

Data File : VW017419.D
Acq On : 20 Nov 2020 15:59
Operator : SY/VA
Sample : L4819-10
Misc : 4.79G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BA1

Quant Time: Nov 21 00:33:22 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	301734	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	278410	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	123045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	95049	21.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.12%
7) Chloroethane-d5	2.89	69	78829	22.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.88%
10) 1,1-Dichloroethene-d2	4.02	63	121182	15.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.04%
20) 2-Butanone-d5	7.07	46	32153	43.83	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.66%
24) Chloroform-d	7.65	84	171442	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.31	65	87590	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.48%
29) Benzene-d6	8.27	84	333731	21.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.04%
33) 1,2-Dichloropropane-d6	9.27	67	91486	21.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.52%
37) Toluene-d8	10.32	98	308844	20.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.60%
38) trans-1,3-Dichloropropene-	10.58	79	37377	20.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.12%
39) 2-Hexanone-d5	10.93	63	25262	45.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.12%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75613	23.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	102147	22.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.96%

Target Compounds

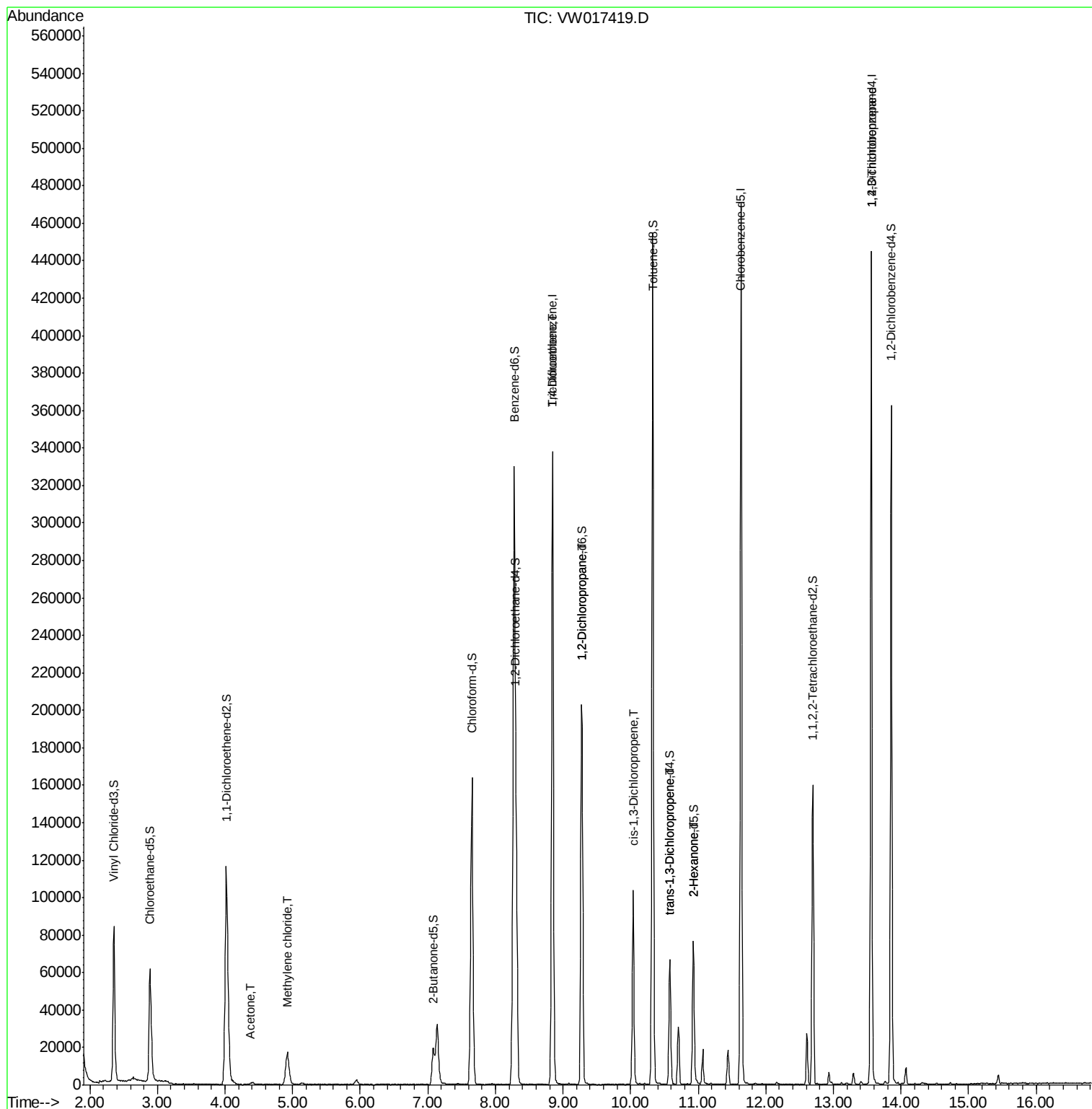
					Qvalue
13) Acetone	4.37	43	197	0.368 ug/L	63
16) Methylene chloride	4.92	84	15855	3.072 ug/L	91
35) Trichloroethene	8.84	95	8800	1.978 ug/L #	2
40) 1,2-Dichloropropane	9.28	63	11033	3.101 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	2948	0.534 ug/L #	79
45) trans-1,3-Dichloropropene	10.58	75	1857	0.397 ug/L	93
49) 2-Hexanone	10.93	43	3543	3.334 ug/L #	65
59) 1,2,3-Trichloropropane	13.56	75	12942	5.903 ug/L	98

