

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016216.D
 Acq On : 17 Aug 2020 14:25
 Operator : SY/VA
 Sample : L3702-09
 Misc : 6.42G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP4

Quant Time: Aug 18 03:23:01 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	343224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	312841	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	122969	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	74615	17.53	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.12%
7) Chloroethane-d5	2.90	69	59634	18.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.84%
10) 1,1-Dichloroethene-d2	4.01	63	127051	14.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.24%
20) 2-Butanone-d5	7.09	46	34014	30.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.76%
24) Chloroform-d	7.65	84	172800	18.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.04%
26) 1,2-Dichloroethane-d4	8.31	65	84861	17.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.40%#
29) Benzene-d6	8.27	84	345876	20.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.28%
33) 1,2-Dichloropropane-d6	9.28	67	102199	20.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.68%
37) Toluene-d8	10.33	98	305845	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.36%
38) trans-1,3-Dichloropropene-	10.58	79	38069	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.72%
39) 2-Hexanone-d5	10.93	63	27443	31.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	74361	18.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.00%
61) 1,2-Dichlorobenzene-d4	13.86	152	98971	22.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.84%

Target Compounds

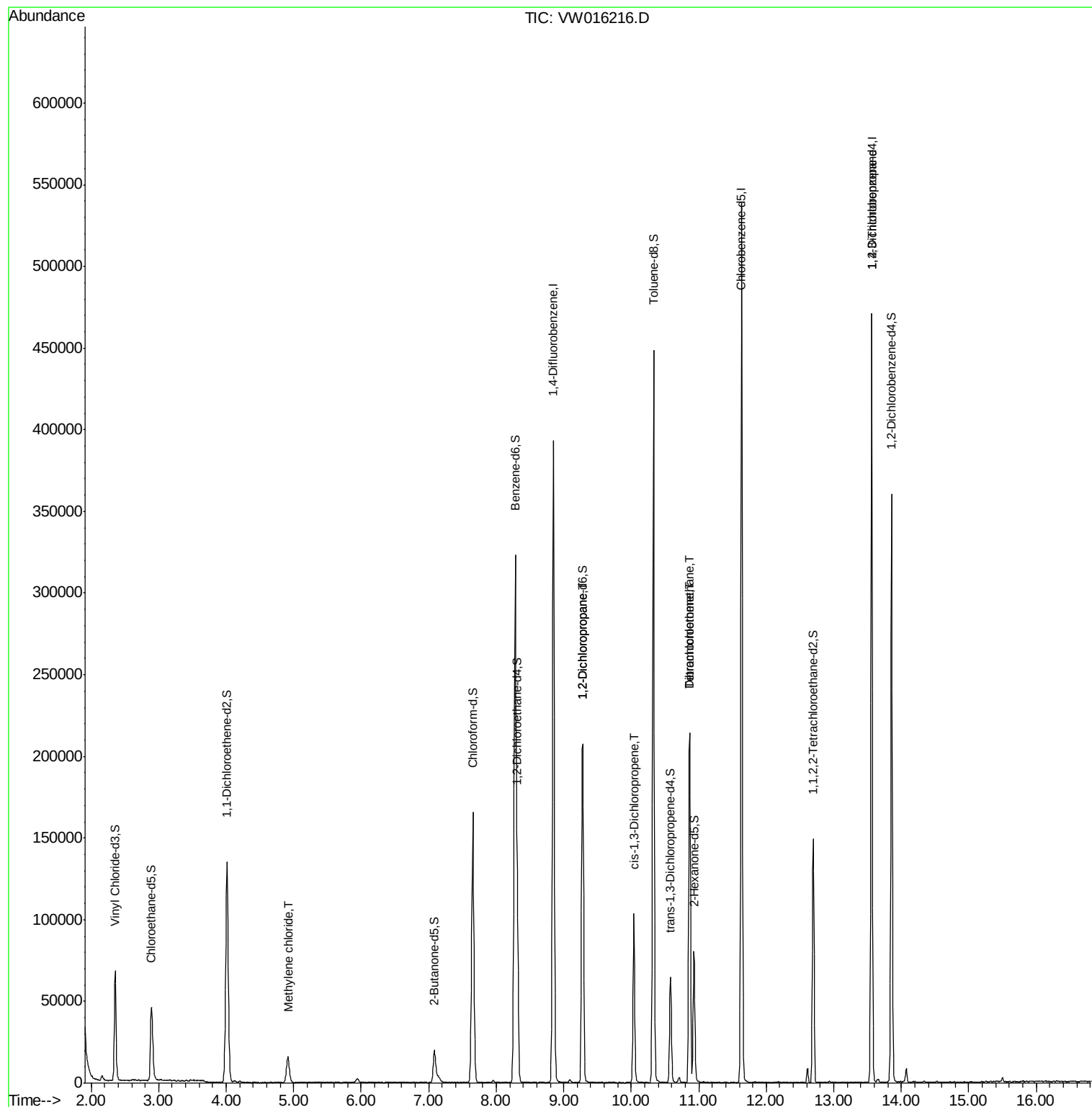
					Ovalue
16) Methylene chloride	4.92	84	12410	2.290	ug/L 92
40) 1,2-Dichloropropane	9.28	63	11176	2.523	ug/L # 89
42) cis-1,3-Dichloropropene	10.04	75	2377	0.352	ug/L # 72
47) Tetrachloroethene	10.87	164	50179	13.798	ug/L 98
50) Dibromochloromethane	10.87	129	48783	11.877	ug/L # 10
59) 1,2,3-Trichloropropane	13.56	75	14723	4.776	ug/L 96

