

Data File : VW017413.D
Acq On : 20 Nov 2020 13:38
Operator : SY/VA
Sample : L4819-03
Misc : 5.39G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ3

Quant Time: Nov 21 00:32:39 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	251733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	221122	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	86024	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92040	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.80%
7) Chloroethane-d5	2.89	69	76245	25.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.04%
10) 1,1-Dichloroethene-d2	4.03	63	117402	18.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.04%
20) 2-Butanone-d5	7.08	46	31217	51.00	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.00%
24) Chloroform-d	7.65	84	166484	25.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.68%
26) 1,2-Dichloroethane-d4	8.31	65	85177	26.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.64%
29) Benzene-d6	8.27	84	322473	25.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.48%
33) 1,2-Dichloropropane-d6	9.28	67	89129	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.36%
37) Toluene-d8	10.32	98	289468	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	34854	24.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.44%
39) 2-Hexanone-d5	10.93	63	22008	49.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68798	27.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	81628	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds

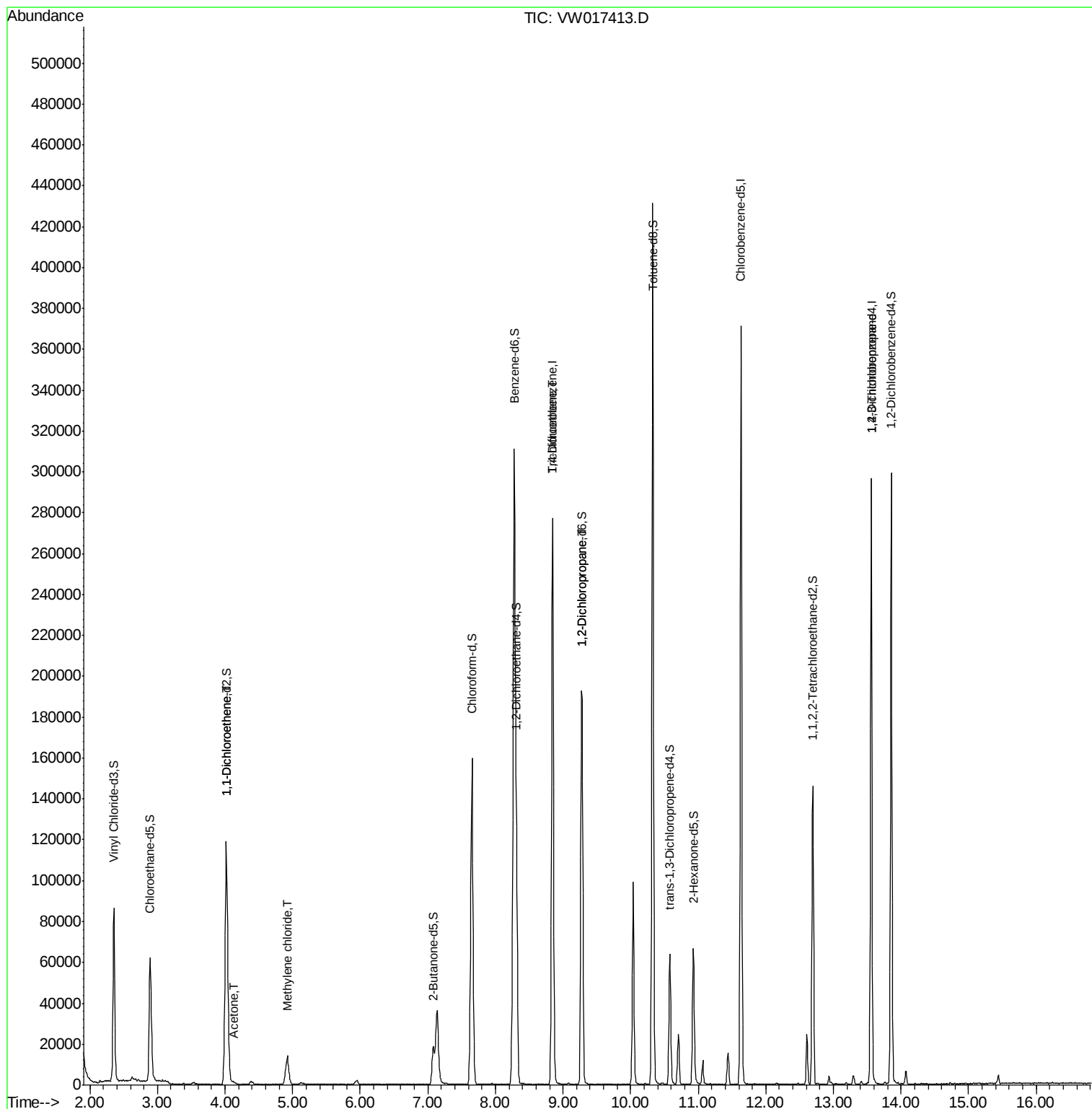
					Qvalue
12) 1,1-Dichloroethene	4.02	96	1059	0.320 ug/L #	1
13) Acetone	4.14	43	982	2.199 ug/L	81
16) Methylene chloride	4.92	84	11714	2.720 ug/L	93
35) Trichloroethene	8.84	95	7013	1.985 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	10843	3.837 ug/L #	85
59) 1,2,3-Trichloropropane	13.56	75	8840	5.077 ug/L	97