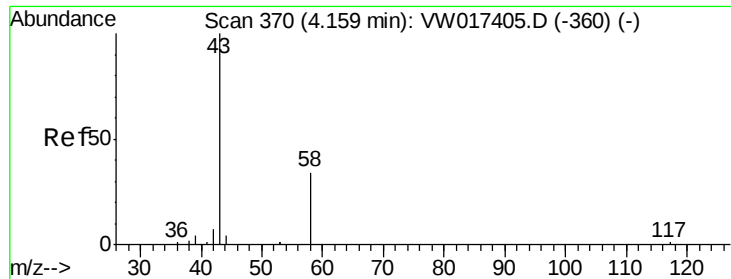
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.368 ug/L

RT: 4.37 min Scan# 405

Delta R.T. 0.21 min

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Instrument :

MSVOA_W

ClientSampleId :

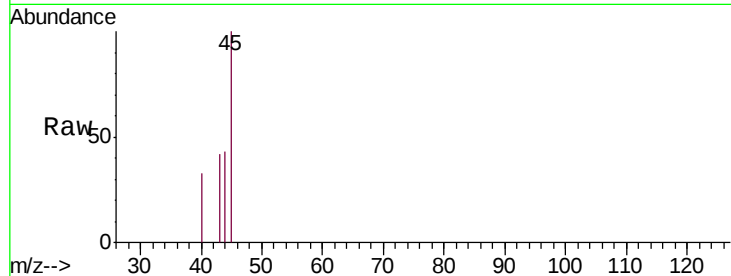
C0BA1

Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

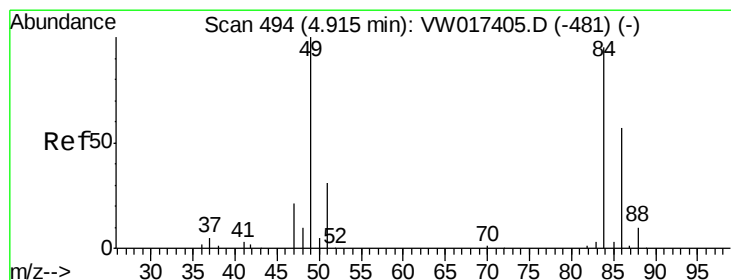
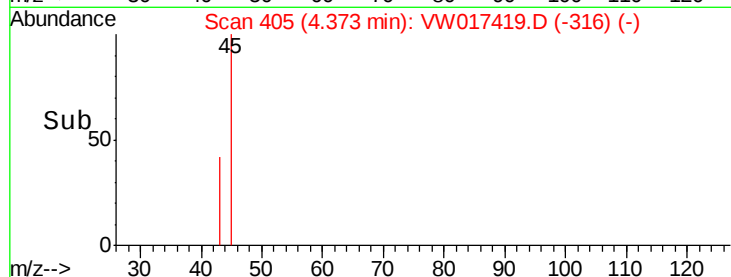
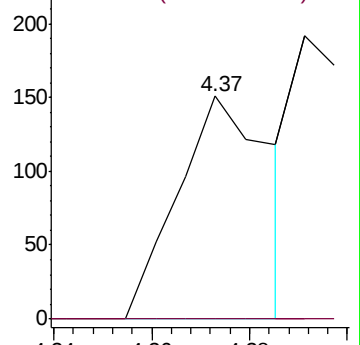
43 100

