

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016215.D
 Acq On : 17 Aug 2020 14:01
 Operator : SY/VA
 Sample : L3702-08
 Misc : 5.03G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP3

Quant Time: Aug 18 03:22:55 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	422941	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	389147	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	160915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95167	18.15	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.60%
7) Chloroethane-d5	2.89	69	75609	19.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.00%
10) 1,1-Dichloroethene-d2	4.01	63	162374	14.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.32%
20) 2-Butanone-d5	7.09	46	42702	30.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.90%
24) Chloroform-d	7.65	84	227941	20.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.32%
26) 1,2-Dichloroethane-d4	8.31	65	107727	17.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.48%
29) Benzene-d6	8.28	84	456163	21.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.20%
33) 1,2-Dichloropropane-d6	9.28	67	131806	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.68%
37) Toluene-d8	10.32	98	414875	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.48%
38) trans-1,3-Dichloropropene-	10.58	79	51857	18.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.12%
39) 2-Hexanone-d5	10.93	63	34455	32.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92999	18.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	136598	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds

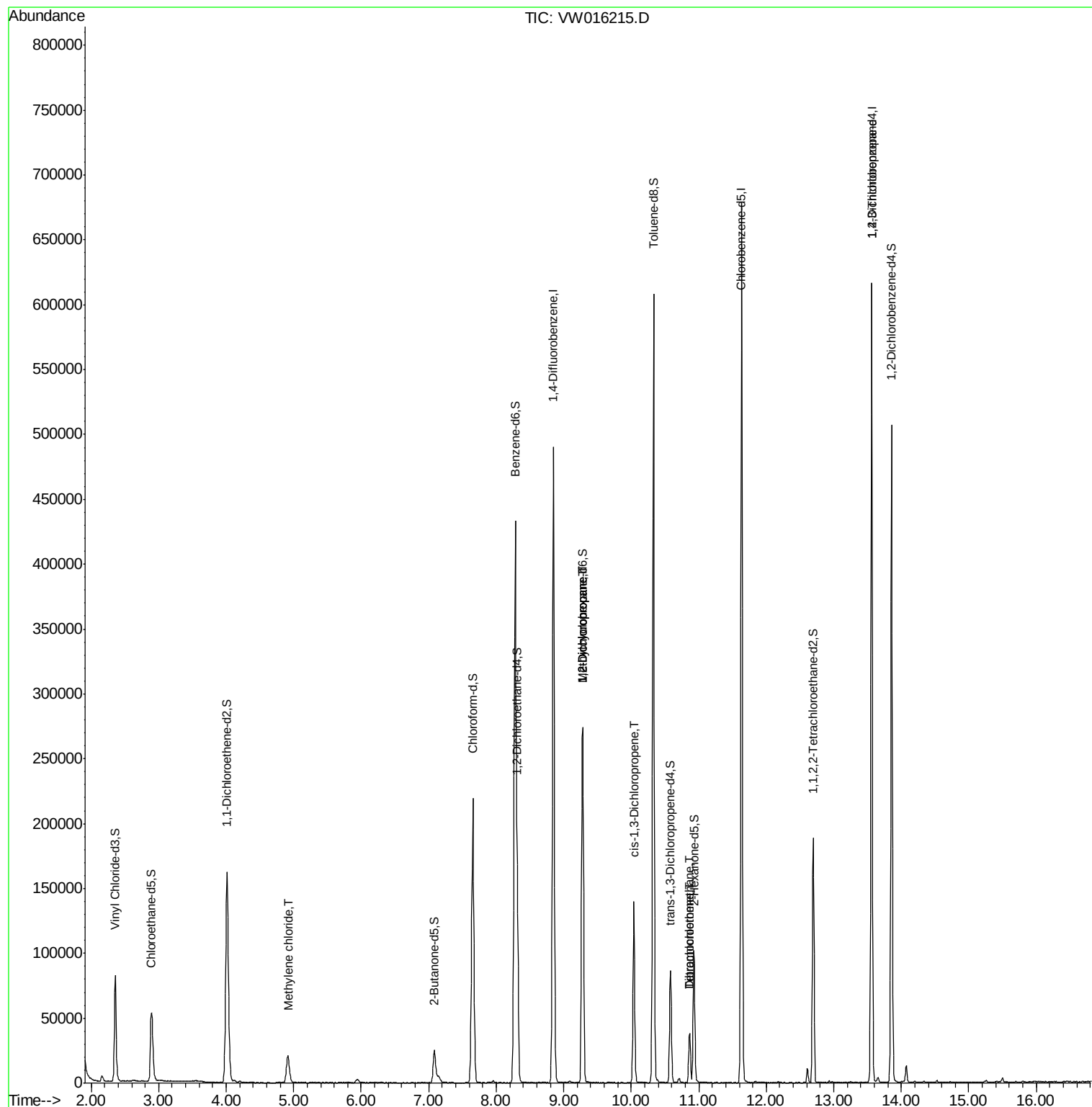
					Ovalue
16) Methylene chloride	4.91	84	17093	2.559 ug/L	96
36) Methylcyclohexane	9.28	83	33761	3.396 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	14340	2.602 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3685	0.439 ug/L	83
47) Tetrachloroethene	10.87	164	9132	2.019 ug/L	96
50) Dibromochloromethane	10.87	129	9067	1.775 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	19012	4.958 ug/L	90

