

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016211.D
 Acq On : 17 Aug 2020 12:27
 Operator : SY/VA
 Sample : L3702-04
 Misc : 6.37G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK7

Quant Time: Aug 18 03:22:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	467387	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	420289	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	173307	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103191	17.81	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.24%
7) Chloroethane-d5	2.89	69	83611	19.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.04%
10) 1,1-Dichloroethene-d2	4.01	63	178508	14.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	7.09	46	42188	27.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.34%
24) Chloroform-d	7.65	84	244163	19.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.88%
26) 1,2-Dichloroethane-d4	8.31	65	113643	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.24%#
29) Benzene-d6	8.28	84	492567	21.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.16%
33) 1,2-Dichloropropane-d6	9.28	67	141015	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	442576	21.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.44%
38) trans-1,3-Dichloropropene-	10.58	79	54931	18.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.72%
39) 2-Hexanone-d5	10.93	63	35764	30.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	95202	17.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	134805	21.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.76%

Target Compounds

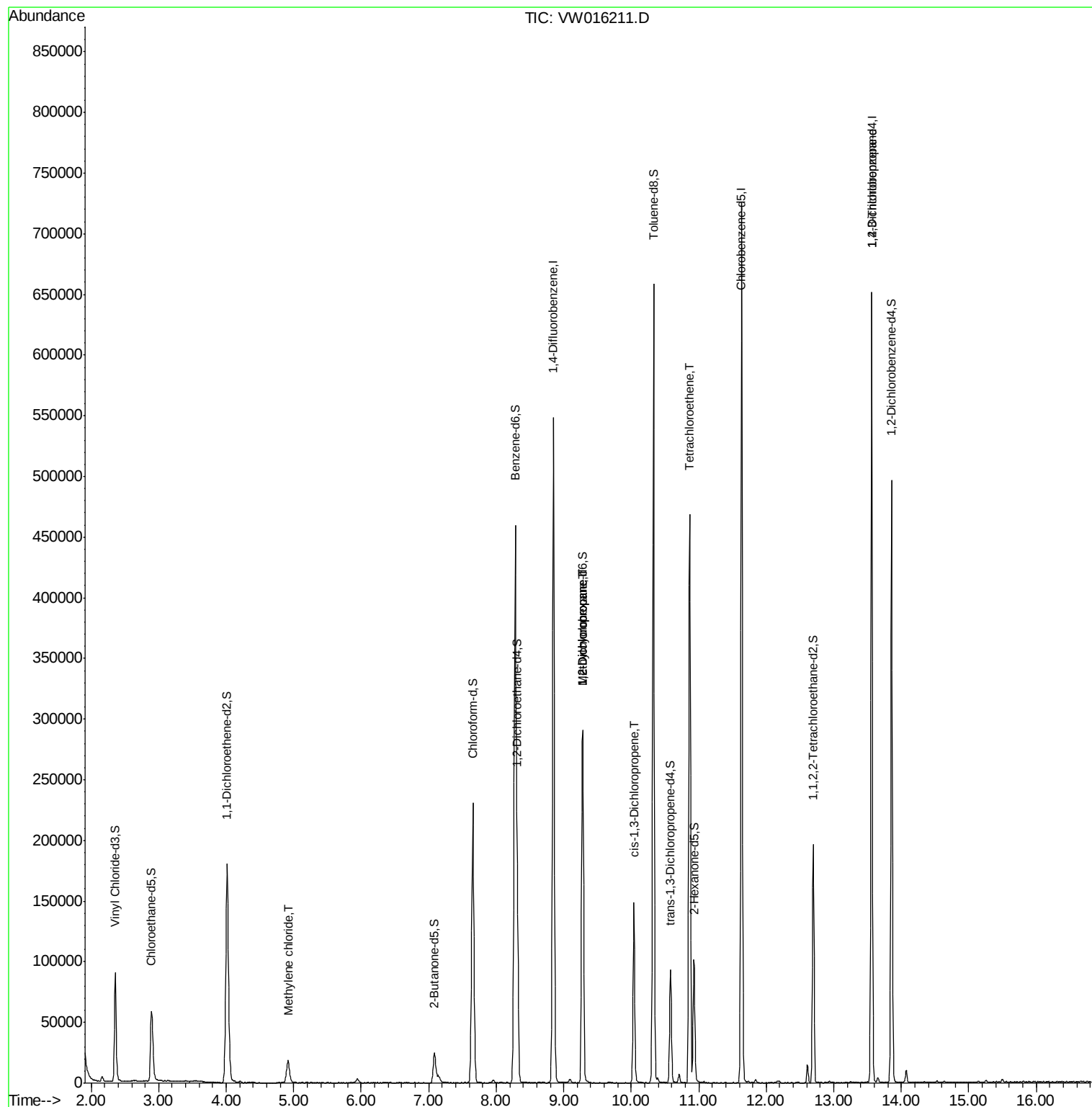
					Ovalue
16) Methylene chloride	4.91	84	15039	2.038	ug/L 98
36) Methylcyclohexane	9.28	83	35809	3.335	ug/L # 19
40) 1,2-Dichloropropane	9.27	63	14898	2.503	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	3805	0.420	ug/L # 70
47) Tetrachloroethene	10.87	164	106027	21.702	ug/L 96
59) 1,2,3-Trichloropropane	13.56	75	19339	4.670	ug/L 92