58 12.7 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 3.072 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Acq: 20 Nov 2020 15:59

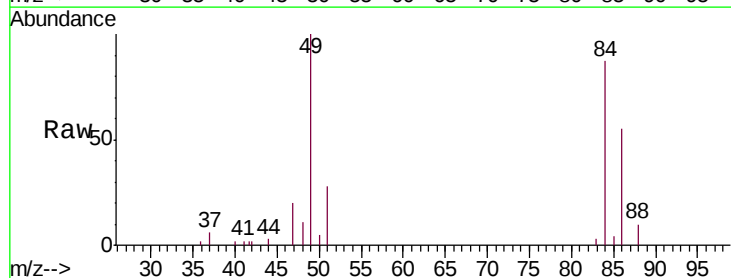
Tgt Ion: 84 Resp: 15855

Ion Ratio Lower Upper

84 100

49 114.4 71.5 132.9

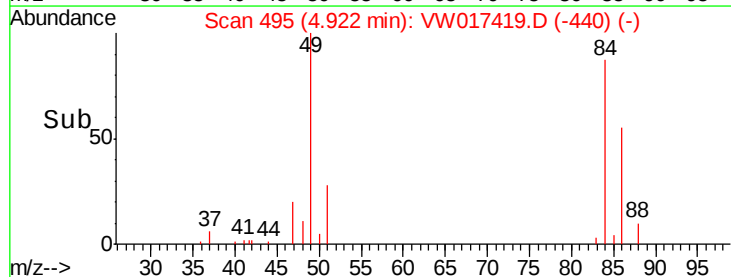
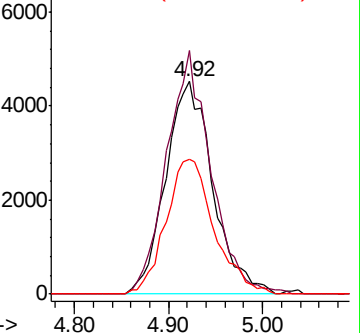
86 63.4 42.8 79.4

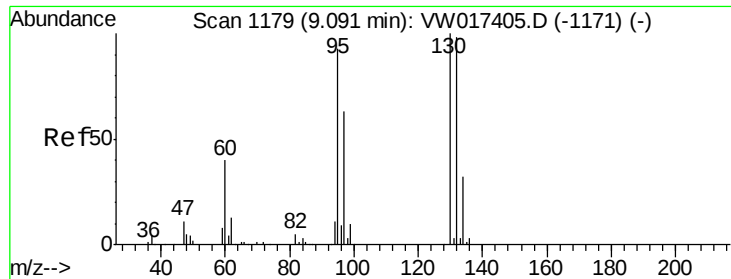


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 1.978 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

C0BA1

Tgt Ion: 95 Resp: 8800

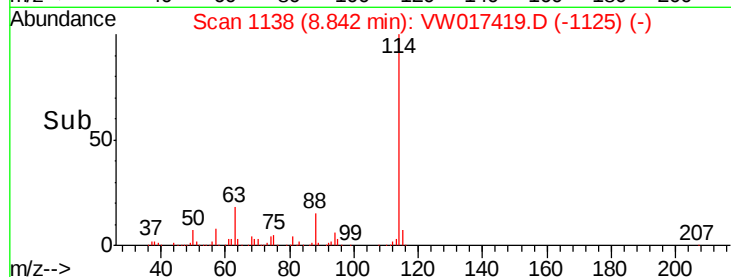
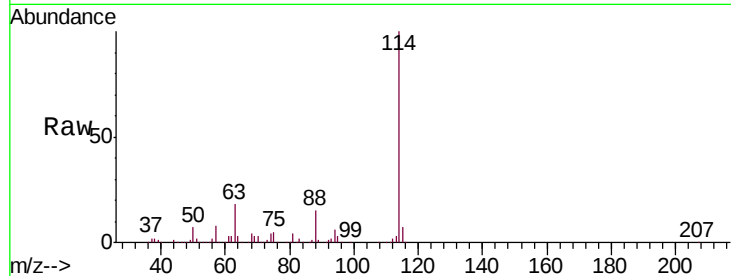
Ion Ratio Lower Upper

