

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016052.D
 Acq On : 06 Aug 2020 18:40
 Operator : SY/VA
 Sample : L3564-04
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN5

Quant Time: Aug 07 07:43:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	320630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	244973	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	80225	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	58423	12.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.64%
7) Chloroethane-d5	2.89	69	49535	13.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.92%
10) 1,1-Dichloroethene-d2	4.01	63	94031	10.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.12%#
20) 2-Butanone-d5	7.09	46	15100	12.71	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.42%
24) Chloroform-d	7.65	84	148277	16.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	65.88%
26) 1,2-Dichloroethane-d4	8.31	65	79678	16.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.48%#
29) Benzene-d6	8.27	84	272092	18.25	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.00%
33) 1,2-Dichloropropane-d6	9.27	67	87659	19.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.44%
37) Toluene-d8	10.32	98	218266	16.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.64%
38) trans-1,3-Dichloropropene-	10.58	79	17647	9.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.04%
39) 2-Hexanone-d5	10.93	63	11665	15.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	66478	19.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	56846	18.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.68%#

Target Compounds

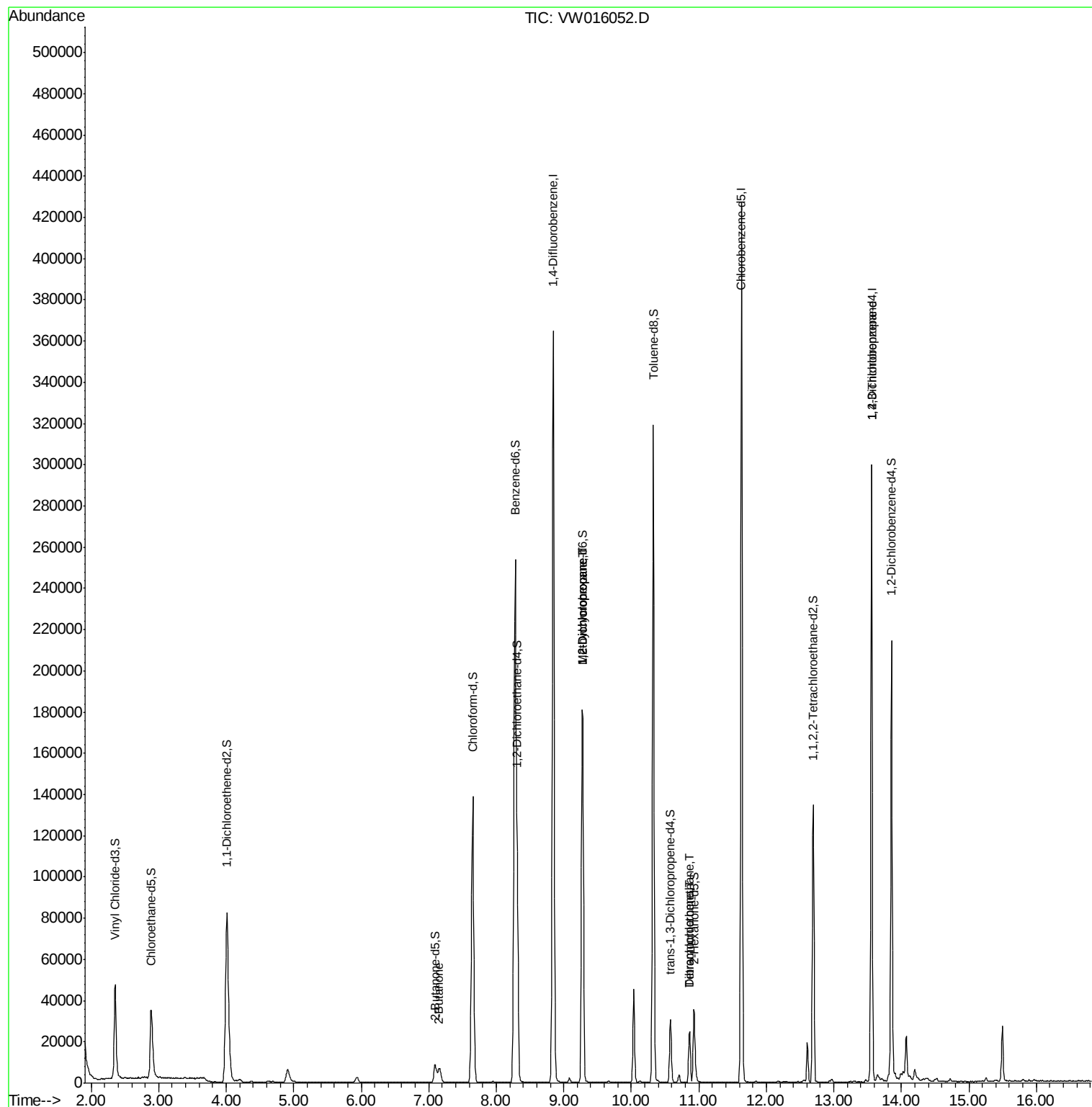
					Ovalue
21) 2-Butanone	7.15	43	5331	4.320 ug/L #	47
36) Methylcyclohexane	9.28	83	22333	3.307 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	9667	2.623 ug/L #	88
47) Tetrachloroethene	10.87	164	5941	1.945 ug/L	94
50) Dibromochloromethane	10.86	129	5620	1.831 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	8712	3.736 ug/L	89

