

Data File : VW017351.D
Acq On : 19 Nov 2020 00:33
Operator : SY/VA
Sample : L4749-19
Misc : 4.83G/14ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B18

Quant Time: Nov 19 05:08:35 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	322368	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	251123	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	73733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	111401	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
7) Chloroethane-d5	2.89	69	87868	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.02	63	134928	16.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.64%
20) 2-Butanone-d5	7.09	46	23201	29.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.20%
24) Chloroform-d	7.65	84	184336	21.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.08%
26) 1,2-Dichloroethane-d4	8.31	65	96545	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.28	84	354303	25.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.12%
33) 1,2-Dichloropropane-d6	9.27	67	99670	26.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.72%
37) Toluene-d8	10.33	98	301311	22.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.44%
38) trans-1,3-Dichloropropene-	10.59	79	26756	16.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.16%
39) 2-Hexanone-d5	10.93	63	15319	30.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67562	23.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	59487	21.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.40%

Target Compounds

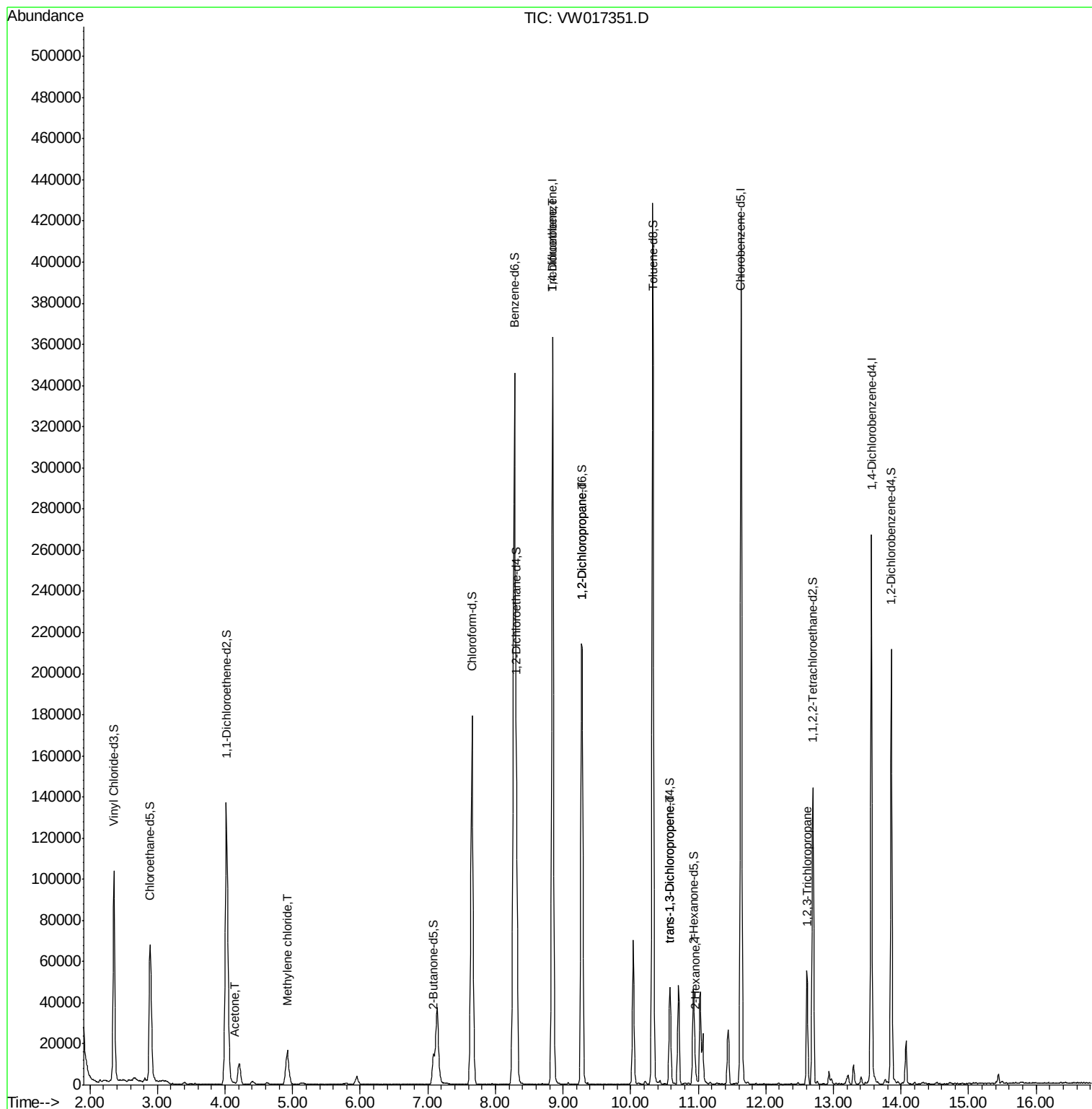
					Qvalue
13) Acetone	4.14	43	1346	2.354 ug/L	59
16) Methylene chloride	4.92	84	13618	2.470 ug/L	91
35) Trichloroethene	8.85	95	9413	2.346 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	12005	3.741 ug/L #	86
45) trans-1,3-Dichloropropene	10.58	75	1260	0.299 ug/L #	70
49) 2-Hexanone	10.96	43	3217	3.356 ug/L #	36
59) 1,2,3-Trichloropropane	12.61	75	428	0.216 ug/L	96

