

Data File : VW017348.D
Acq On : 18 Nov 2020 23:23
Operator : SY/VA
Sample : L4749-16
Misc : 4.56G/14ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B15

Quant Time: Nov 19 05:08:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	347778	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263504	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76149	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	127963	24.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.40%
7) Chloroethane-d5	2.89	69	101564	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.32%
10) 1,1-Dichloroethene-d2	4.02	63	162793	18.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.28%
20) 2-Butanone-d5	7.08	46	25226	29.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.66%
24) Chloroform-d	7.65	84	217028	23.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	8.31	65	110325	24.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.96%
29) Benzene-d6	8.27	84	416178	28.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.08%
33) 1,2-Dichloropropane-d6	9.27	67	116954	29.55	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.20%
37) Toluene-d8	10.32	98	359687	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.88%
38) trans-1,3-Dichloropropene-	10.58	79	31178	18.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.40%
39) 2-Hexanone-d5	10.93	63	17567	33.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73895	24.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	67841	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

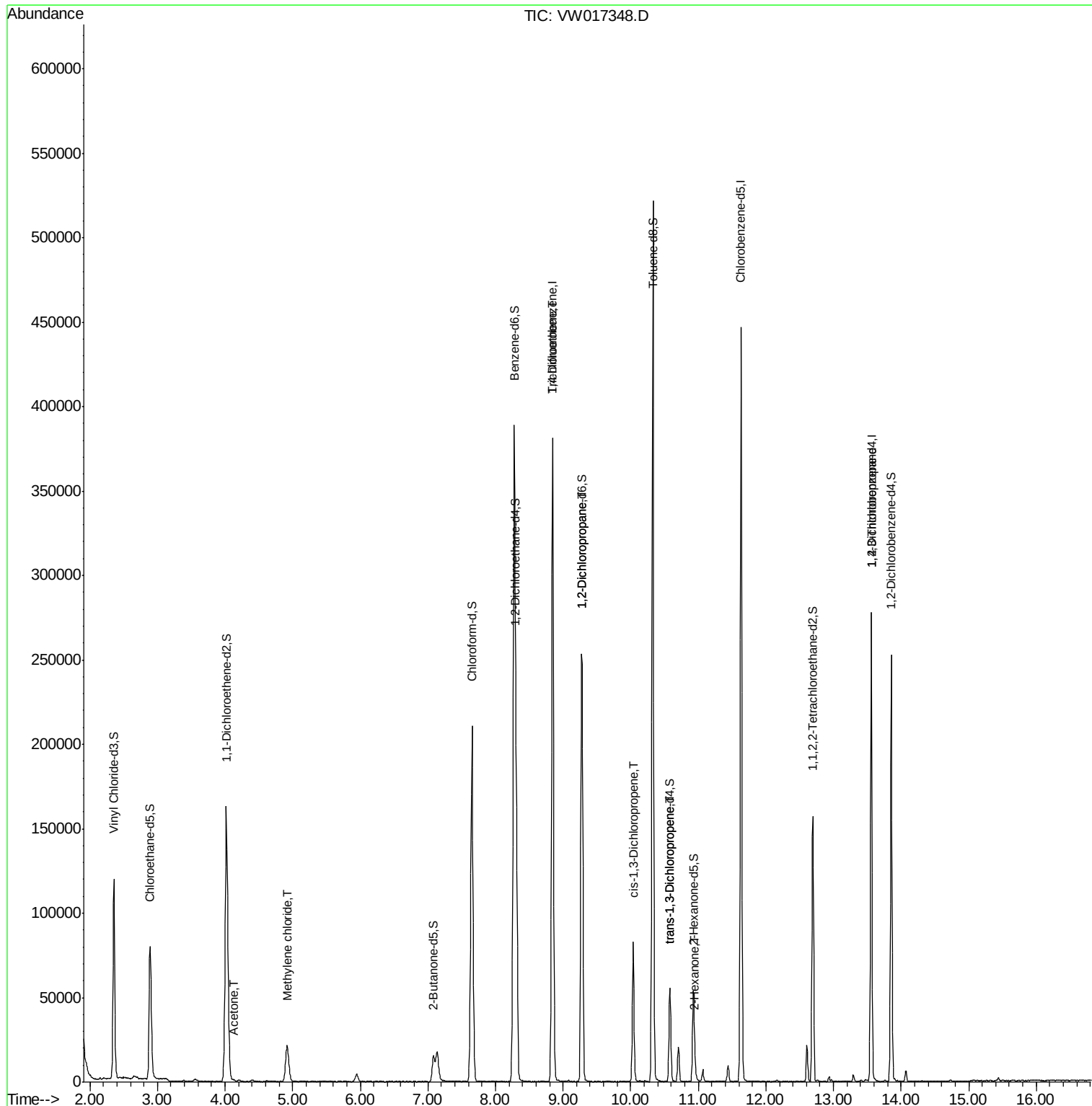
					Qvalue
13) Acetone	4.14	43	1299	2.106 ug/L	71
16) Methylene chloride	4.92	84	19391	3.260 ug/L	94
35) Trichloroethene	8.84	95	9833	2.335 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13793	4.096 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	2287	0.438 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	1559	0.352 ug/L #	76
49) 2-Hexanone	10.96	43	2909	2.892 ug/L #	37
59) 1,2,3-Trichloropropane	13.56	75	8413	4.055 ug/L	98