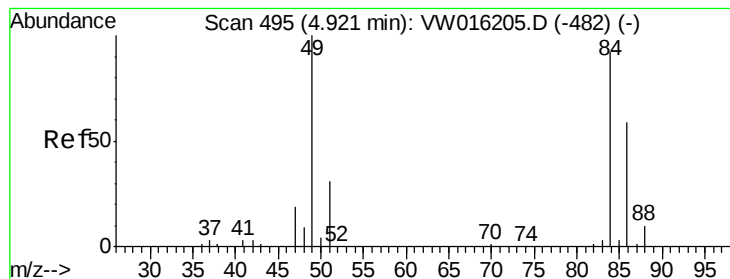
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 18 03:20:41 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 2.038 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016211.D

Acq: 17 Aug 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

BFSK7

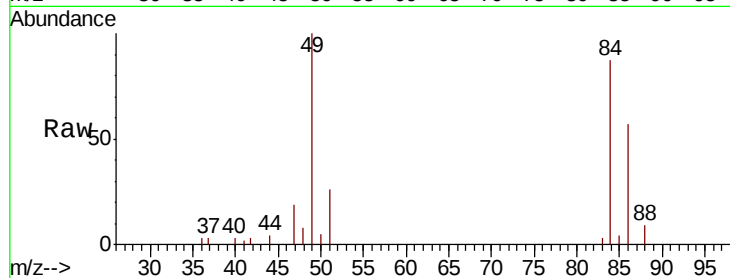
Tot Ion: 84 Resp: 15039

Ion Ratio Lower Upper

84 100

49 115.2 80.4 149.4

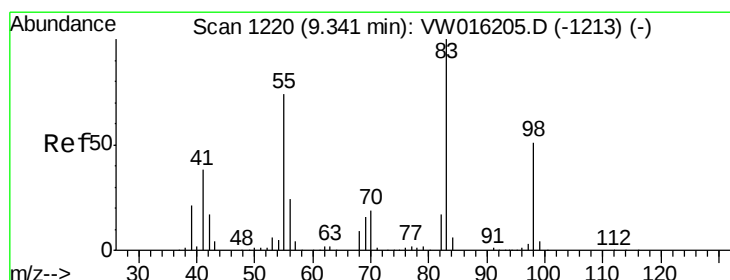
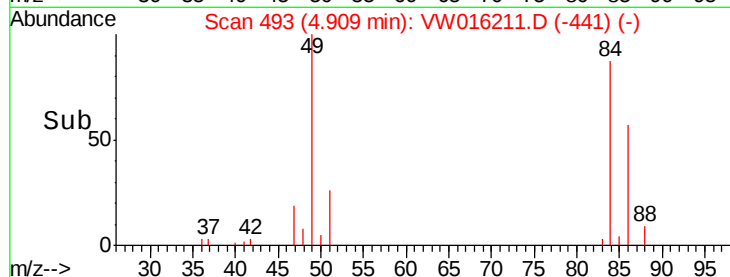
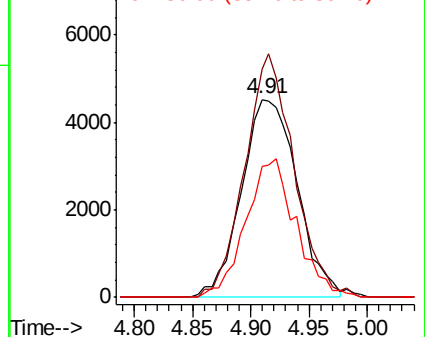
86 66.0 43.8 81.3