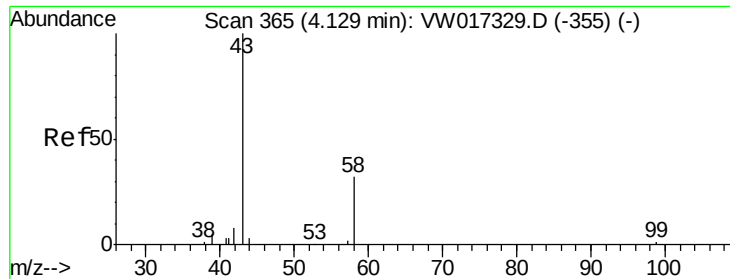
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.354 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017351.D

Acq: 19 Nov 2020 00:33

Instrument :

MSVOA_W

ClientSampled :

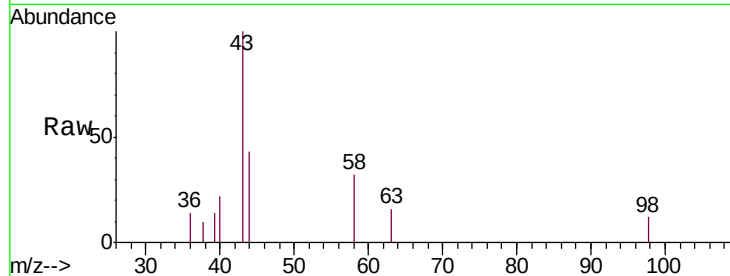
C0B18

Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

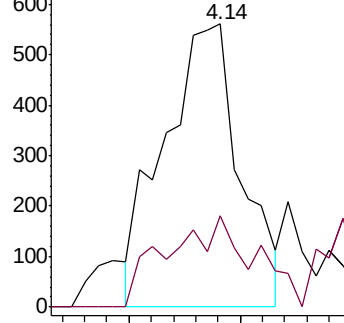
43 100

58 10.1 0.0 67.0

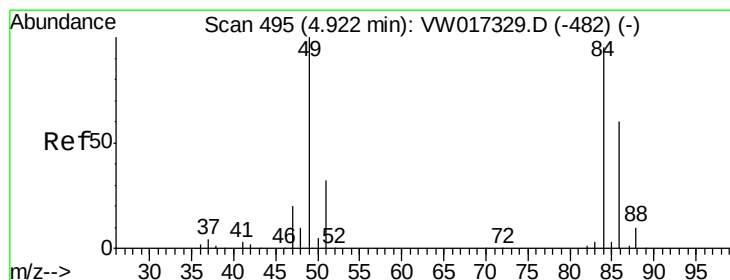
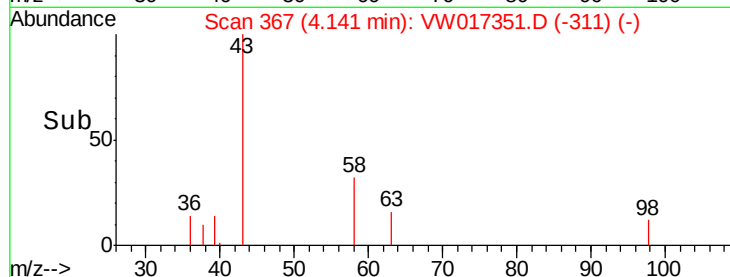


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 2.470 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017351.D