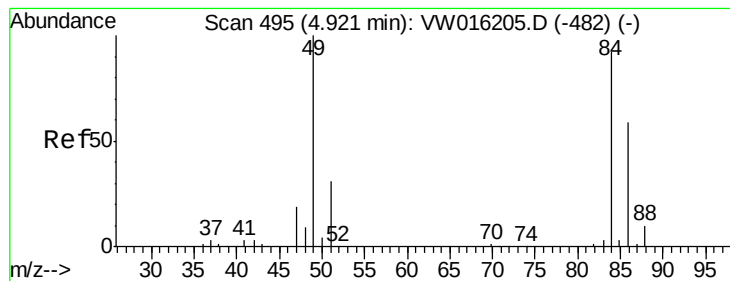
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.559 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW016215.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_W

ClientSampled :

BFSP3

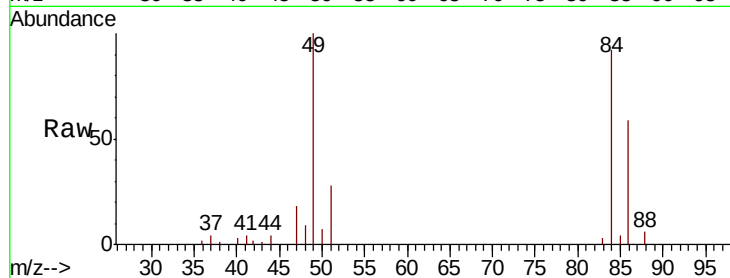
Tot Ion: 84 Resp: 17093

Ion Ratio Lower Upper

84 100

49 108.5 80.4 149.4

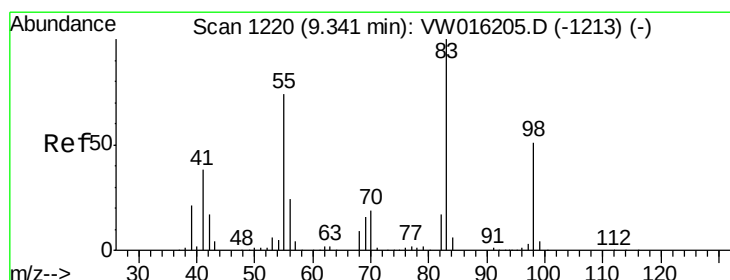
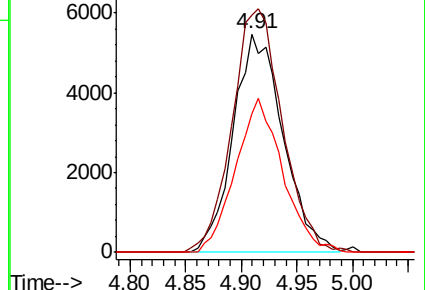
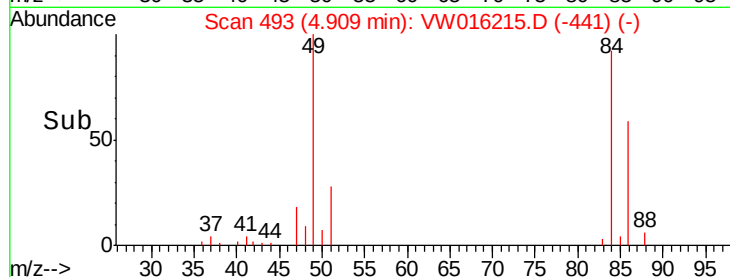
86 63.8 43.8 81.3



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: 3.396 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW016215.D