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



#36

Methylcyclohexane

Concen: 3.335 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016211.D

Acq: 17 Aug 2020 12:27

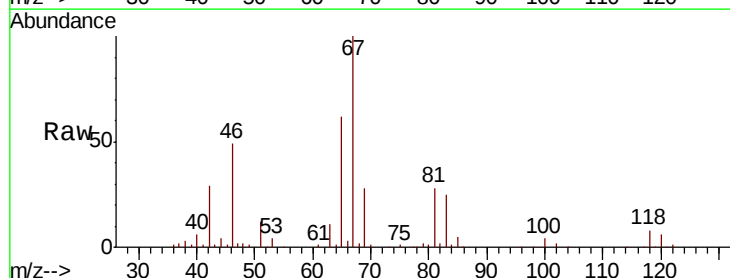
Tgt Ion: 83 Resp: 35809

Ion Ratio Lower Upper

83 100

55 0.6 60.7 91.1#

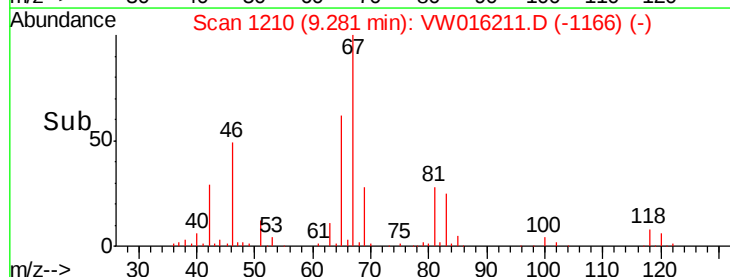
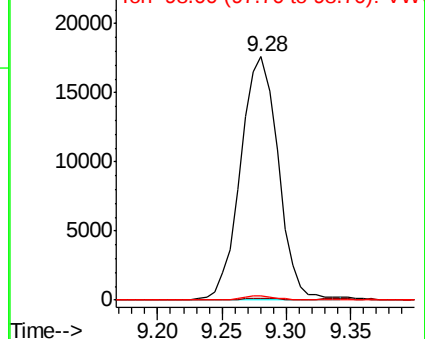
98 1.5 39.4 59.0#

