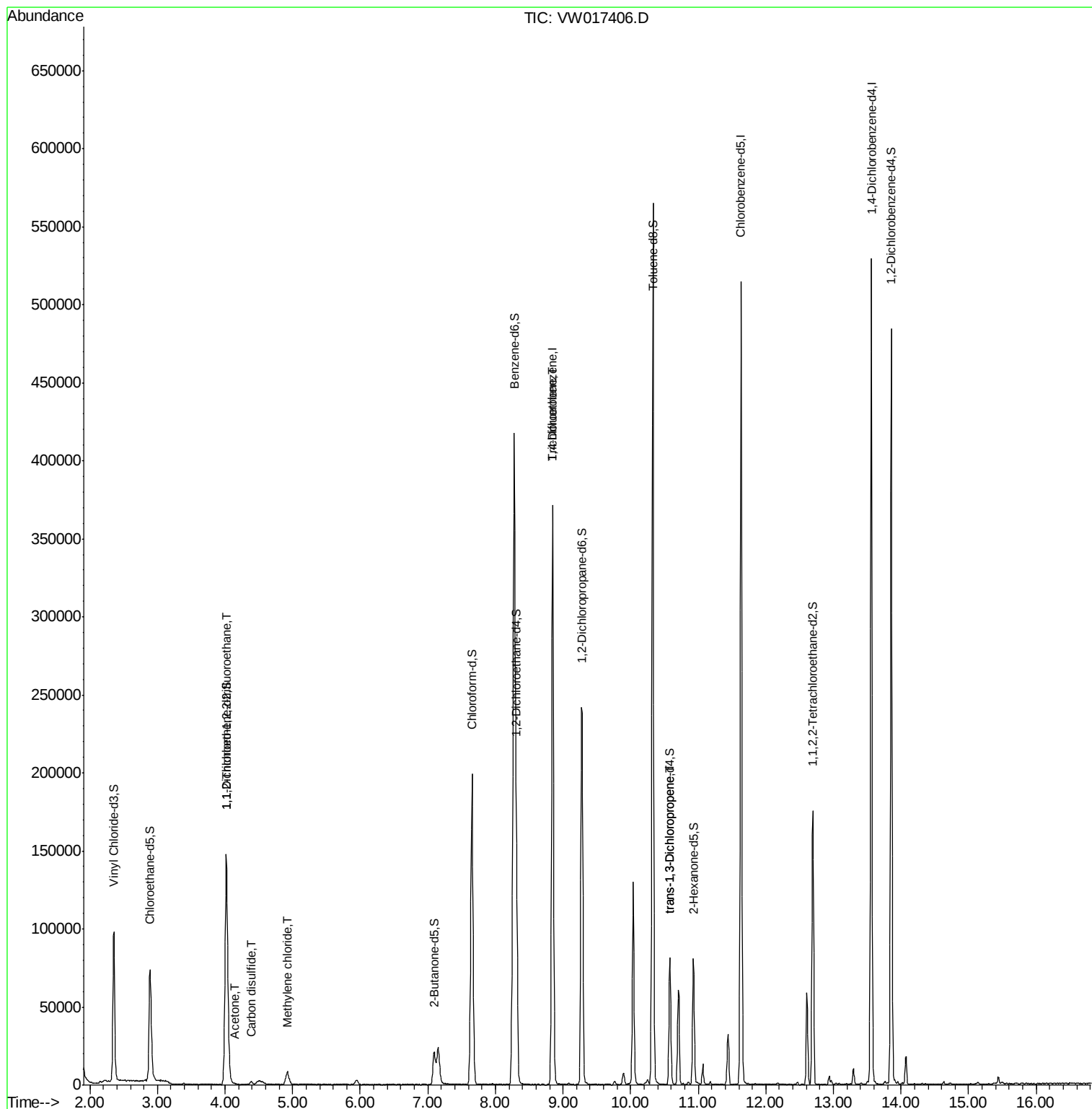
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1550	0.339	ug/L #	16
13) Acetone	4.15	43	290	0.491	ug/L	44
14) Carbon disulfide	4.39	76	4236	0.329	ug/L #	79
16) Methylene chloride	4.92	84	3751	0.658	ug/L	92
35) Trichloroethene	8.84	95	9649	1.999	ug/L #	3
45) trans-1,3-Dichloropropene	10.58	75	2264	0.446	ug/L	87

