

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011221\
 Data File : VW017832.D
 Acq On : 12 Jan 2021 13:54
 Operator : SY/VA
 Sample : M1074-16
 Misc : 4.29G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 13 03:22:00 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 08 21:58:14 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	309419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128025	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132828	27.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.96%
7) Chloroethane-d5	2.89	69	107379	27.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.72%
10) 1,1-Dichloroethene-d2	4.02	63	178372	21.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.52%
20) 2-Butanone-d5	7.07	46	39829	51.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.66%
24) Chloroform-d	7.65	84	213682	26.43	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.72%
26) 1,2-Dichloroethane-d4	8.31	65	119205	28.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.92%
29) Benzene-d6	8.27	84	430975	26.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.76%
33) 1,2-Dichloropropane-d6	9.27	67	121569	27.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.24%
37) Toluene-d8	10.32	98	406977	26.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.96%
38) trans-1,3-Dichloropropene-	10.58	79	49560	24.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.92%
39) 2-Hexanone-d5	10.93	63	27552	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81753	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	121005	27.14	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.56%

Target Compounds

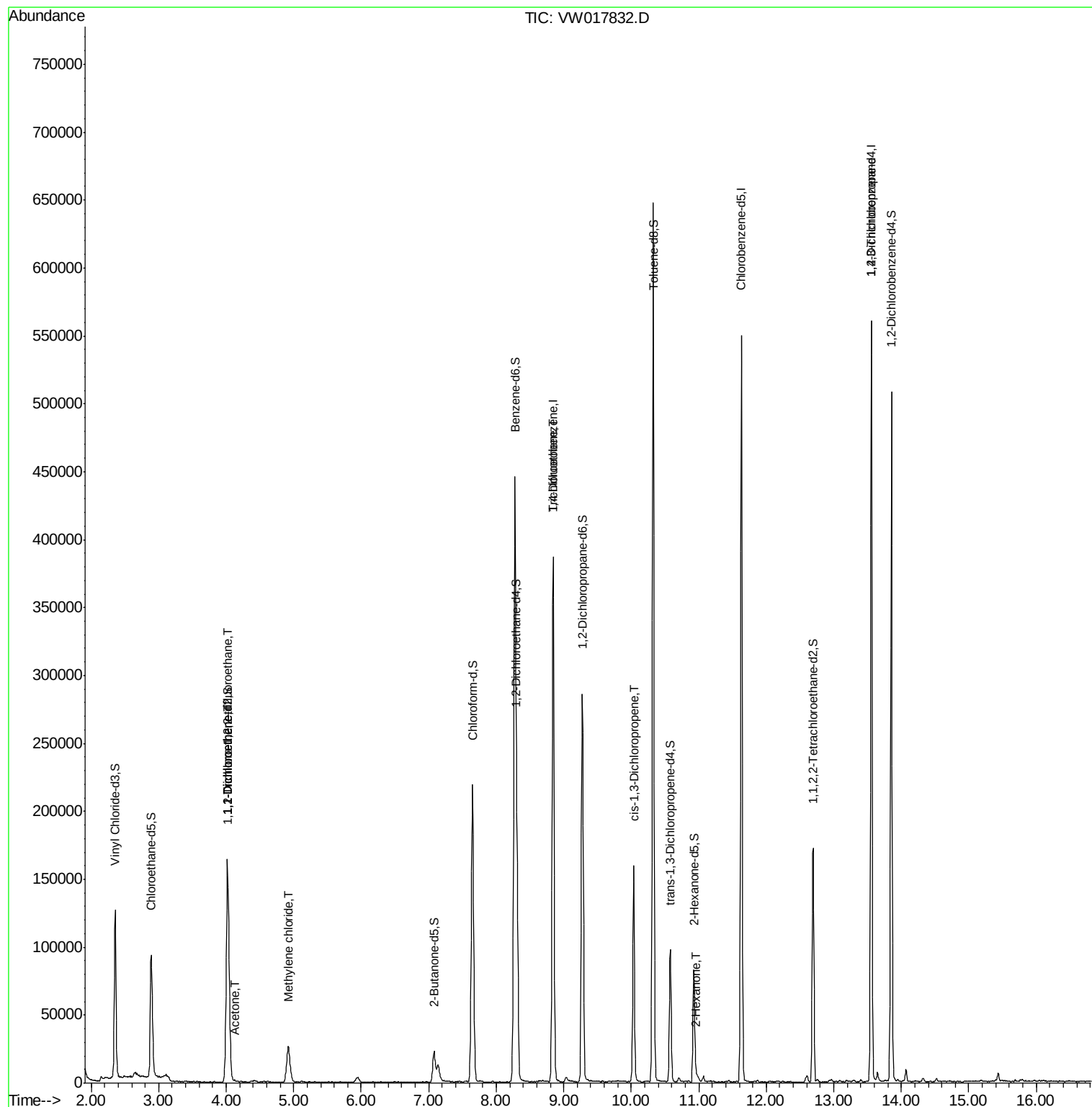
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	1662	0.423	ug/L #	20
12) 1,1-Dichloroethene	4.02	96	1329	0.349	ug/L #	1
13) Acetone	4.14	43	824	1.230	ug/L	93
16) Methylene chloride	4.92	84	21168	4.784	ug/L	94
35) Trichloroethene	8.85	95	10181	2.244	ug/L #	4
42) cis-1,3-Dichloropropene	10.04	75	4898	0.793	ug/L #	82
49) 2-Hexanone	10.97	43	1496	1.122	ug/L #	92
59) 1,2,3-Trichloropropane	13.55	75	19825	8.402	ug/L	96