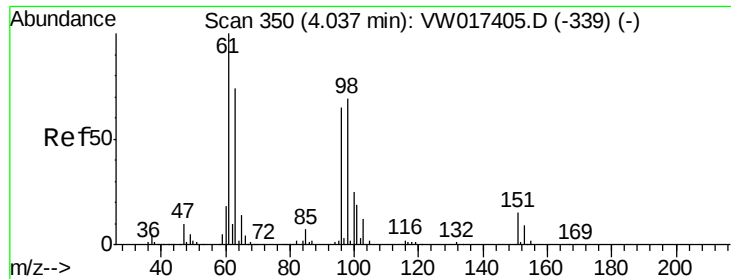
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.320 ug/L

RT: 4.02 min Scan# 347

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

ClientSampled :

C0AZ3

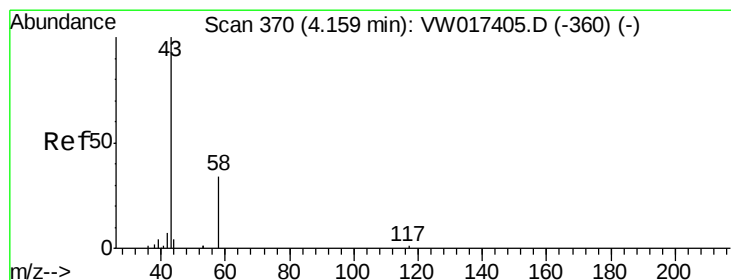
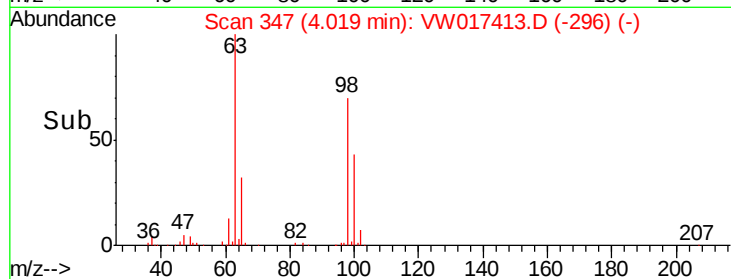
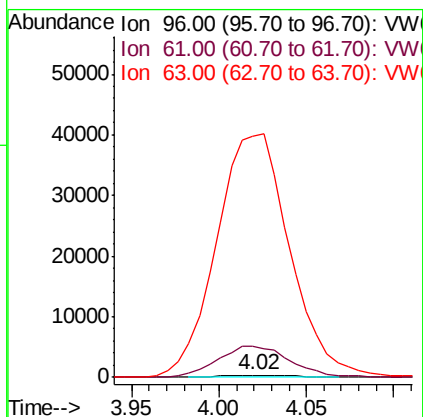
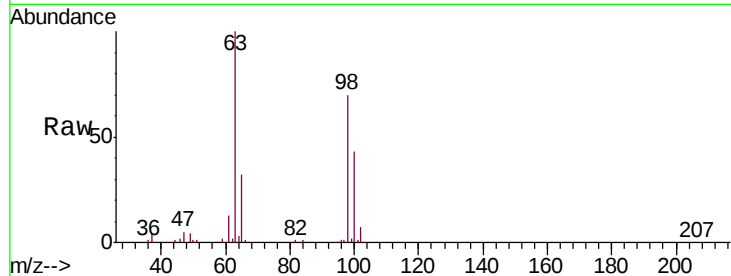
Tgt Ion: 96 Resp: 1059