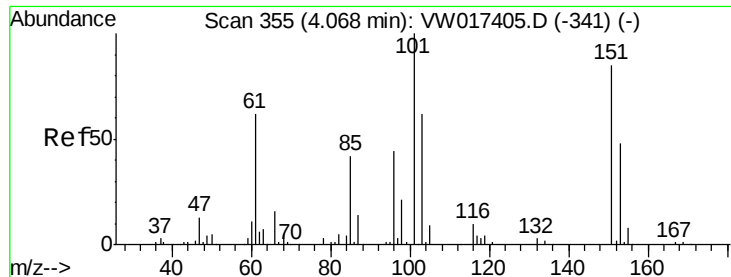
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

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

Concen: 0.339 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

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Instrument :

MSVOA_W

ClientSampled :

VBLK08

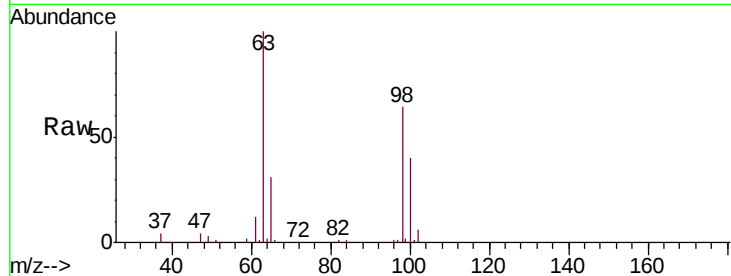
Tgt Ion: 101 Resp: 1550

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

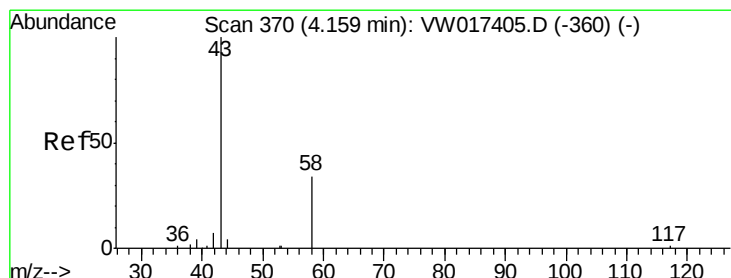
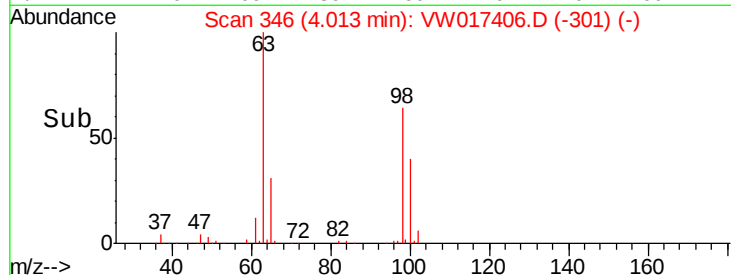
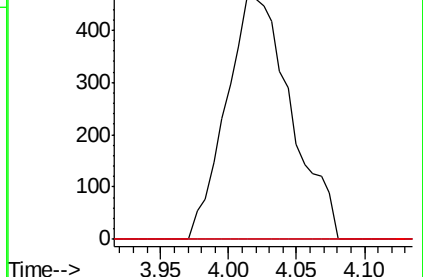
151 0.0 66.3 99.5#



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



#13

Acetone

Concen: 0.491 ug/L

RT: 4.15 min Scan# 368

Delta R.T. -0.01 min

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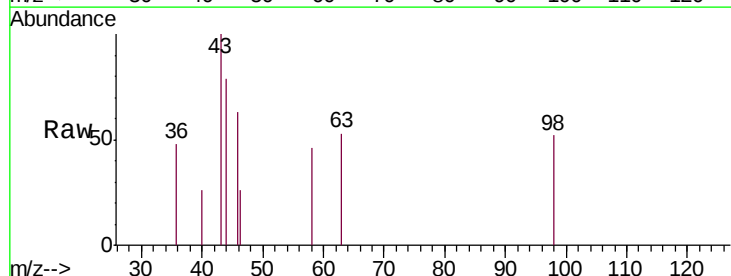
Acq: 20 Nov 2020 10:54