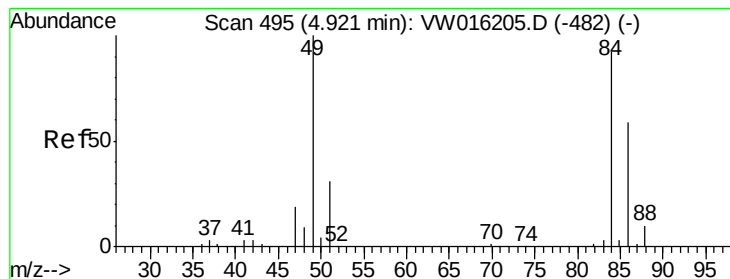
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#16

Methylene chloride

Concen: 2.290 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016216.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

BFSP4

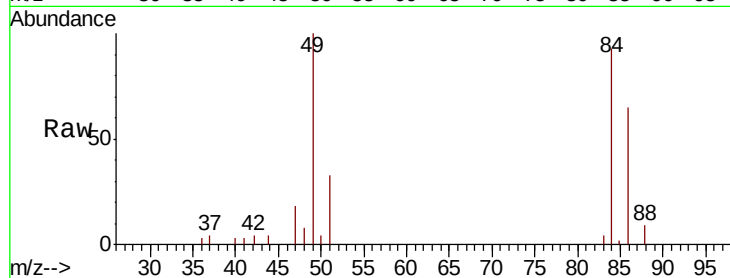
Tot Ion: 84 Resp: 12410

Ion Ratio Lower Upper

84 100

49 107.3 80.4 149.4

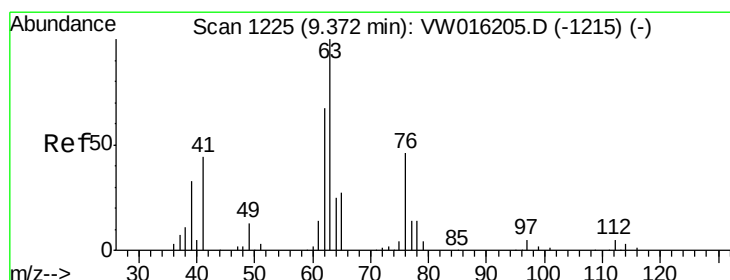
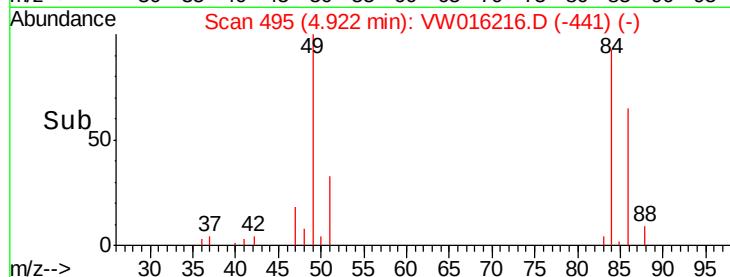
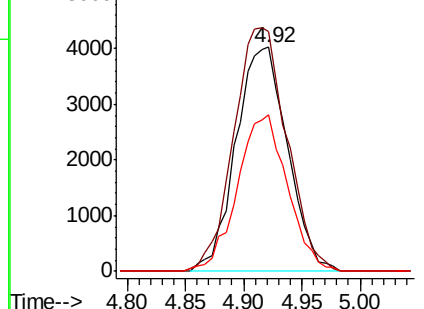
86 70.0 43.8 81.3