Ion Ratio Lower Upper

96 100

61 1418.4 104.7 194.4#

63 10949.5 69.6 129.2#



#13

Acetone

Concen: 2.199 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

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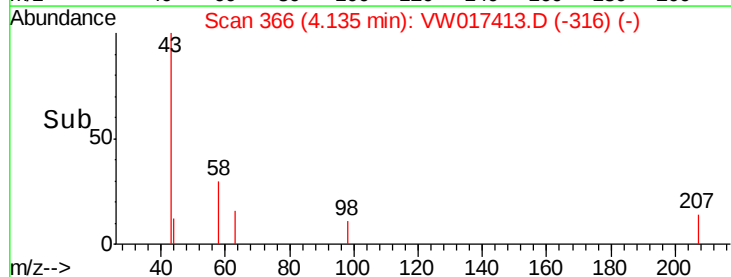
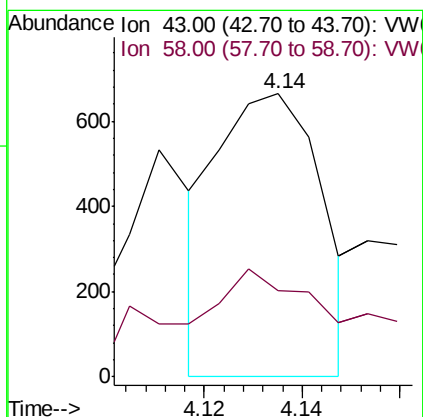
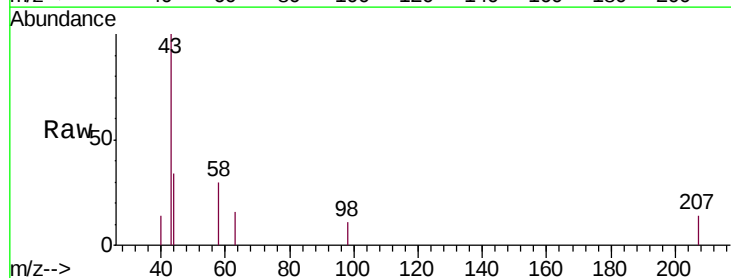
Acq: 20 Nov 2020 13:38