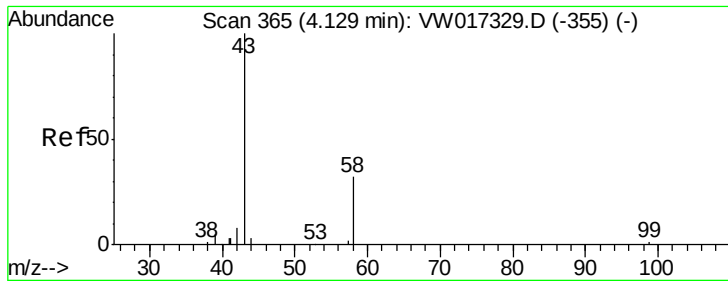
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.106 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 18 Nov 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

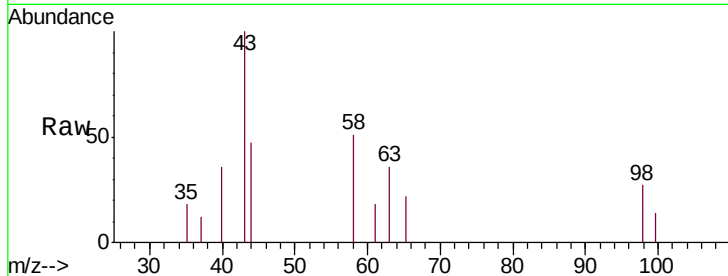
C0B15

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

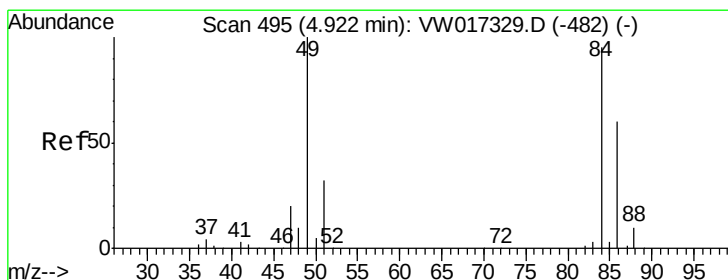
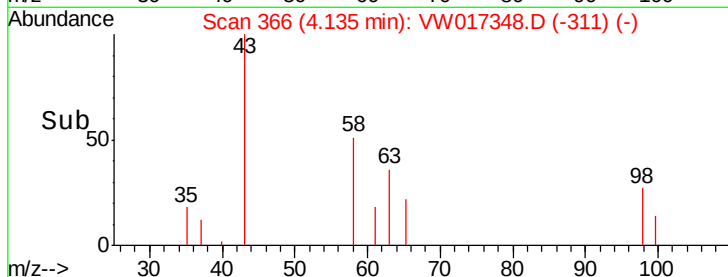
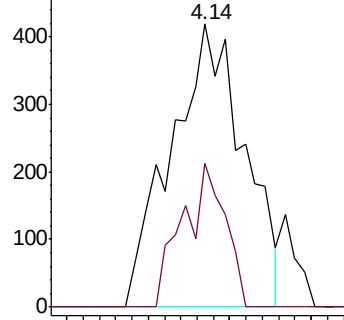
43 100