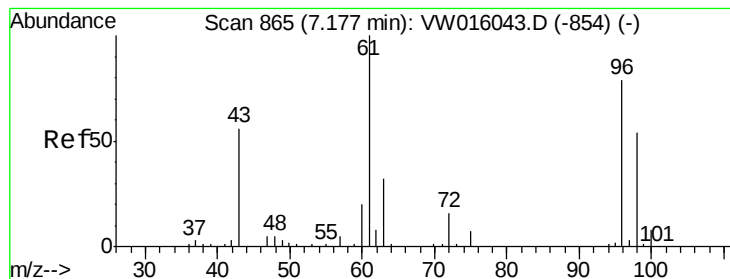
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#21

2-Butanone

Concen: 4.320 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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Acq: 06 Aug 2020 18:40

Instrument :

MSVOA_W

ClientSampleId :

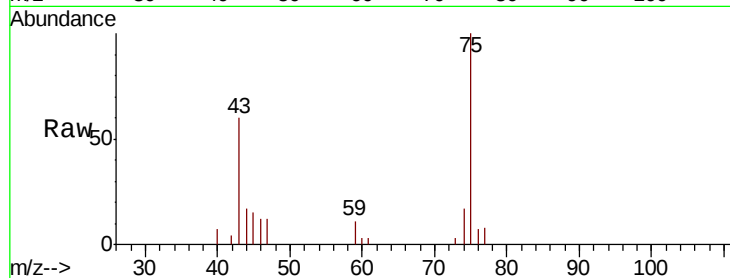
BFSN5

Tot Ion: 43 Resp: 5331

Ion Ratio Lower Upper

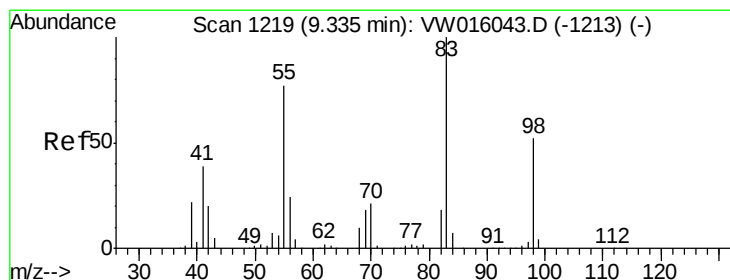
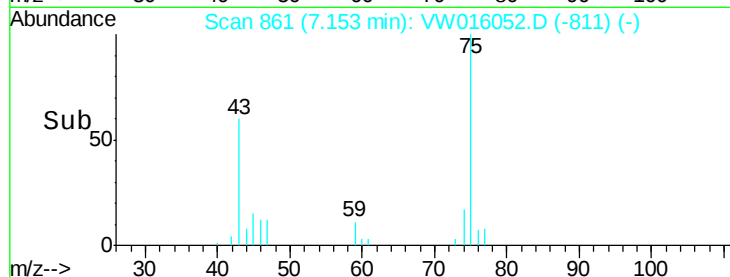
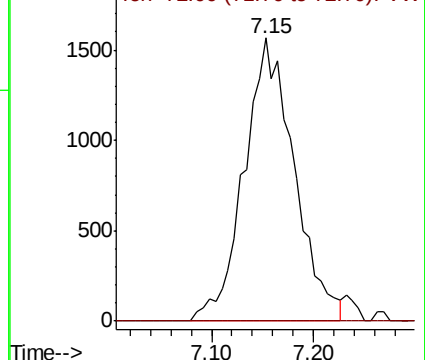
43 100