95 100

97 0.7 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

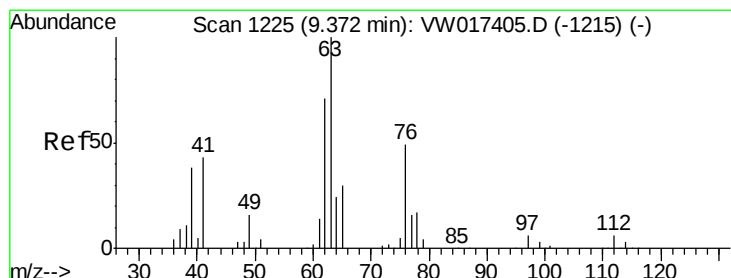
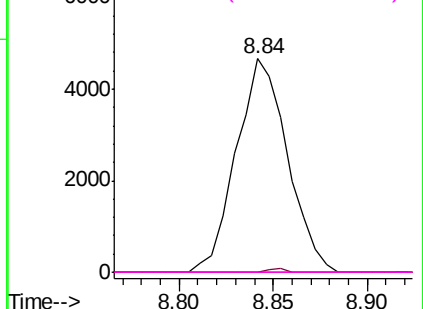


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.101 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017419.D

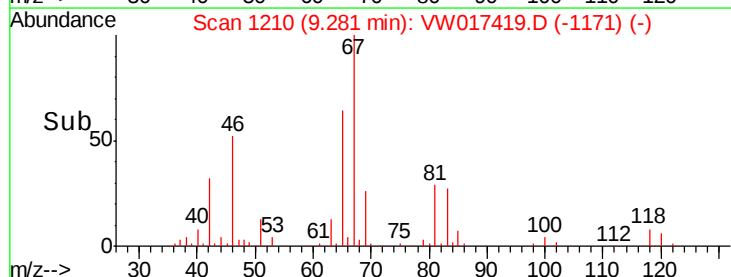
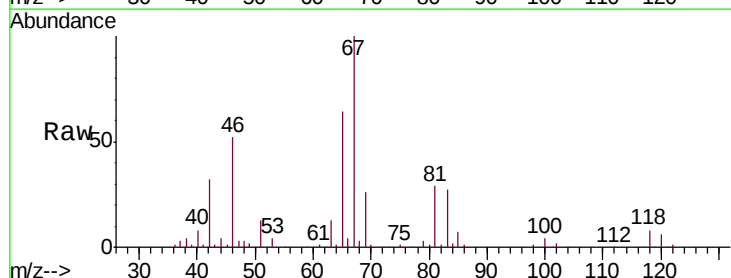
Acq: 20 Nov 2020 15:59

Tgt Ion: 63 Resp: 11033

Ion Ratio Lower Upper

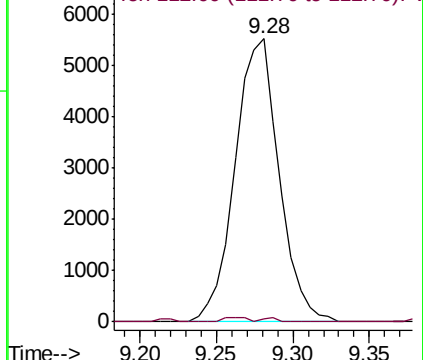
63 100

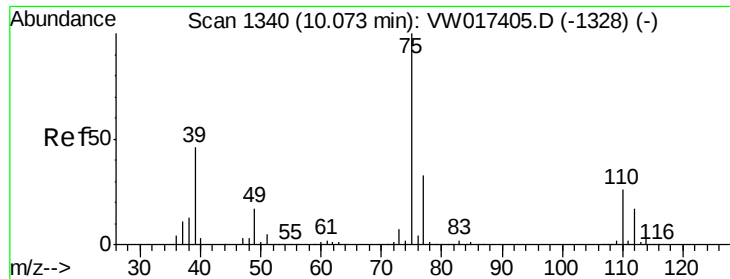
112 0.5 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.534 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017419.D