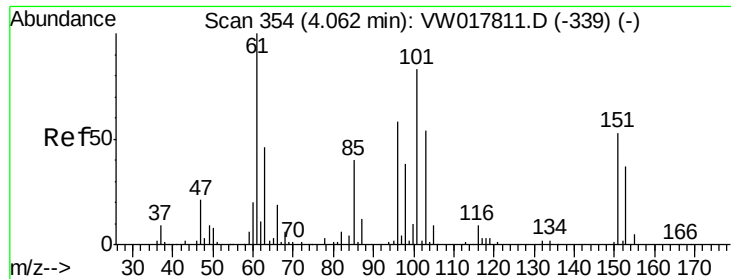
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 08 21:58:14 2021
Response via : Initial Calibration





#11

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

Concen: 0.423 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW017832.D

Acq: 12 Jan 2021 13:54

Instrument :

MSVOA_W

ClientSampleId :

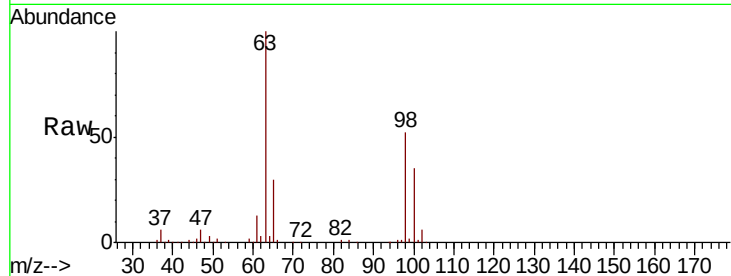
Tot Ion:101 Resp: 1662

Ion Ratio Lower Upper

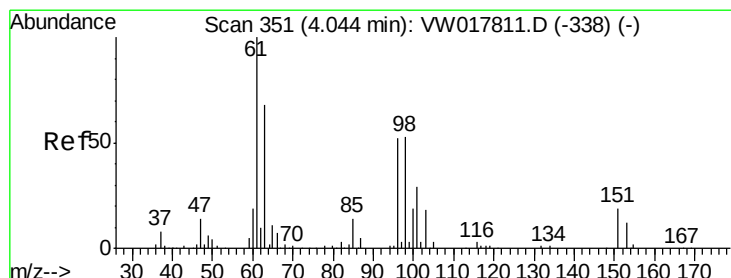
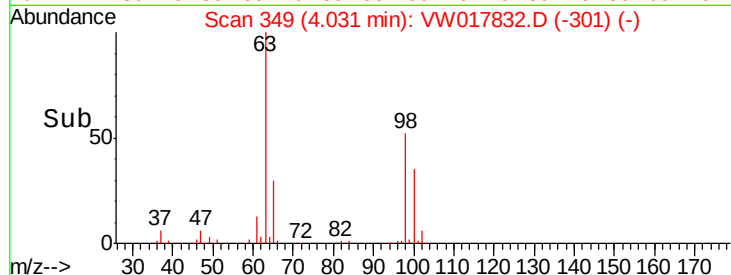
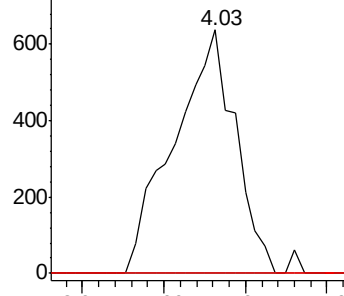
101 100

85 0.0 36.7 55.1#

151 0.0 57.7 86.5#