72 0.0 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#36

Methylcyclohexane

Concen: 3.307 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW016052.D

Acq: 06 Aug 2020 18:40

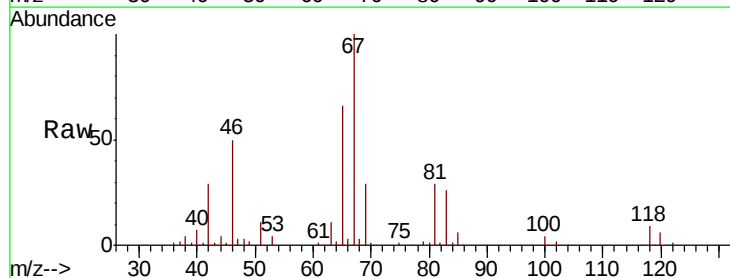
Tgt Ion: 83 Resp: 22333

Ion Ratio Lower Upper

83 100

55 0.3 63.5 95.3#

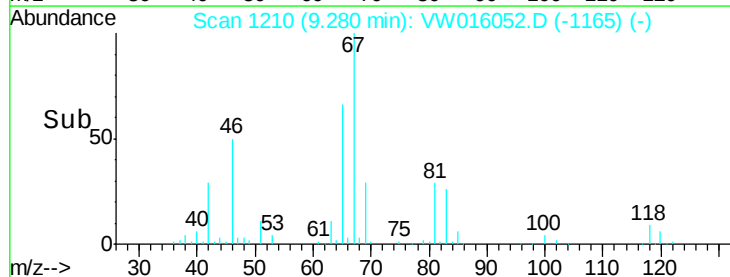
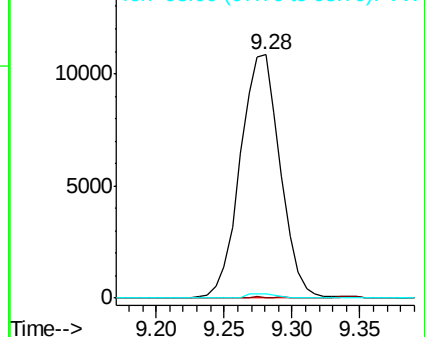
98 1.2 39.0 58.4#

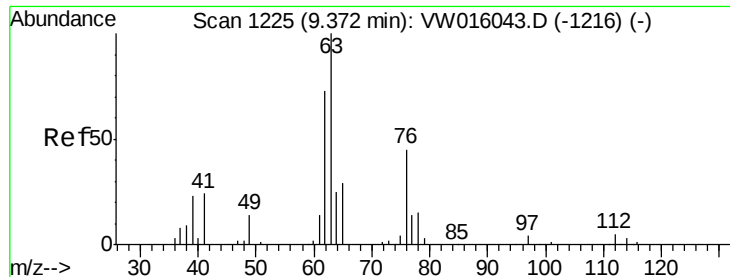


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.623 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016052.D

Acq: 06 Aug 2020 18:40

Instrument :

MSVOA_W

ClientSampled :