Acq: 20 Nov 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

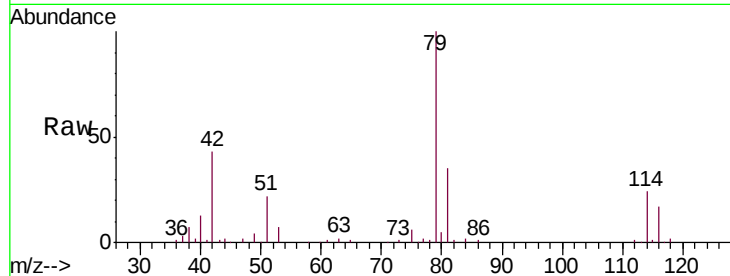
C0BA1

Tgt Ion: 75 Resp: 2948

Ion Ratio Lower Upper

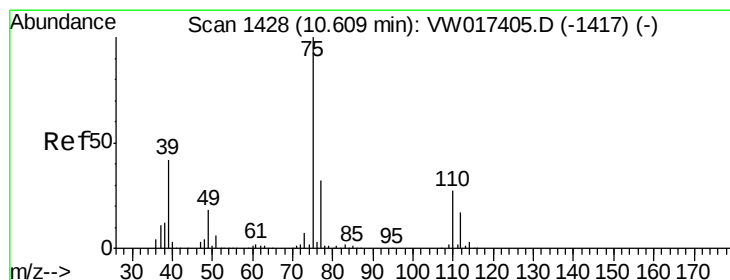
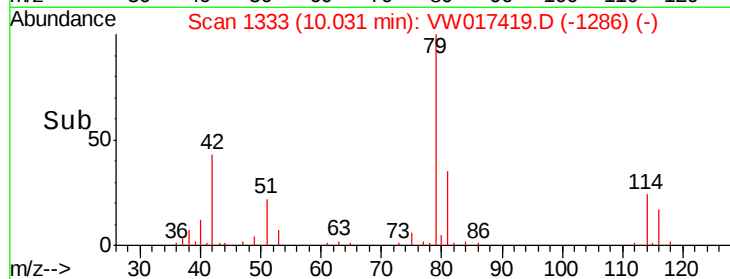
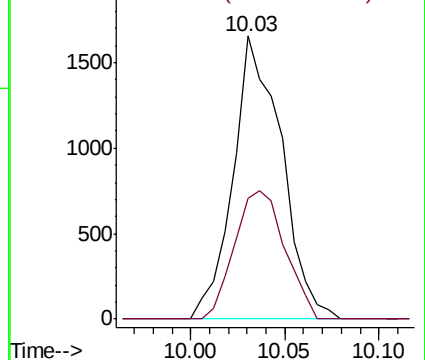
75 100

77 42.7 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: 0.397 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017419.D

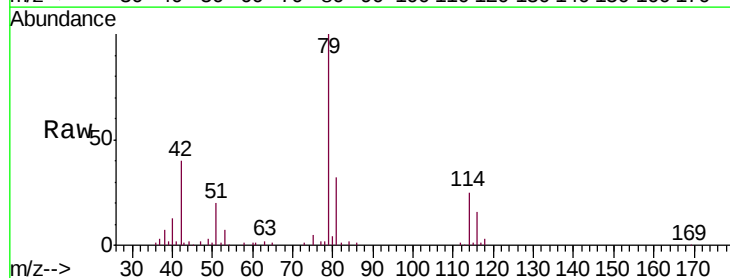
Acq: 20 Nov 2020 15:59

Tgt Ion: 75 Resp: 1857

Ion Ratio Lower Upper

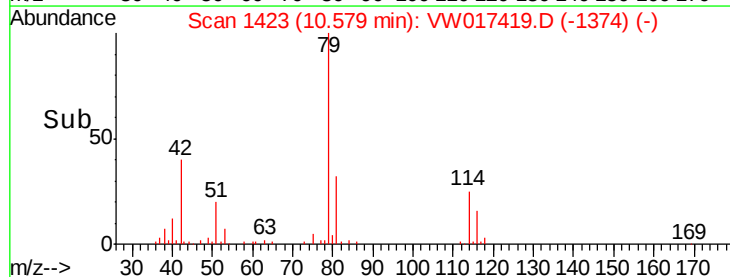
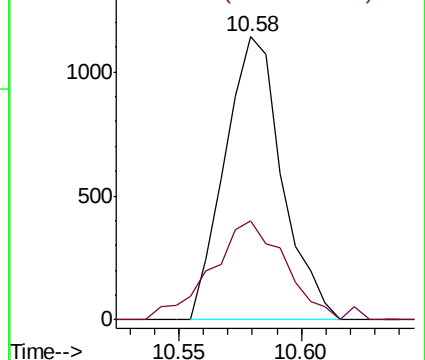
75 100