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



#12

1,1-Dichloroethene

Concen: 0.349 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

Lab File: VW017832.D

Acq: 12 Jan 2021 13:54

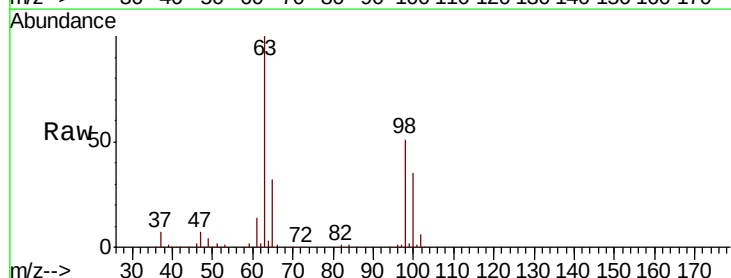
Tgt Ion: 96 Resp: 1329

Ion Ratio Lower Upper

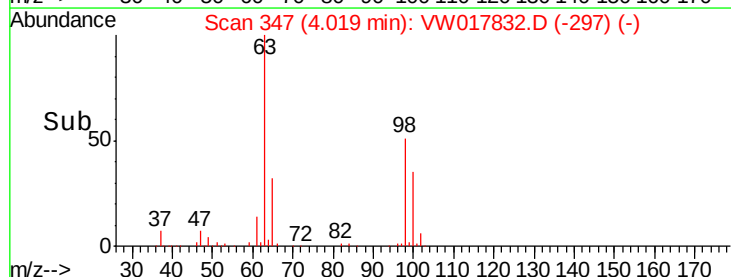
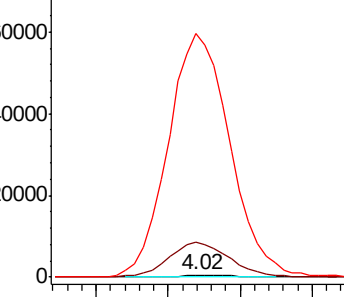
96 100

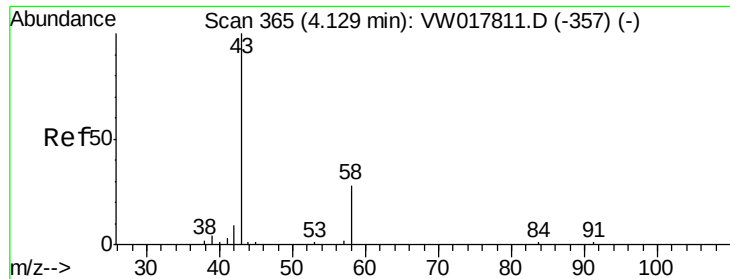
61 1877.3 126.1 234.1#

63 13281.1 90.0 167.2#



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





#13

Acetone

Concen: 1.230 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017832.D

Acq: 12 Jan 2021 13:54

Instrument :