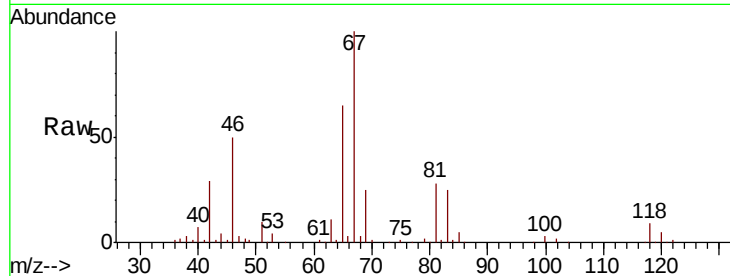
BFSN5

Tot Ion: 63 Resp: 9667

Ion Ratio Lower Upper

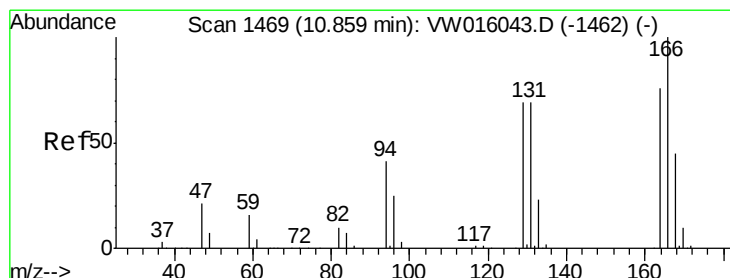
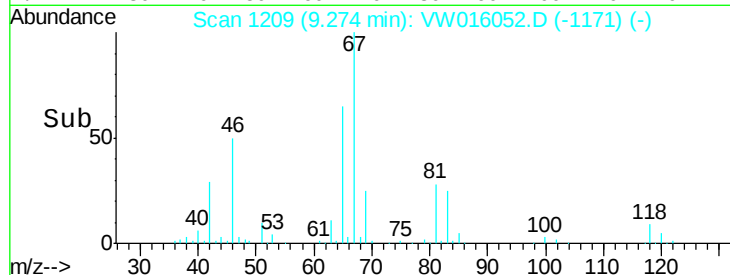
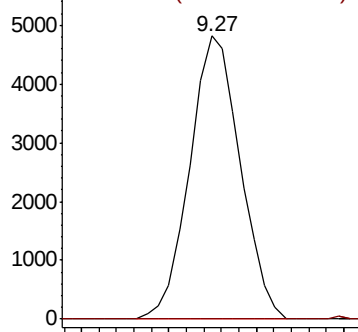
63 100

112 0.5 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V



#47

Tetrachloroethene

Concen: 1.945 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016052.D

Acq: 06 Aug 2020 18:40

Tgt Ion:164 Resp: 5941

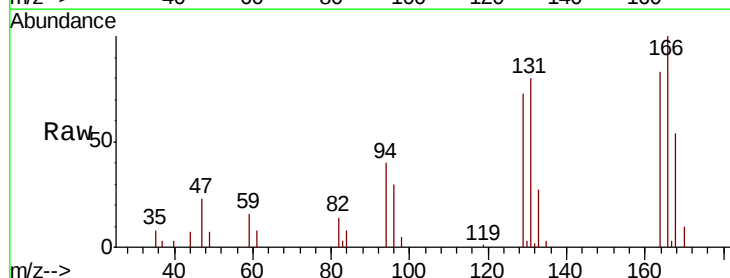
Ion Ratio Lower Upper

164 100

129 88.2 70.0 130.0

131 96.1 67.3 124.9

166 120.1 88.5 164.3

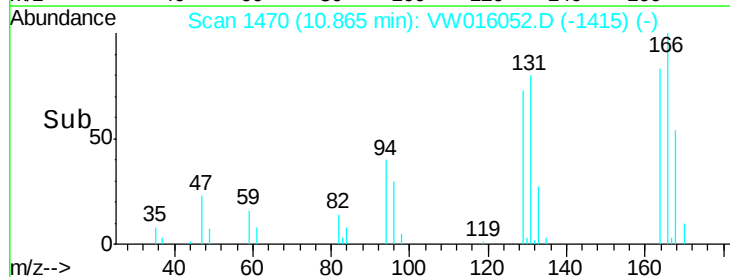
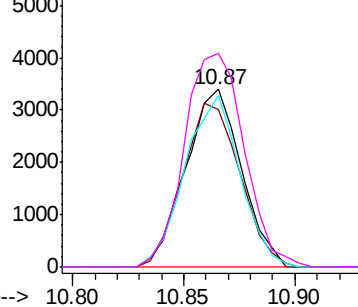