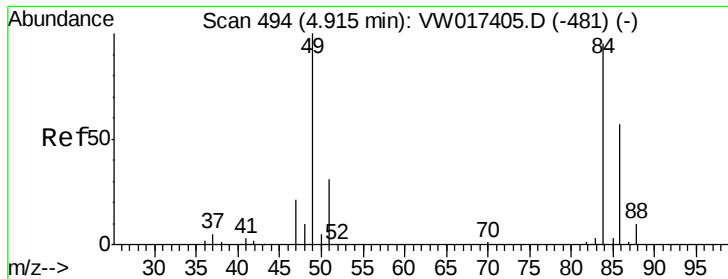
Tgt Ion: 43 Resp: 982

Ion Ratio Lower Upper

43 100

58 22.6 0.0 67.0

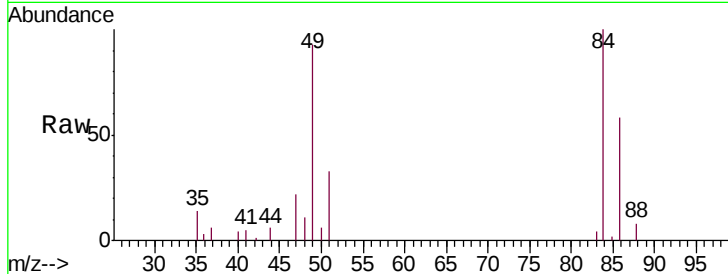




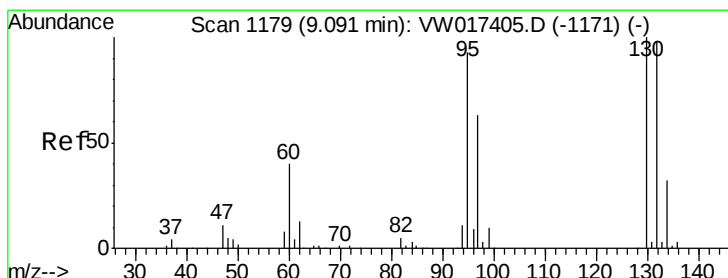
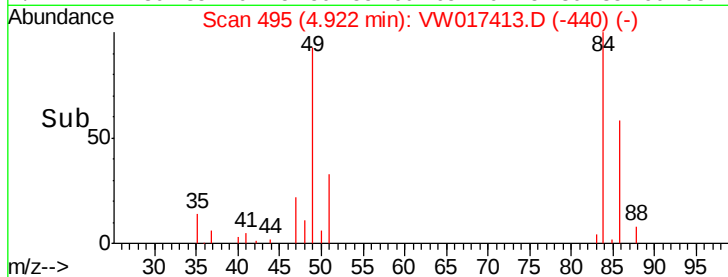
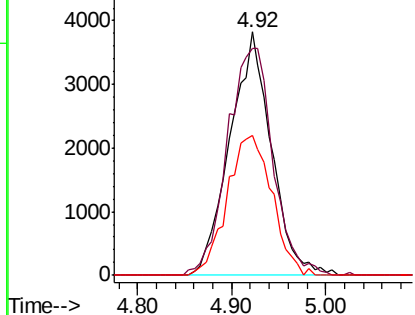
#16
Methylene chloride
Concen: 2.720 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
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Instrument :
MSVOA_W
ClientSampleId :
C0AZ3

Tgt Ion: 84 Resp: 11714
Ion Ratio Lower Upper
84 100
49 93.1 71.5 132.9
86 57.6 42.8 79.4

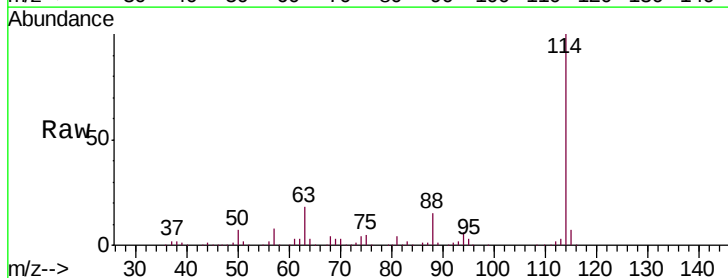


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

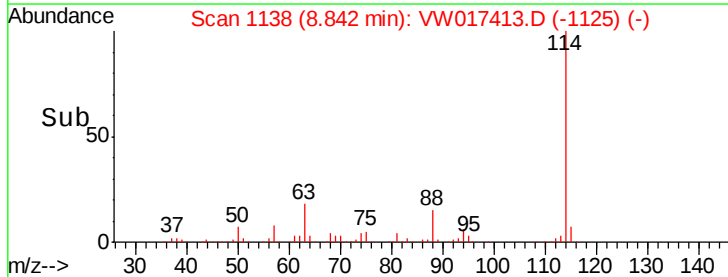
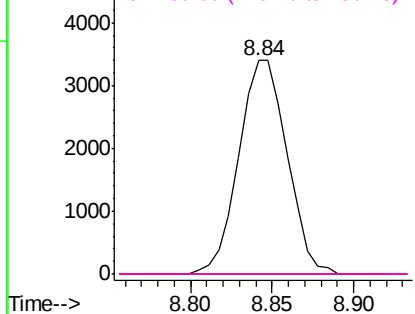