Acq: 19 Nov 2020 00:33

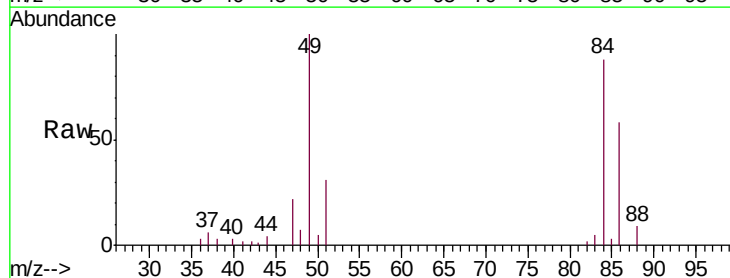
Tgt Ion: 84 Resp: 13618

Ion Ratio Lower Upper

84 100

49 113.6 71.5 132.9

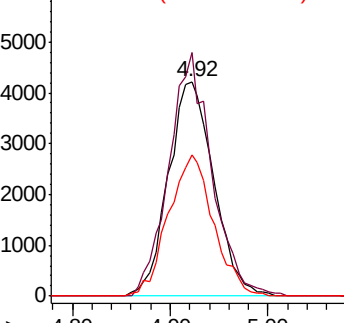
86 65.7 42.8 79.4



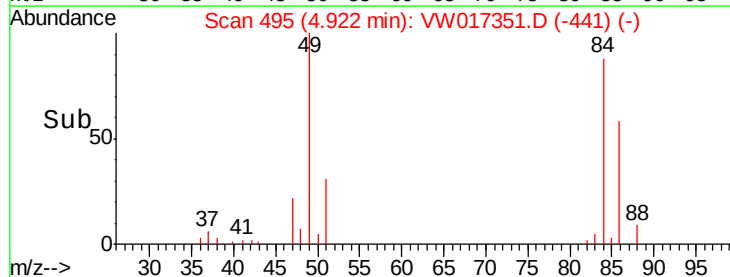
Abundance Ion 84.00 (83.70 to 84.70): VW

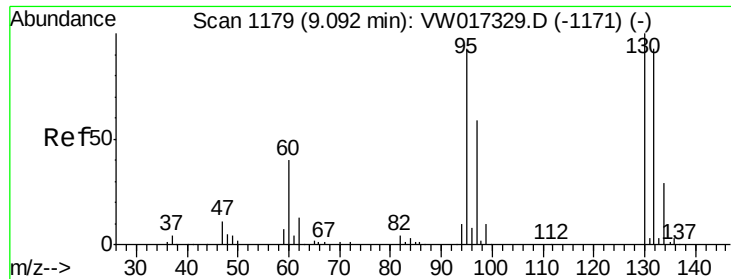
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->





#35

Trichloroethene

Concen: 2.346 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Acq: 19 Nov 2020 00:33

Instrument :

MSVOA_W

ClientSampleId :