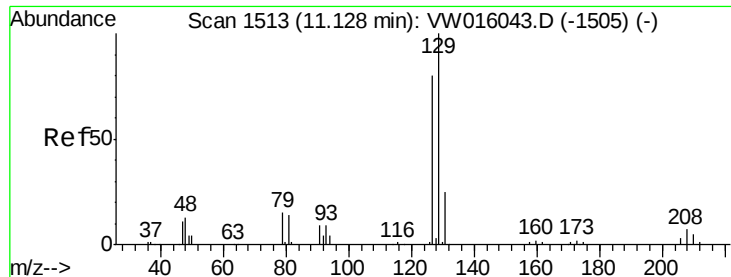
Abundance Ion 164.00 (163.70 to 164.70): V

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





#50

Dibromochloromethane

Concen: 1.831 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016052.D

Acq: 06 Aug 2020 18:40

Instrument :

MSVOA_W

ClientSampleId :

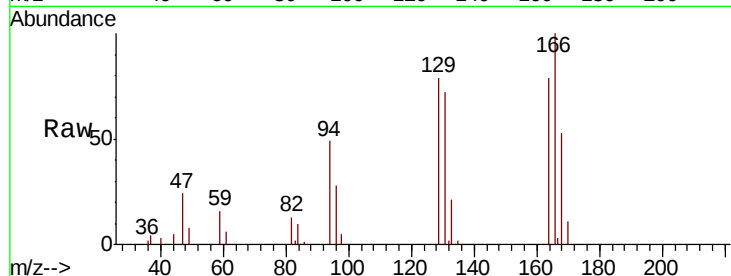
BFSN5

Tot Ion:129 Resp: 5620

Ion Ratio Lower Upper

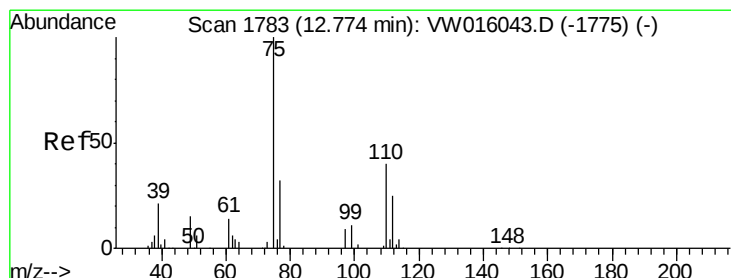
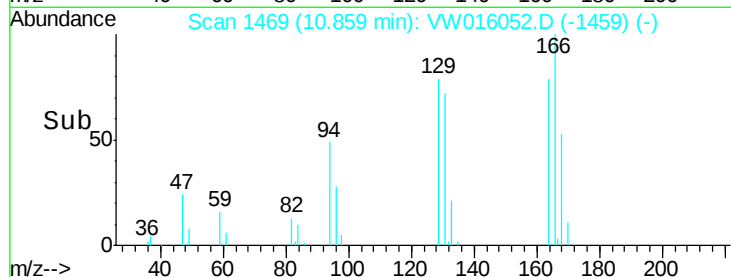
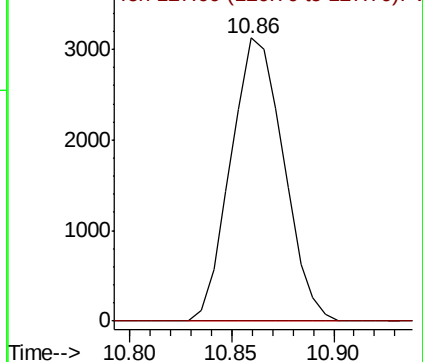
129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.736 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016052.D

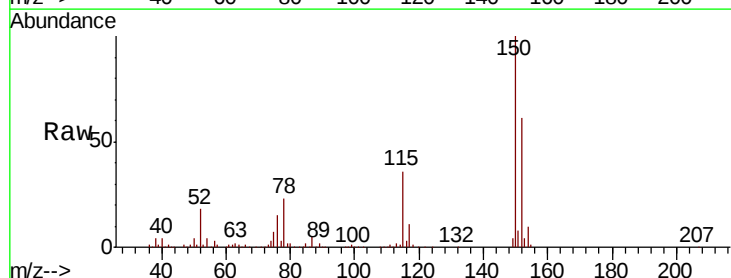
Acq: 06 Aug 2020 18:40

Tgt Ion: 75 Resp: 8712

Ion Ratio Lower Upper

75 100

77 38.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