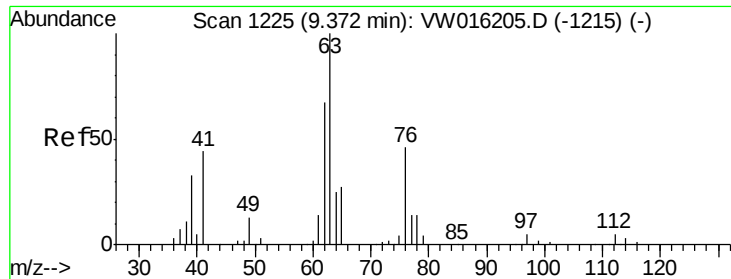


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

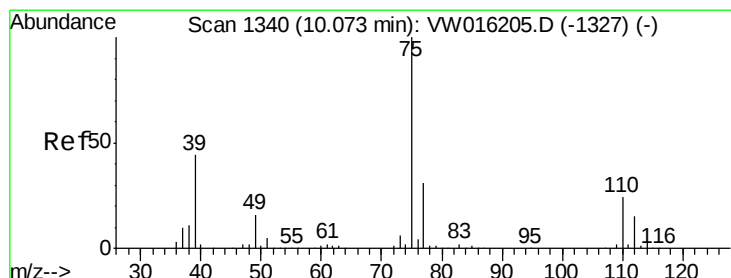
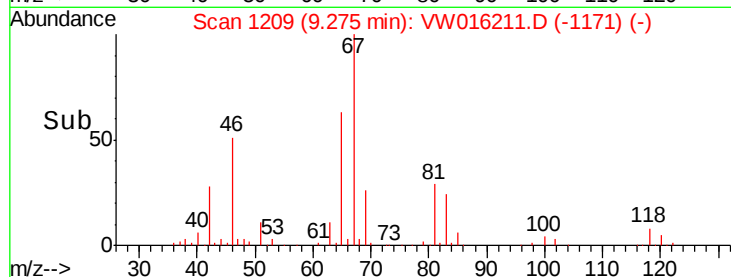
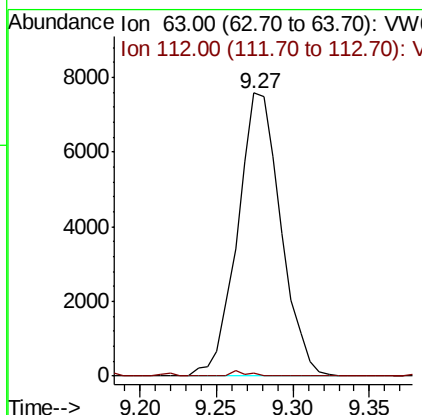
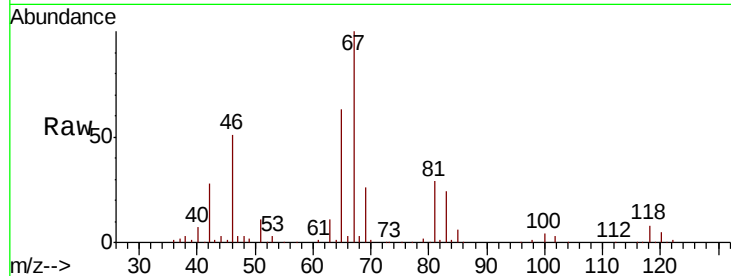




#40
 1,2-Dichloropropane
 Concen: 2.503 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW016211.D
 Acq: 17 Aug 2020 12:27

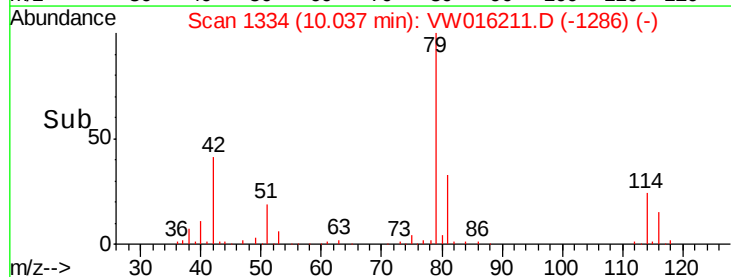
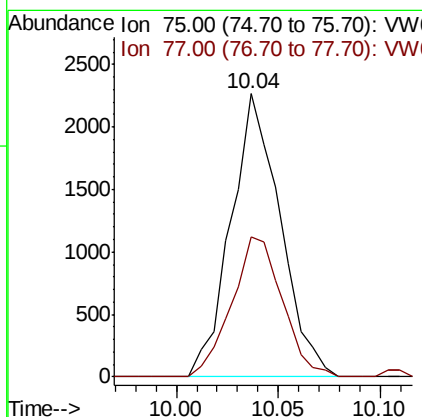
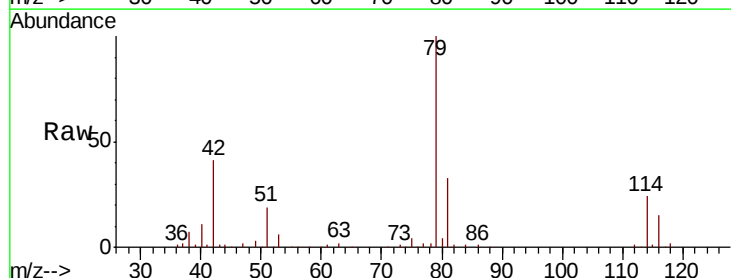
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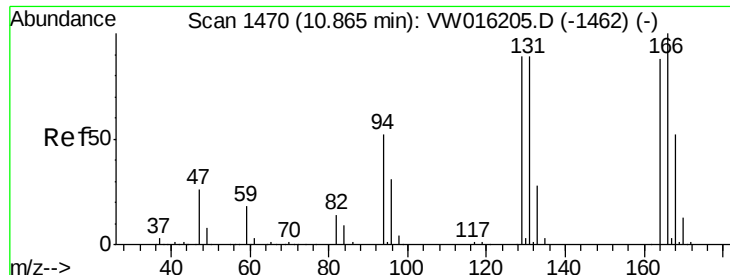
Tot Ion: 63 Resp: 14898
 Ion Ratio Lower Upper
 63 100
 112 0.7 4.0 6.0#