MSVOA_W

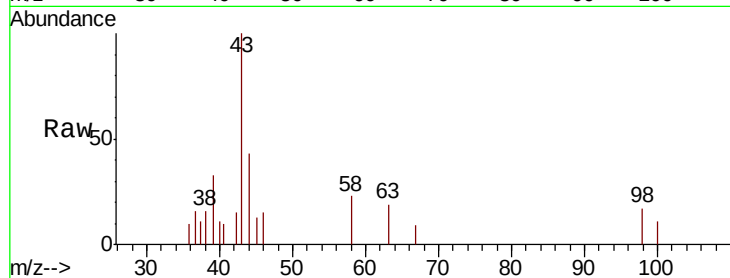
ClientSampled :

Tot Ion: 43 Resp: 824

Ion Ratio Lower Upper

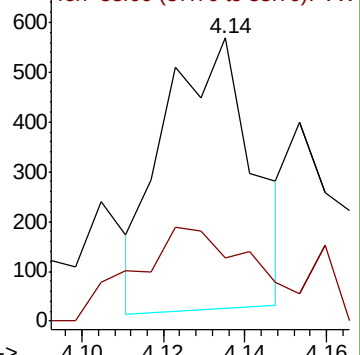
43 100

58 34.2 0.0 60.8

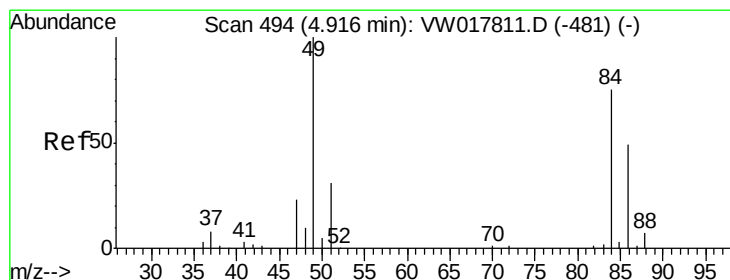
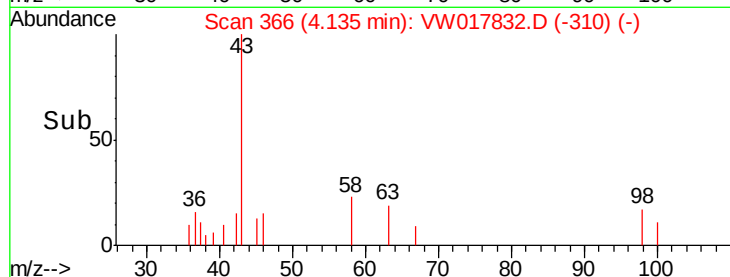