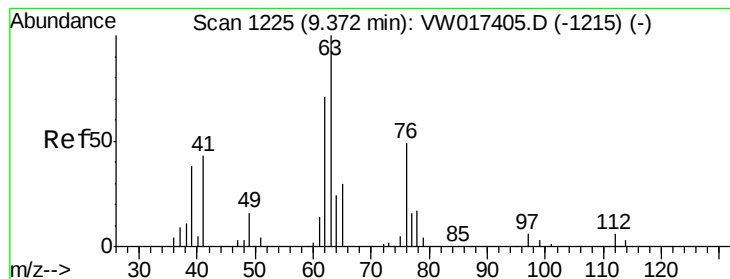
#35
Trichloroethene
Concen: 1.985 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017413.D
Acq: 20 Nov 2020 13:38

Tgt Ion: 95 Resp: 7013
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: 3.837 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

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Acq: 20 Nov 2020 13:38

Instrument :

MSVOA_W

ClientSampleId :

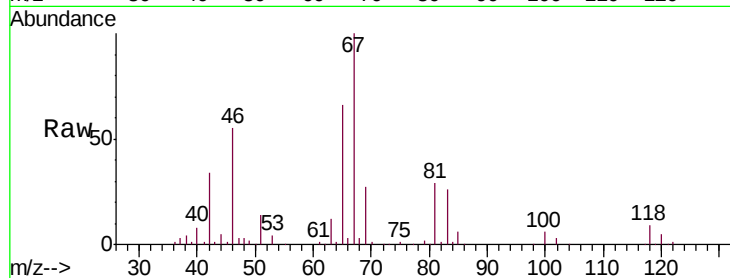
C0AZ3

Tgt Ion: 63 Resp: 10843

Ion Ratio Lower Upper

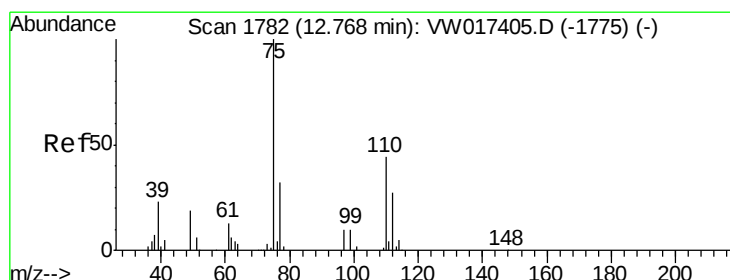
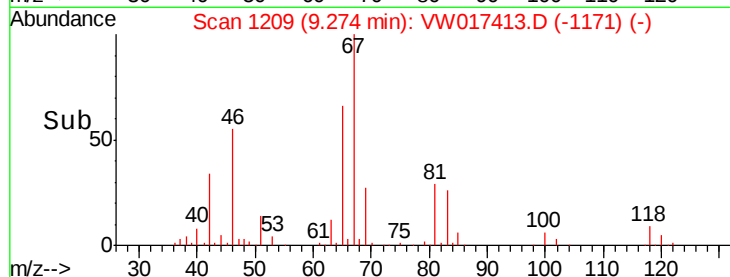
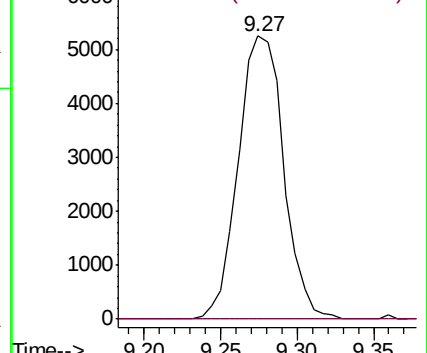
63 100

112 0.4 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.077 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017413.D

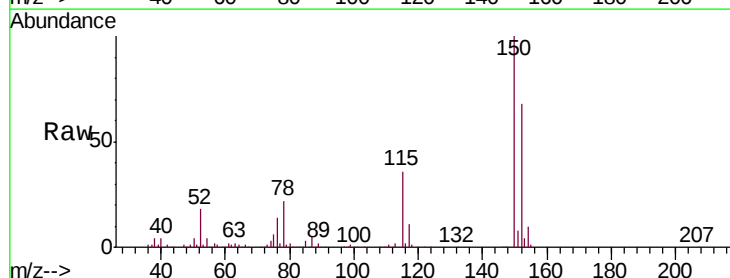
Acq: 20 Nov 2020 13:38

Tgt Ion: 75 Resp: 8840

Ion Ratio Lower Upper

75 100

77 34.8 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