Tgt Ion: 43 Resp: 290

Ion Ratio Lower Upper

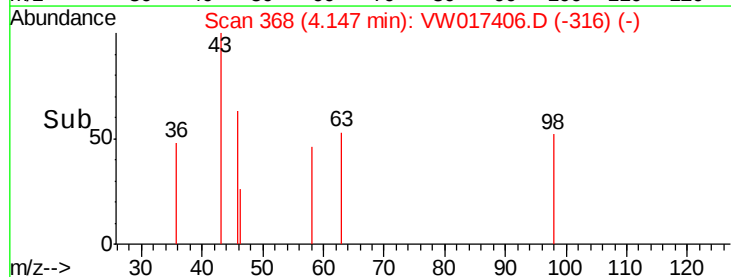
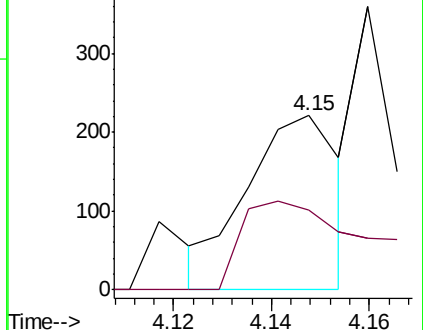
43 100

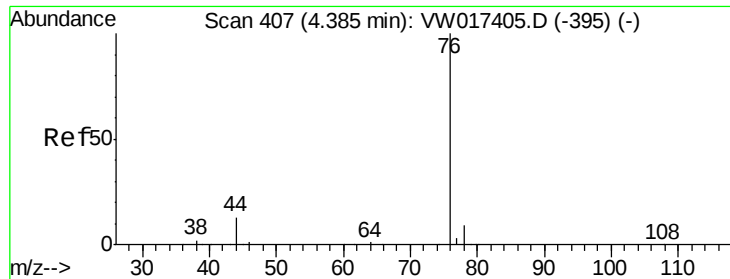
58 65.5 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#14