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#16

Methylene chloride

Concen: 4.784 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017832.D

Acq: 12 Jan 2021 13:54

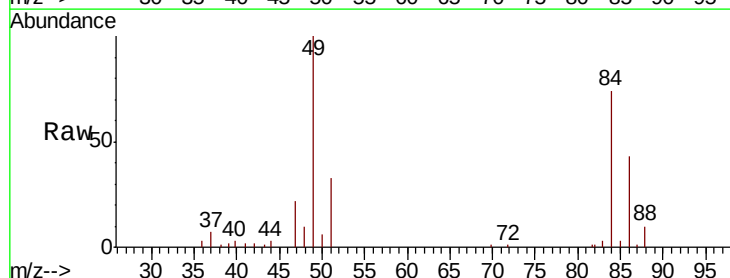
Tgt Ion: 84 Resp: 21168

Ion Ratio Lower Upper

84 100

49 135.0 90.5 168.1

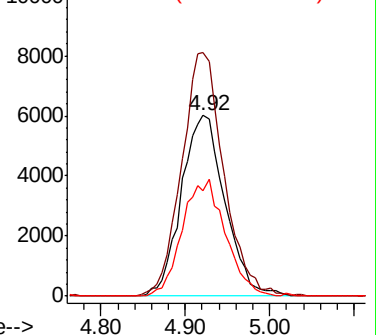
86 58.1 44.8 83.2



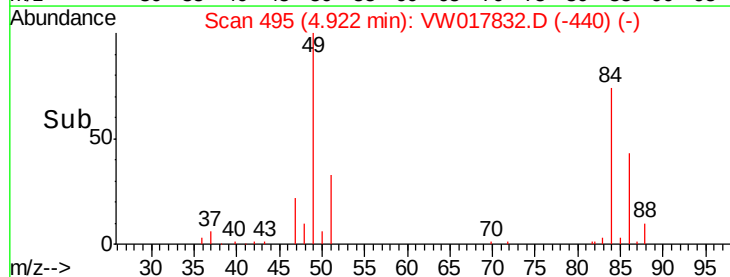
Abundance Ion 84.00 (83.70 to 84.70): VW

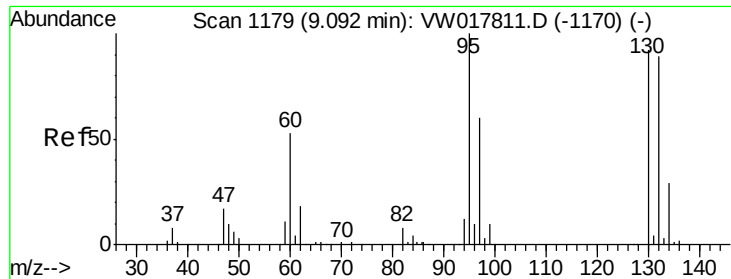
Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->

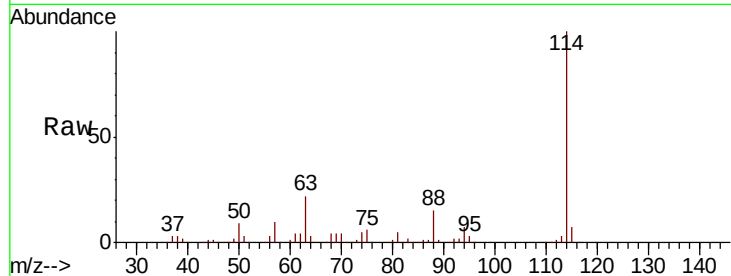




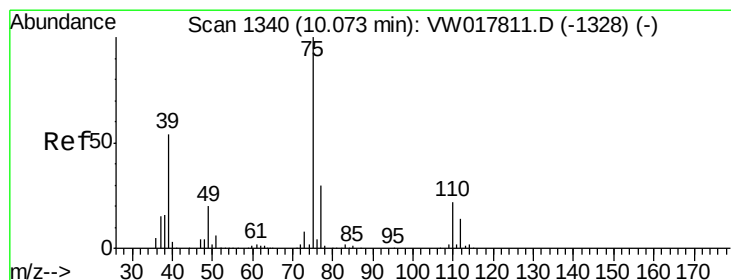
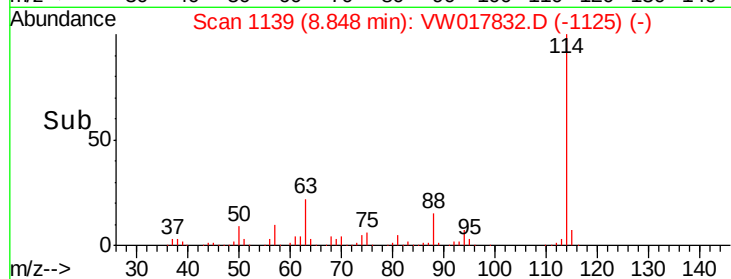
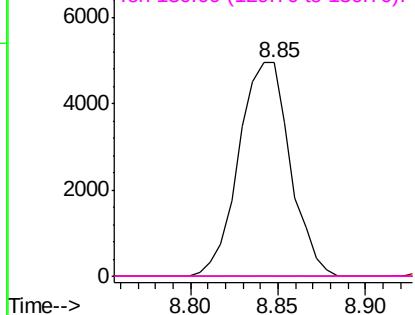
#35
 Trichloroethene
 Concen: 2.244 ug/L
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.24 min
 Lab File: VW017832.D
 Acq: 12 Jan 2021 13:54