58 16.8 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: 3.260 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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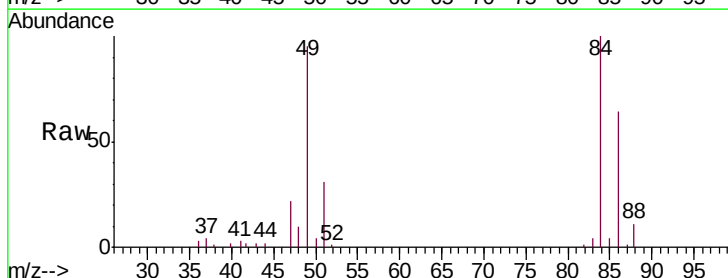
Tgt Ion: 84 Resp: 19391

Ion Ratio Lower Upper

84 100

49 94.8 71.5 132.9

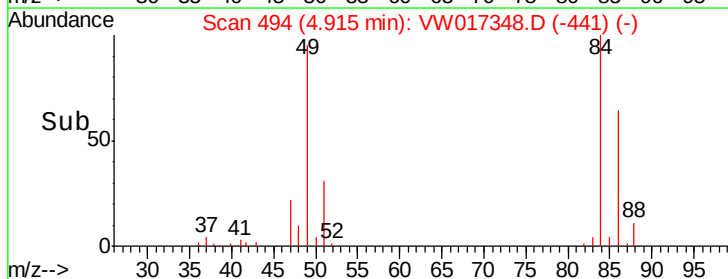
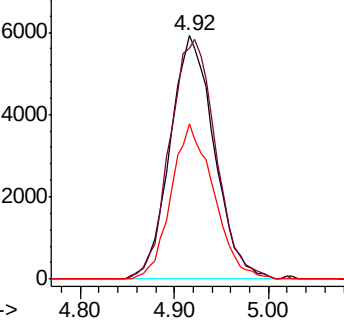
86 63.9 42.8 79.4

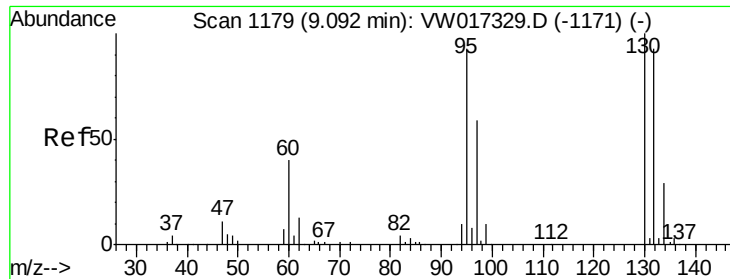


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.335 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

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Instrument :

MSVOA_W

ClientSampleId :

C0B15

Tgt Ion: 95 Resp: 9833

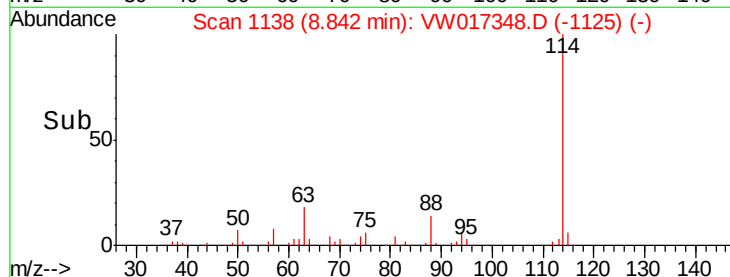
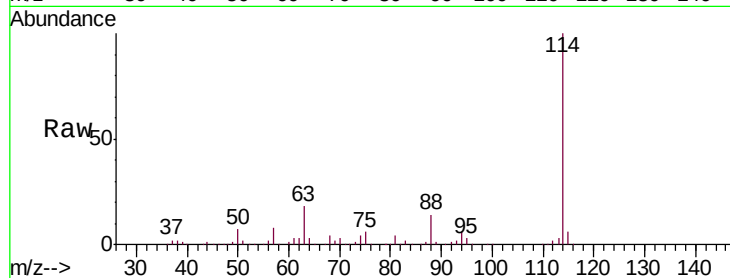
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