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



#40

1,2-Dichloropropane

Concen: 2.523 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW016216.D

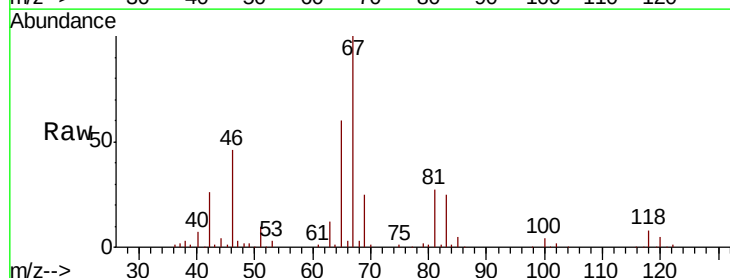
Acq: 17 Aug 2020 14:25

Tgt Ion: 63 Resp: 11176

Ion Ratio Lower Upper

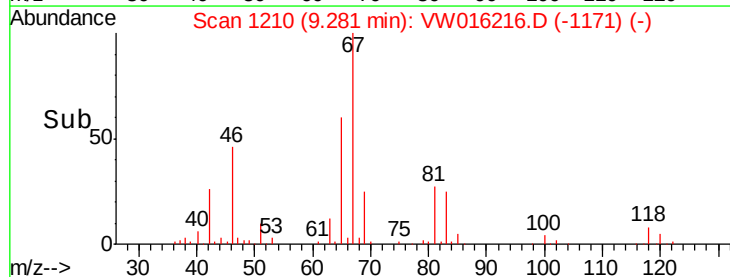
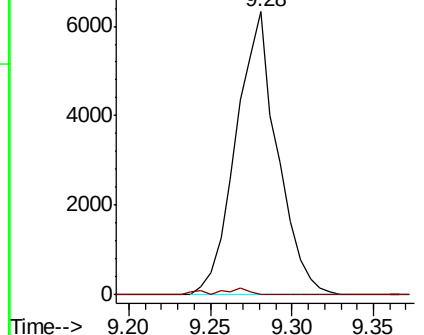
63 100

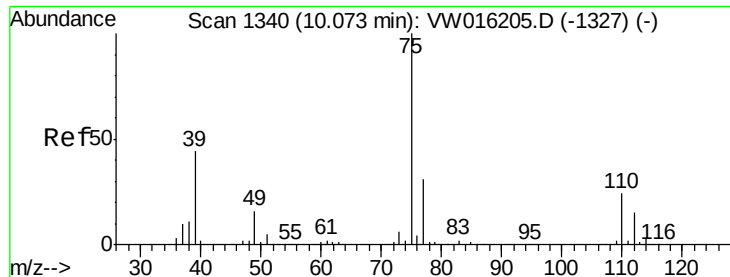
112 1.2 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.352 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016216.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