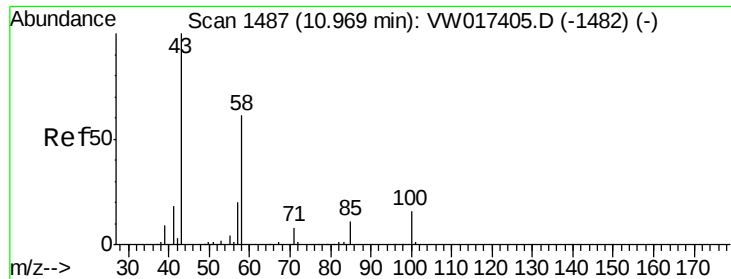
77 35.1 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 3.334 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017419.D

Acq: 20 Nov 2020 15:59

Instrument :

MSVOA_W

ClientSampleId :

C0BA1

Tgt Ion: 43 Resp: 3543

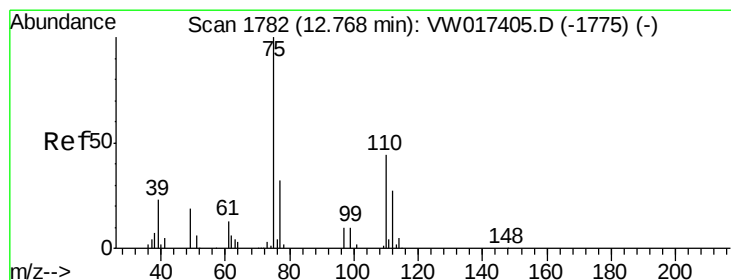
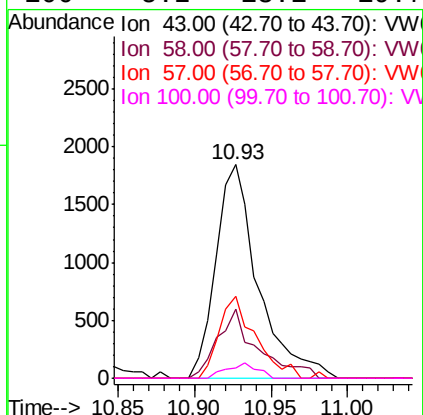
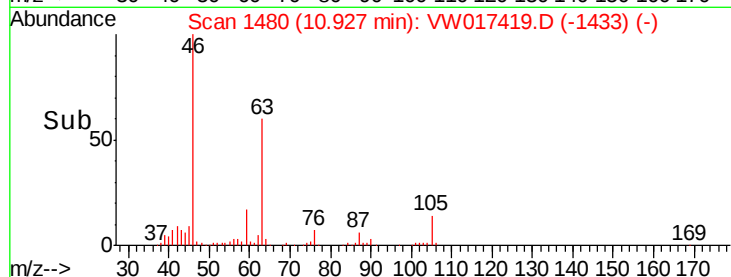
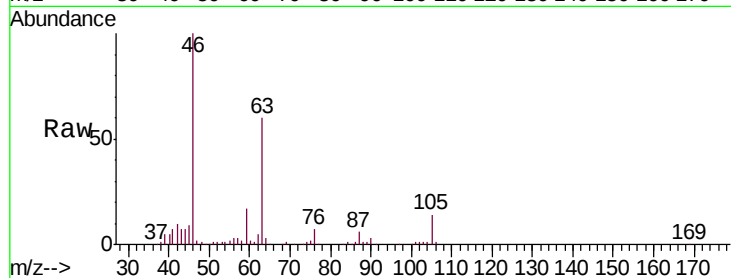
Ion Ratio Lower Upper

43 100

58 29.7 49.4 74.0#

57 31.7 17.0 25.4#

100 5.2 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 5.903 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017419.D

Acq: 20 Nov 2020 15:59

Tgt Ion: 75 Resp: 12942

Ion Ratio Lower Upper

75 100

77 34.5 26.6 40.0