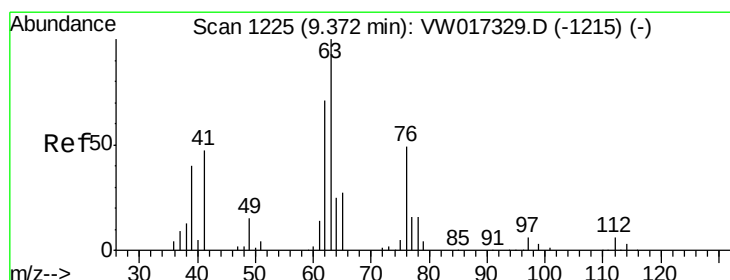
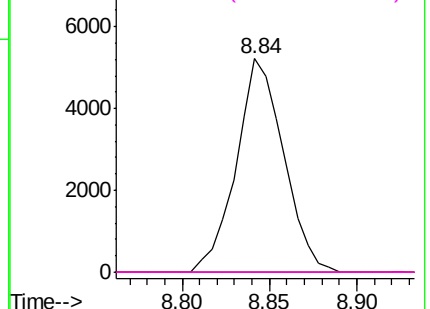


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 4.096 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017348.D

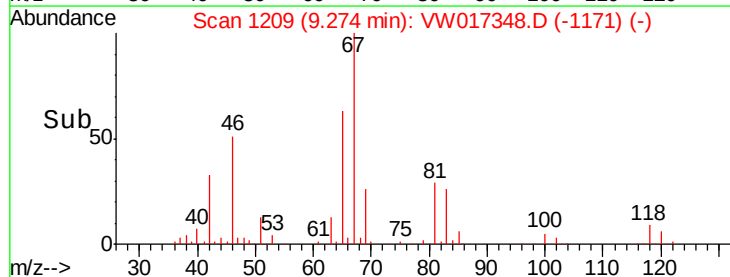
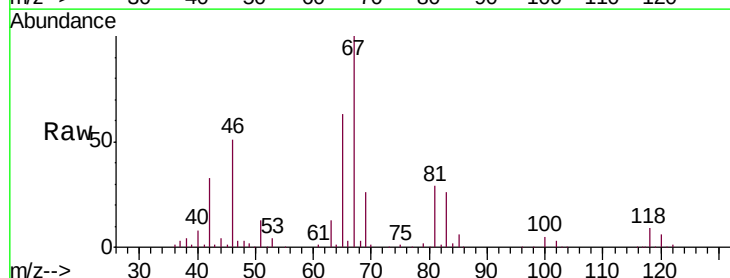
Acq: 18 Nov 2020 23:23

Tgt Ion: 63 Resp: 13793

Ion Ratio Lower Upper

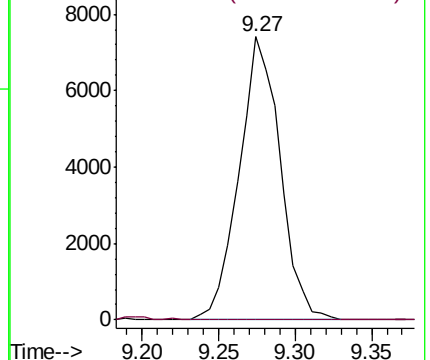
63 100

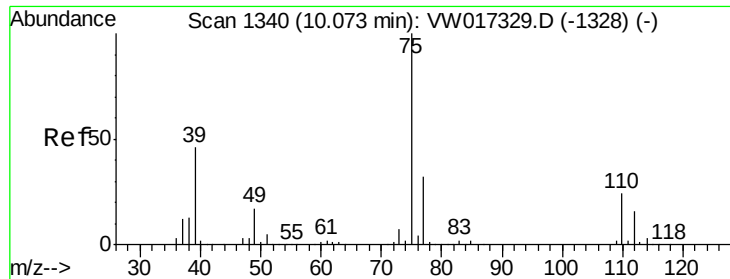
112 0.7 4.2 6.4#



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: 0.438 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017348.D

Acq: 18 Nov 2020 23:23

Instrument :

MSVOA_W

ClientSampleId :