C0B18

Tgt Ion: 95 Resp: 9413

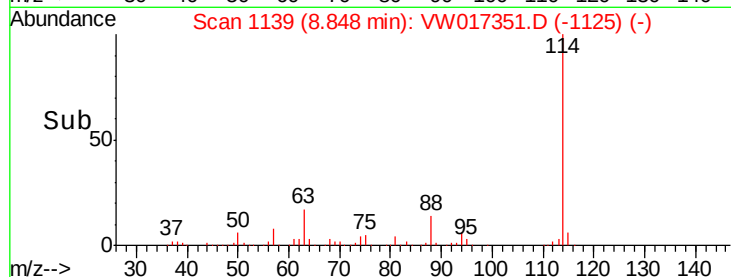
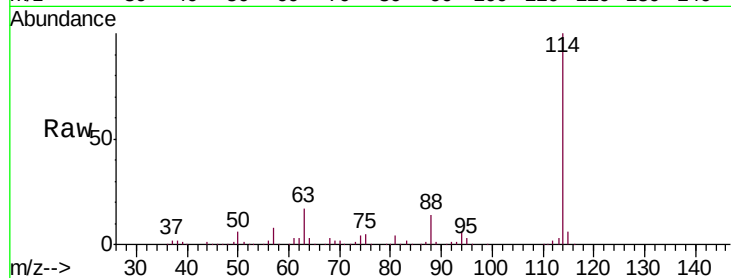
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

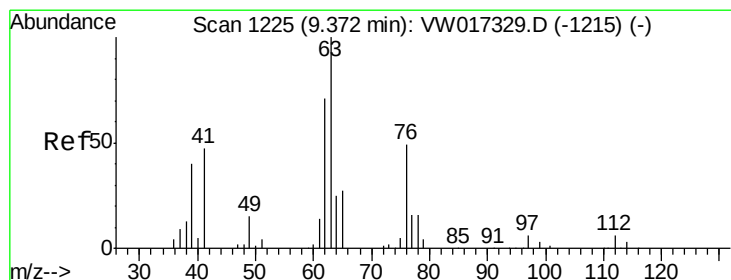
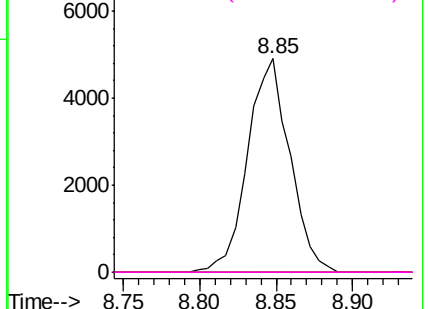


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.741 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW017351.D

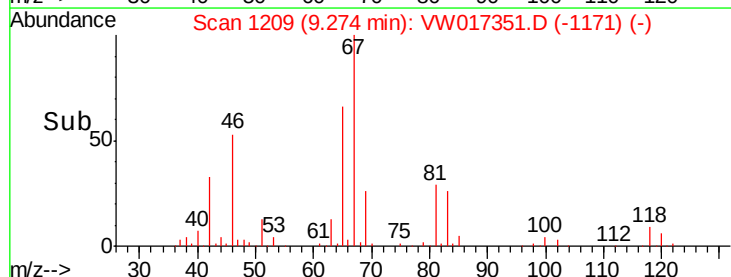
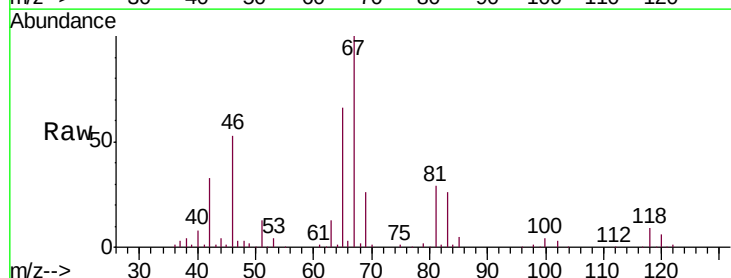
Acq: 19 Nov 2020 00:33