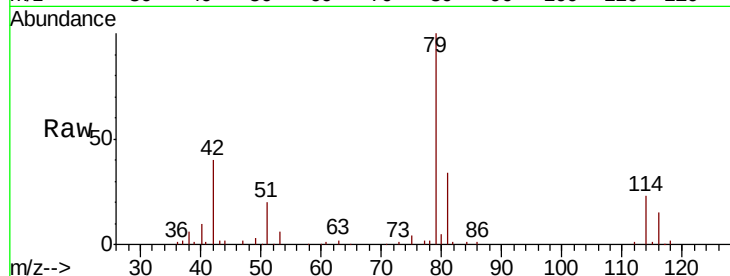
BFSP4

Tot Ion: 75 Resp: 2377

Ion Ratio Lower Upper

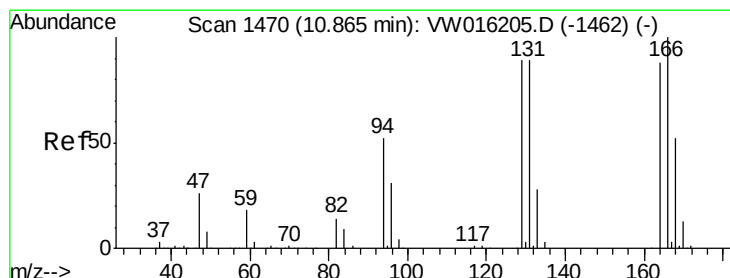
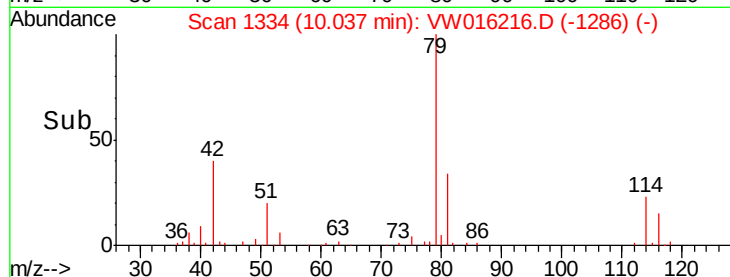
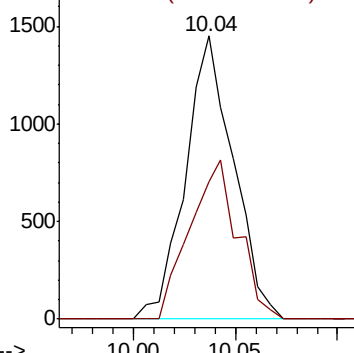
75 100

77 48.6 22.9 42.5#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 13.798 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016216.D

Acq: 17 Aug 2020 14:25

Tgt Ion:164 Resp: 50179

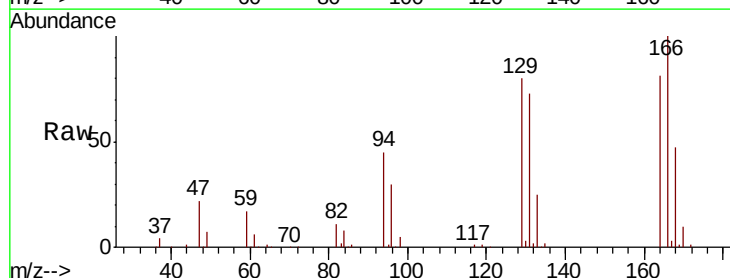
Ion Ratio Lower Upper

164 100

129 99.6 71.5 132.9

131 90.0 65.4 121.4

166 124.1 86.9 161.5

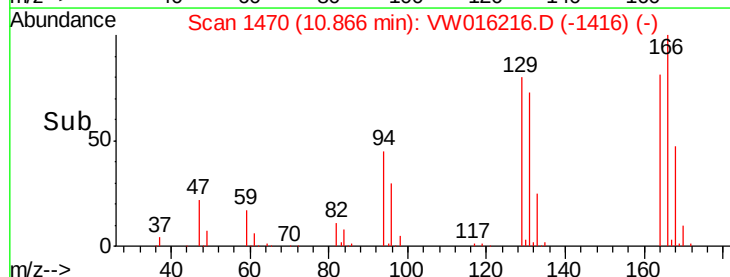
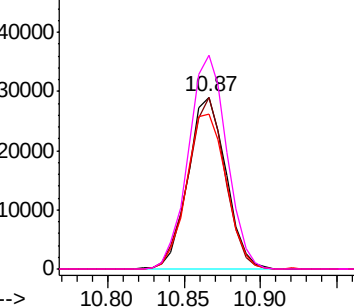


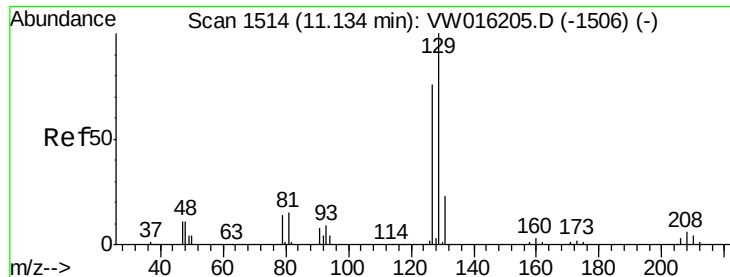
Abundance Ion 164.00 (163.70 to 164.70): V