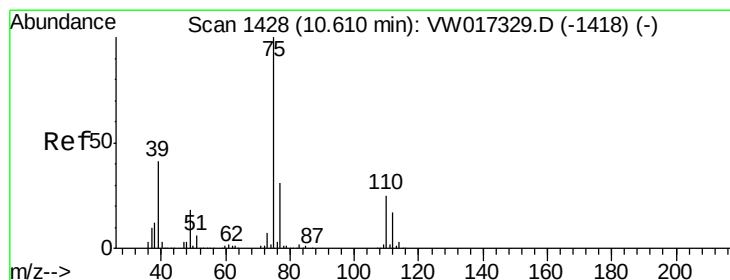
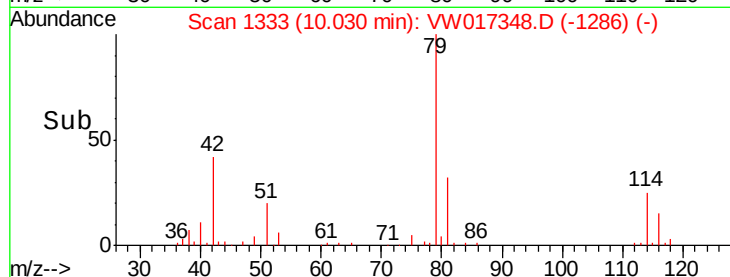
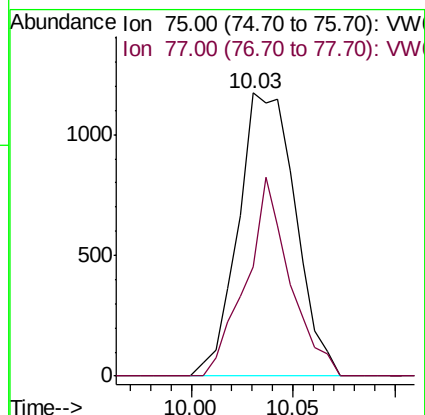
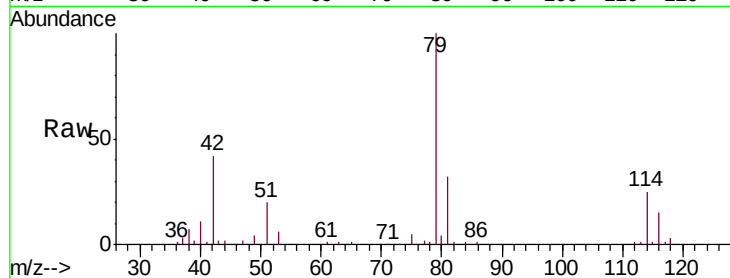
C0B15

Tgt Ion: 75 Resp: 2287

Ion Ratio Lower Upper

75 100

77 38.6 21.8 40.4



#45

trans-1,3-Dichloropropene

Concen: 0.352 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017348.D

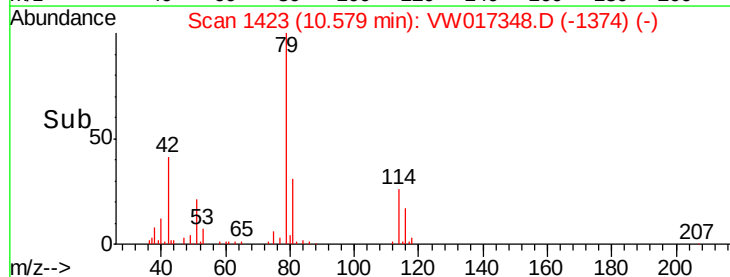
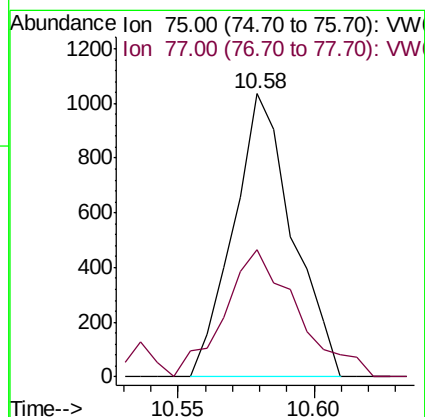
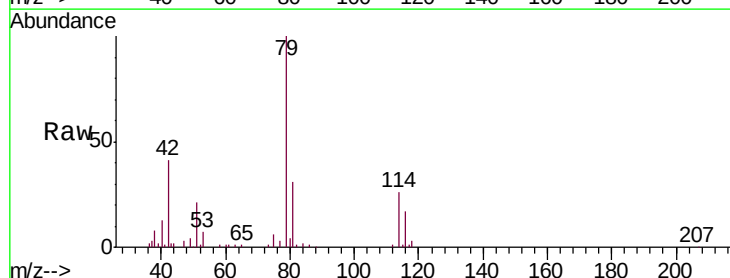
Acq: 18 Nov 2020 23:23