Tgt Ion: 63 Resp: 12005

Ion Ratio Lower Upper

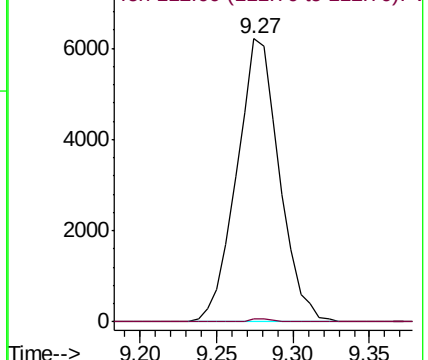
63 100

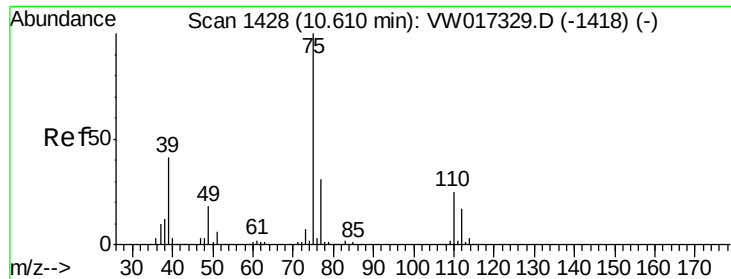
112 0.6 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.299 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017351.D

Acq: 19 Nov 2020 00:33

Instrument :

MSVOA_W

ClientSampleId :

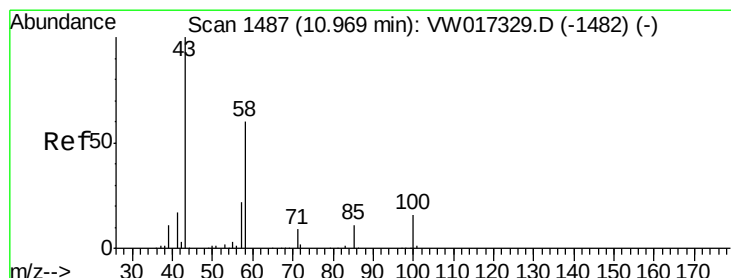
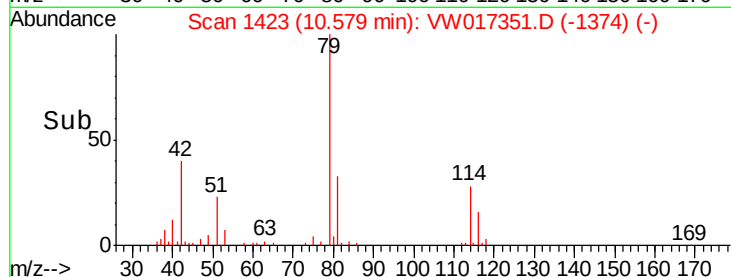
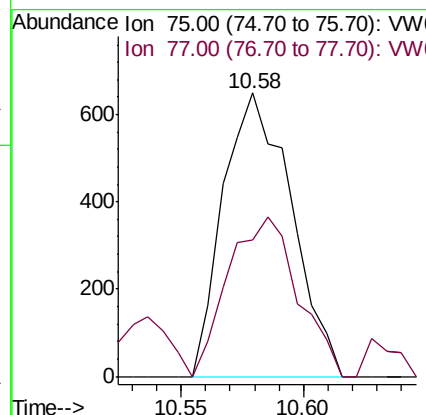
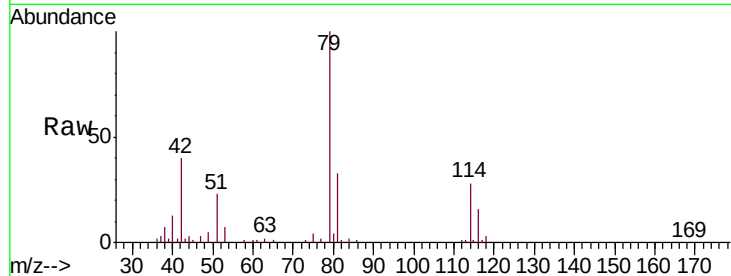
C0B18