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 10181
 Ion Ratio Lower Upper
 95 100
 97 0.0 46.8 87.0#
 132 0.0 68.3 126.9#
 130 0.3 71.8 133.4#

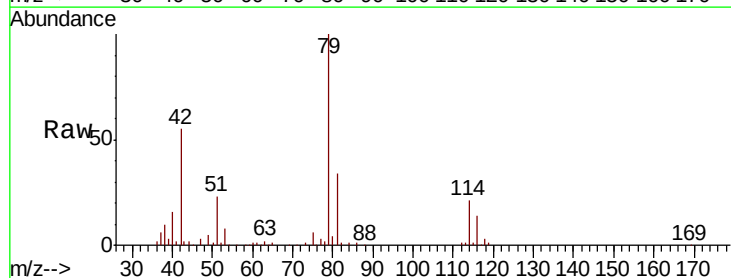


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

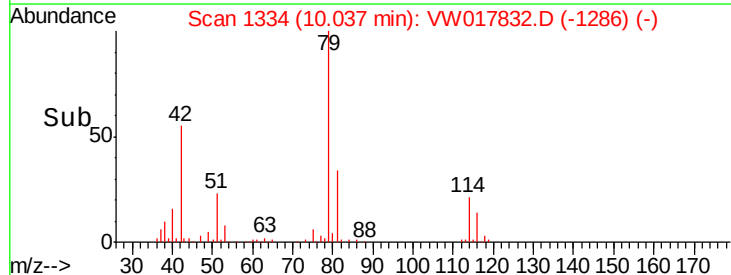
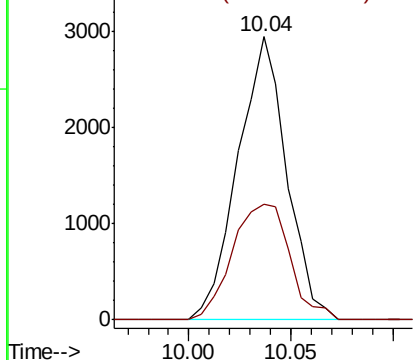


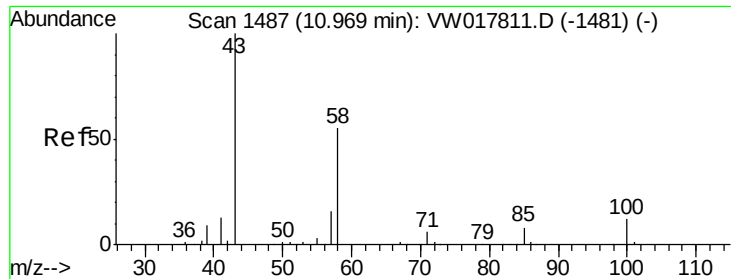
#42
 cis-1,3-Dichloropropene
 Concen: 0.793 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017832.D
 Acq: 12 Jan 2021 13:54

Tgt Ion: 75 Resp: 4898
 Ion Ratio Lower Upper
 75 100
 77 40.9 21.6 40.2#



Abundance Ion 75.00 (74.70 to 75.70): VW
 Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 1.122 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW017832.D