Carbon disulfide

Concen: 0.329 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

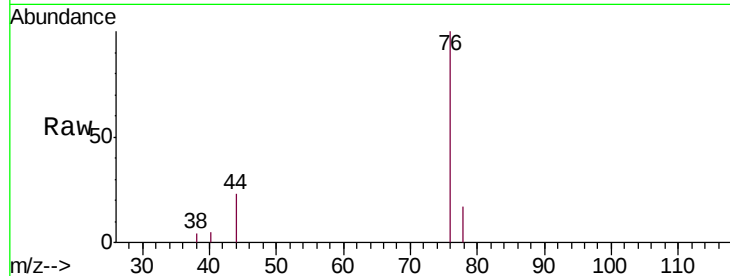
VBLK08

Tgt Ion: 76 Resp: 4236

Ion Ratio Lower Upper

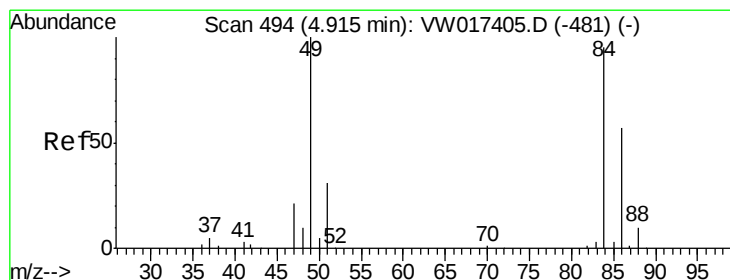
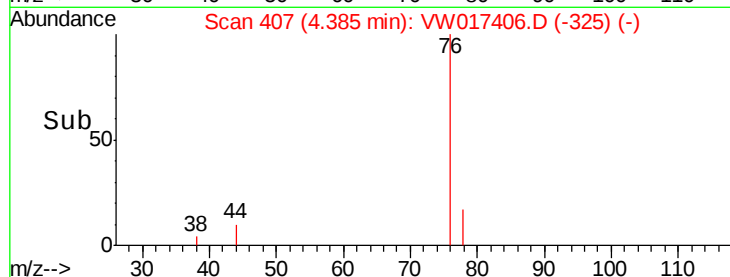
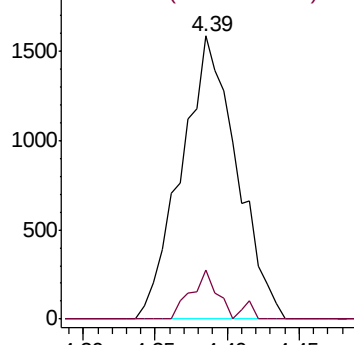
76 100

78 17.3 7.8 11.6#



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW



#16

Methylene chloride

Concen: 0.658 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW017406.D

Acq: 20 Nov 2020 10:54

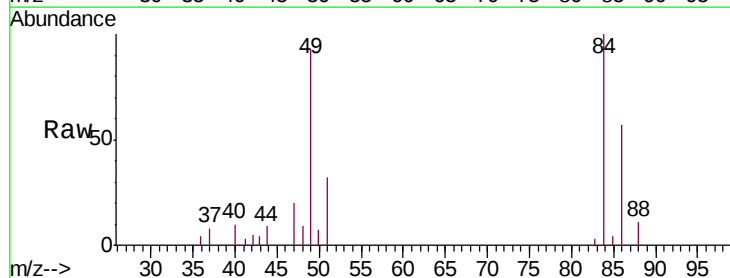
Tgt Ion: 84 Resp: 3751

Ion Ratio Lower Upper

84 100

49 93.2 71.5 132.9

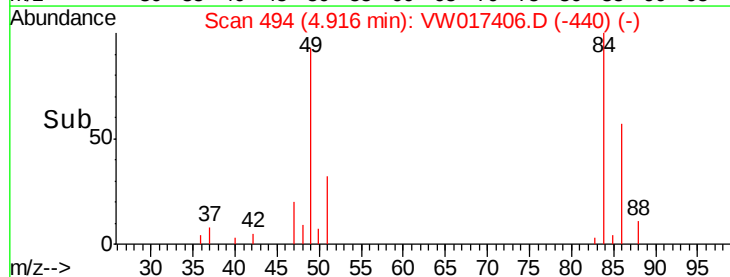
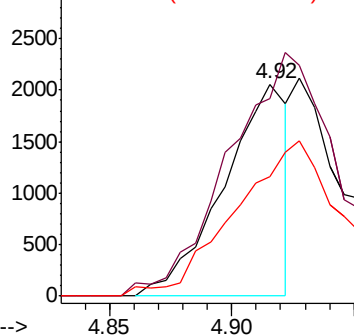
86 56.6 42.8 79.4

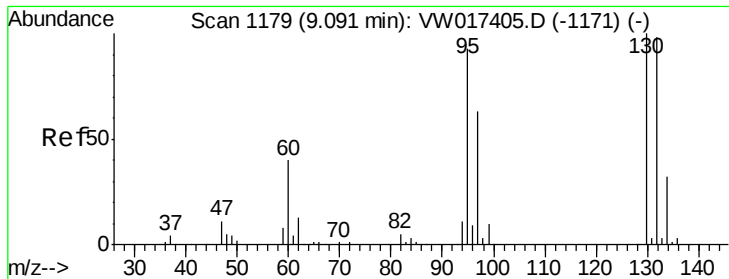


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.999 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