Tgt Ion: 75 Resp: 1260

Ion Ratio Lower Upper

75 100

77 48.2 22.0 40.8#



#49

2-Hexanone

Concen: 3.356 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW017351.D

Acq: 19 Nov 2020 00:33

Tgt Ion: 43 Resp: 3217

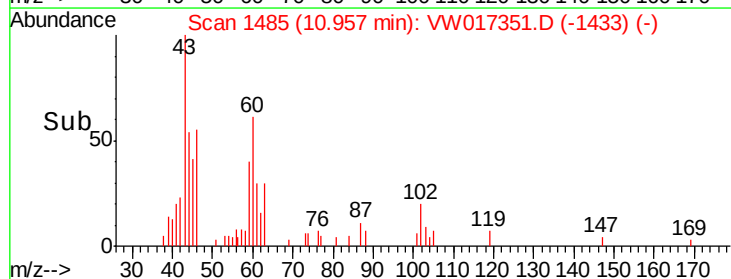
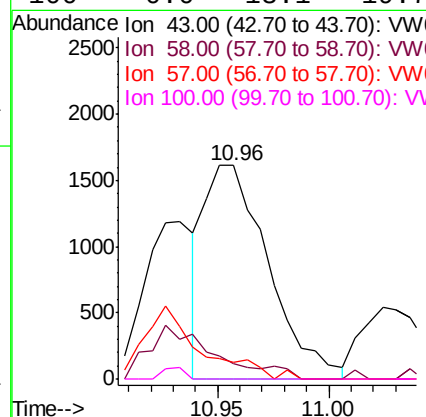
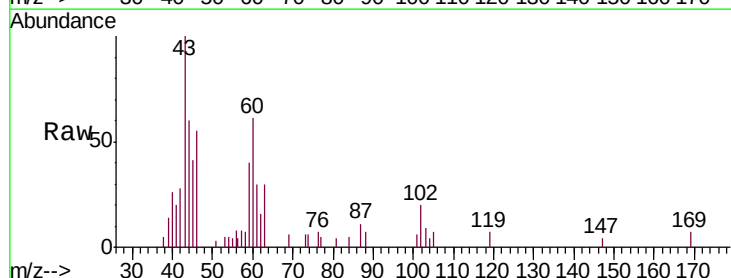
Ion Ratio Lower Upper

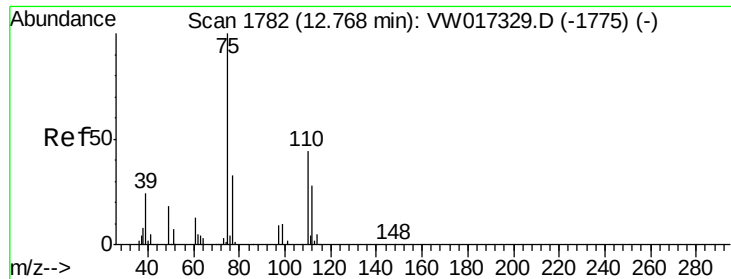
43 100

58 2.0 49.4 74.0#

57 0.8 17.0 25.4#

100 0.0 13.1 19.7#





#59

1,2,3-Trichloropropane

Concen: 0.216 ug/L

RT: 12.61 min Scan# 1756

Delta R.T. -0.16 min

Lab File: VW017351.D

Acq: 19 Nov 2020 00:33

Instrument :

MSVOA_W

ClientSampleId :

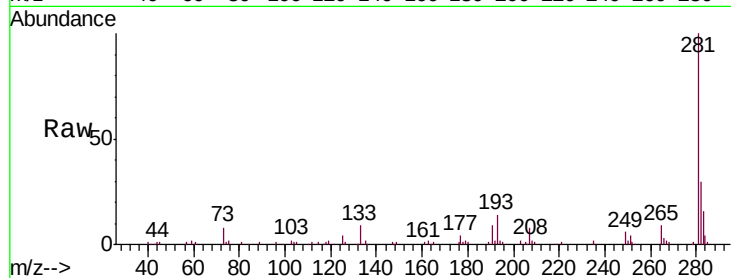
C0B18

Tgt Ion: 75 Resp: 428

Ion Ratio Lower Upper

75 100

77 35.5 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

12.61

300

200

100

0

Time-->

12.60