Acq: 12 Jan 2021 13:54

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 43 Resp: 1496

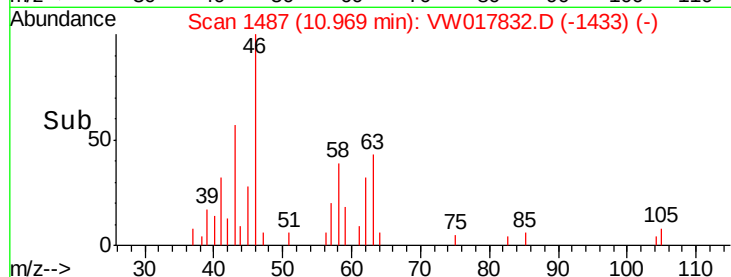
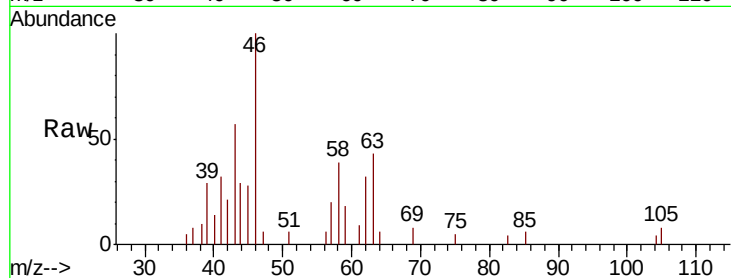
Ion Ratio Lower Upper

43 100

58 55.9 44.2 66.4

57 14.0 16.1 24.1#

100 1.6 11.0 16.4#

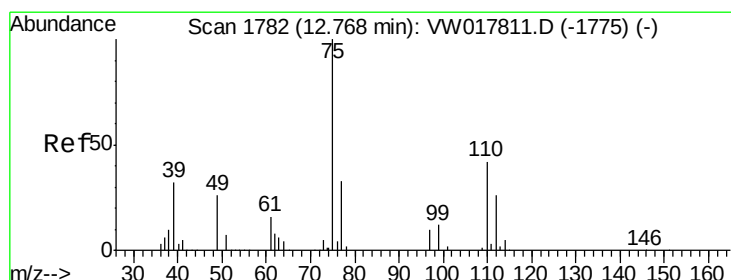
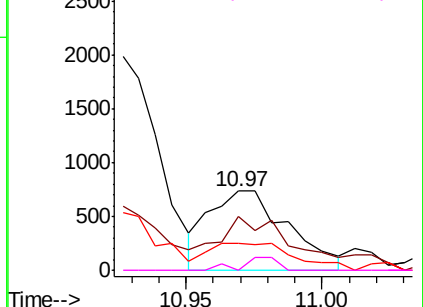


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 8.402 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017832.D

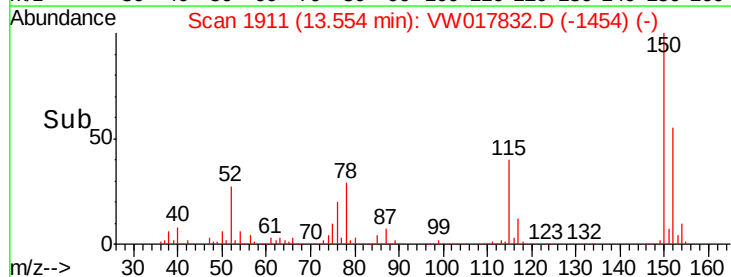
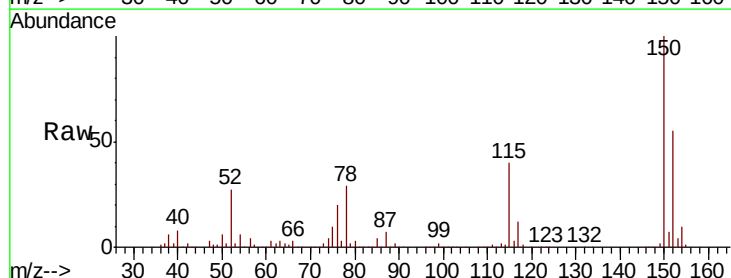
Acq: 12 Jan 2021 13:54

Tgt Ion: 75 Resp: 19825

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