VBLK08

Tgt Ion: 95 Resp: 9649

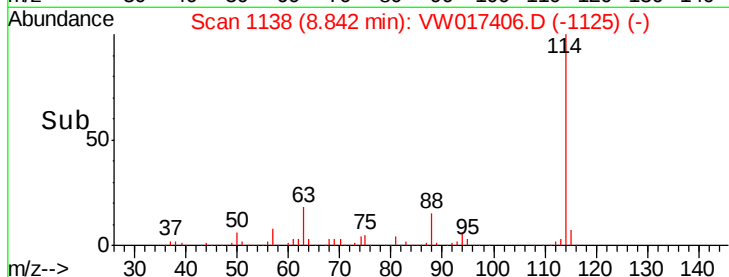
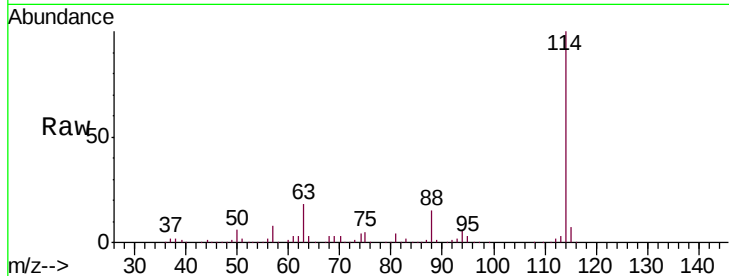
Ion Ratio Lower Upper

95 100

97 0.5 44.7 82.9#

132 0.6 72.7 134.9#

130 0.0 76.1 141.3#

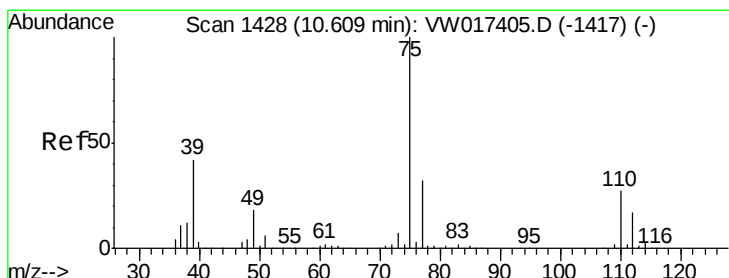
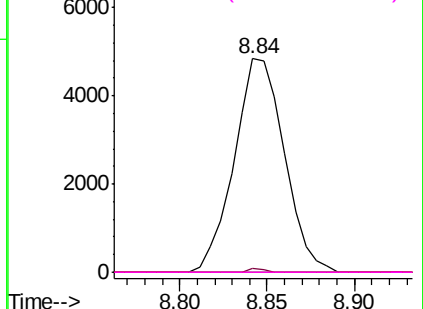


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#45

trans-1,3-Dichloropropene

Concen: 0.446 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017406.D

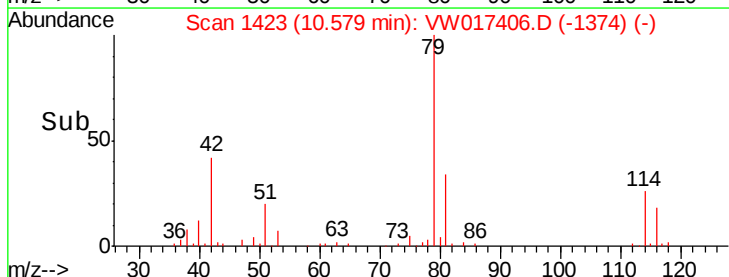
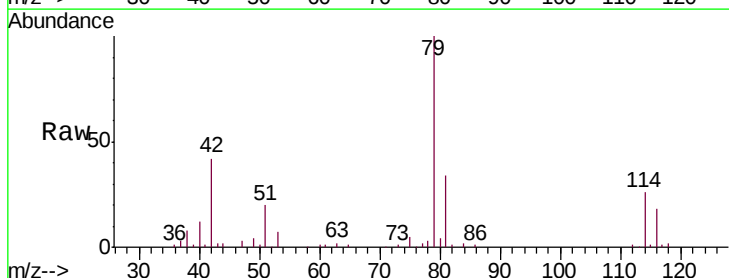
Acq: 20 Nov 2020 10:54

Tgt Ion: 75 Resp: 2264

Ion Ratio Lower Upper

75 100

77 38.6 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