#42
 cis-1,3-Dichloropropene
 Concen: 0.420 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016211.D
 Acq: 17 Aug 2020 12:27

Tgt Ion: 75 Resp: 3805
 Ion Ratio Lower Upper
 75 100
 77 49.4 22.9 42.5#





#47

Tetrachloroethene

Concen: 21.702 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016211.D

Acq: 17 Aug 2020 12:27

Instrument :

MSVOA_W

ClientSampleId :

BFSK7

Tot Ion:164 Resp: 106027

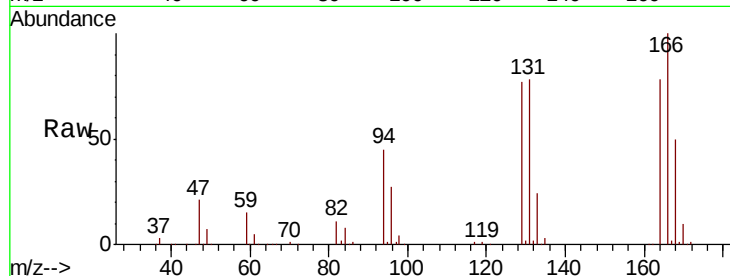
Ion Ratio Lower Upper

164 100

129 97.9 71.5 132.9

131 99.1 65.4 121.4

166 127.5 86.9 161.5

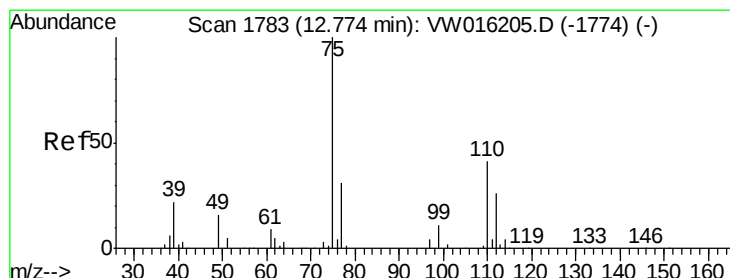
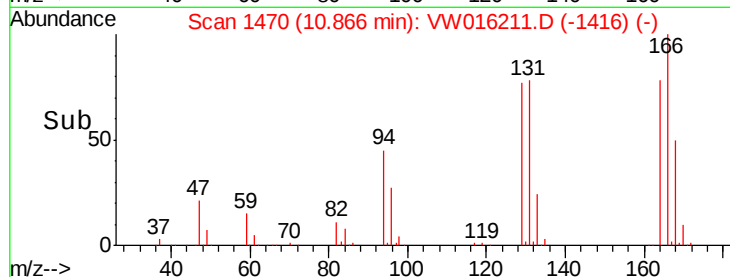
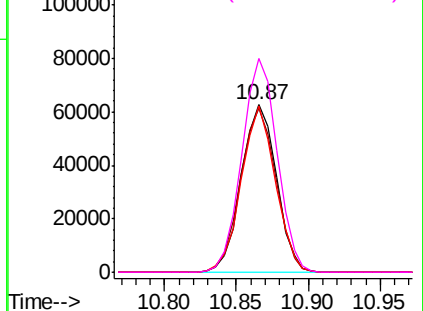


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#59

1,2,3-Trichloropropane

Concen: 4.670 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016211.D

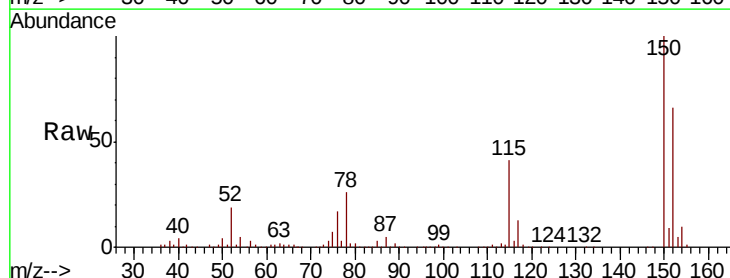
Acq: 17 Aug 2020 12:27

Tgt Ion: 75 Resp: 19339

Ion Ratio Lower Upper

75 100

77 37.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