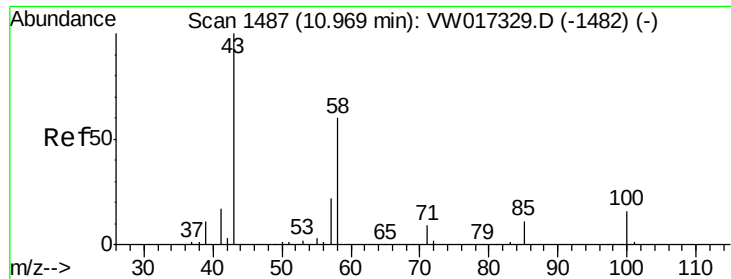
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 44.8 22.0 40.8#





#49

2-Hexanone

Concen: 2.892 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017348.D

Acq: 18 Nov 2020 23:23

Instrument :

MSVOA_W

ClientSampled :

C0B15

Tgt Ion: 43 Resp: 2909

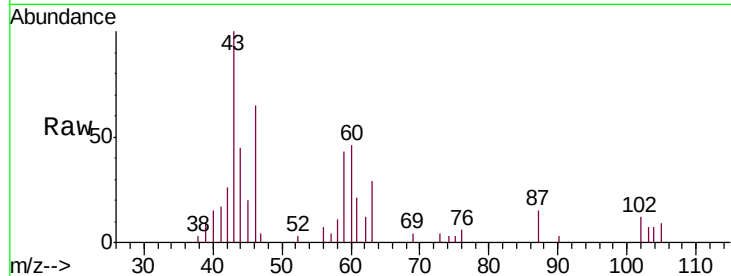
Ion Ratio Lower Upper

43 100

58 0.8 49.4 74.0#

57 4.6 17.0 25.4#

100 0.0 13.1 19.7#

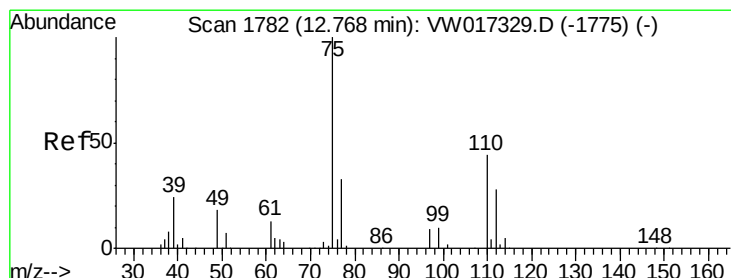
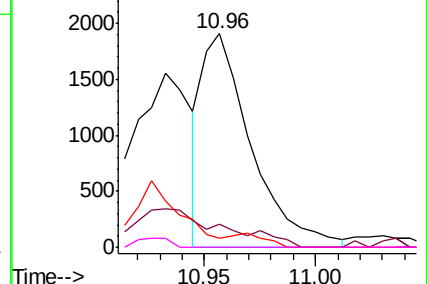
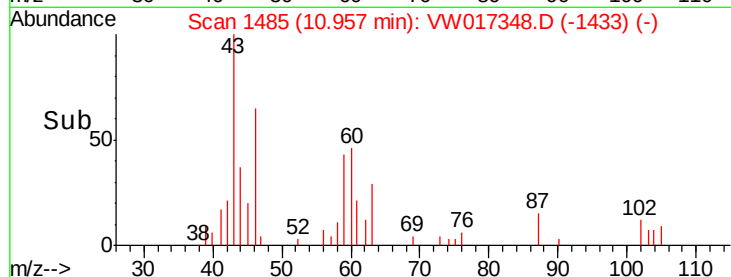


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.055 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017348.D

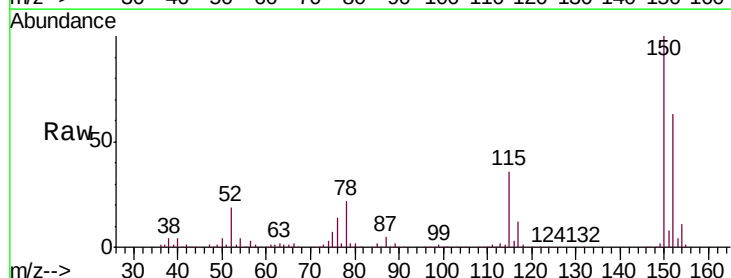
Acq: 18 Nov 2020 23:23

Tgt Ion: 75 Resp: 8413

Ion Ratio Lower Upper

75 100

77 32.3 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