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





#50

Dibromochloromethane

Concen: 11.877 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016216.D

Acq: 17 Aug 2020 14:25

Instrument :

MSVOA_W

ClientSampleId :

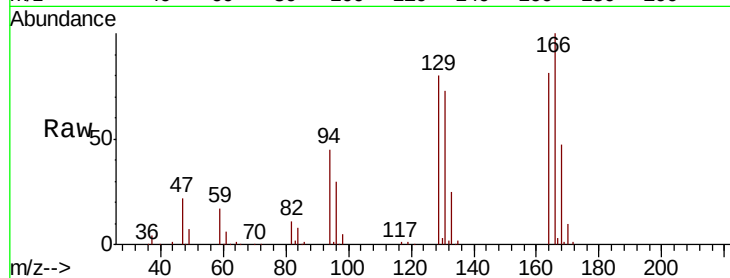
BFSP4

Tot Ion:129 Resp: 48783

Ion Ratio Lower Upper

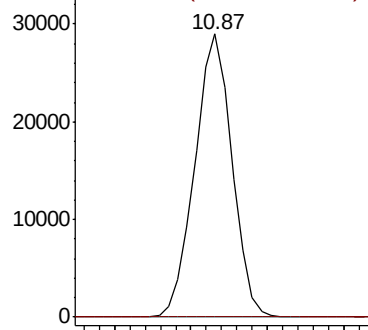
129 100

127 0.0 55.4 102.8#

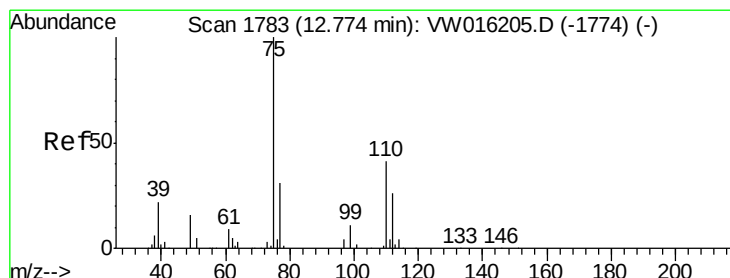
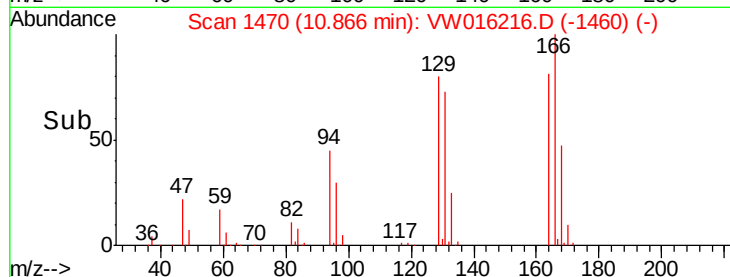


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 4.776 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016216.D

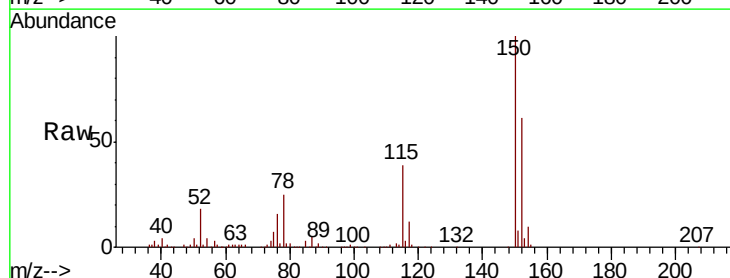
Acq: 17 Aug 2020 14:25

Tgt Ion: 75 Resp: 14723

Ion Ratio Lower Upper

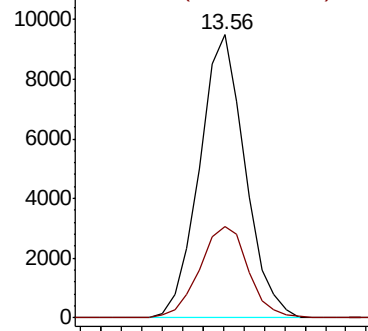
75 100

77 34.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



Time-->