Acq: 17 Aug 2020 14:01

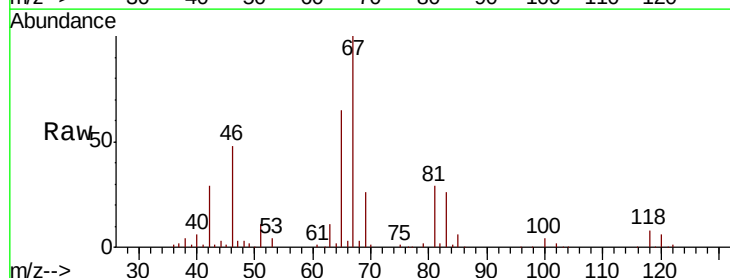
Tgt Ion: 83 Resp: 33761

Ion Ratio Lower Upper

83 100

55 0.2 60.7 91.1#

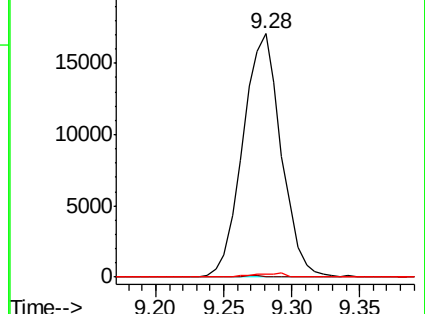
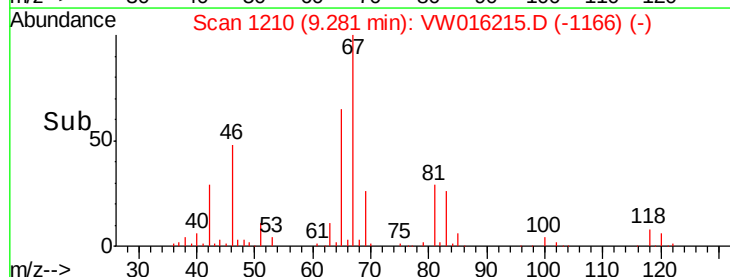
98 1.1 39.4 59.0#

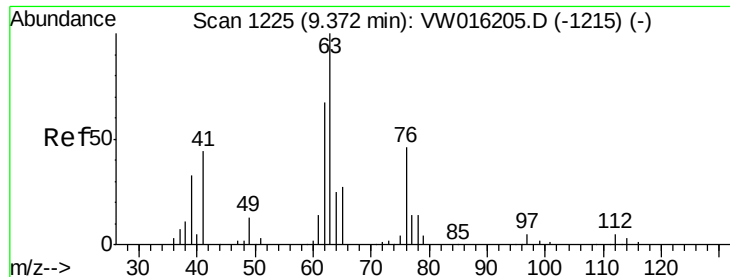


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

1,2-Dichloropropane

Concen: 2.602 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016215.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

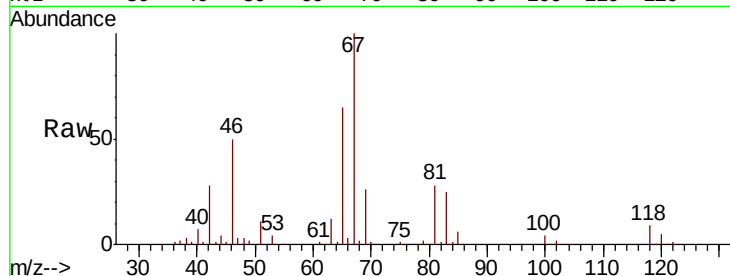
BFSP3

Tot Ion: 63 Resp: 14340

Ion Ratio Lower Upper

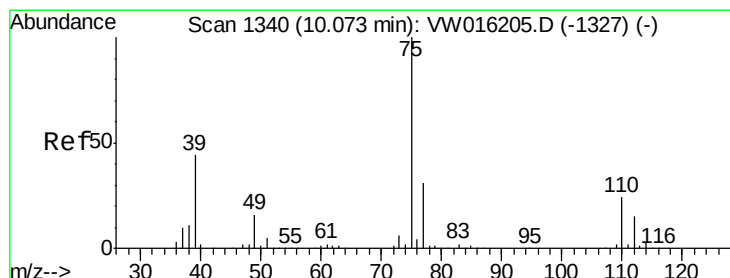
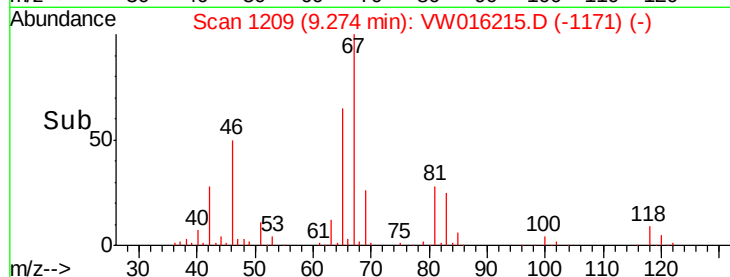
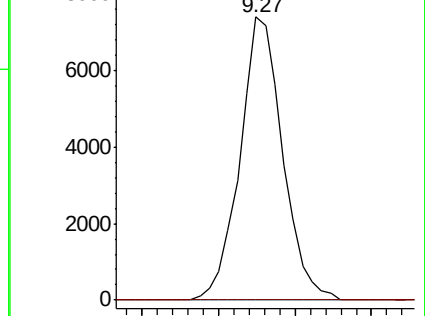
63 100

112 0.6 4.0 6.0#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.439 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016215.D

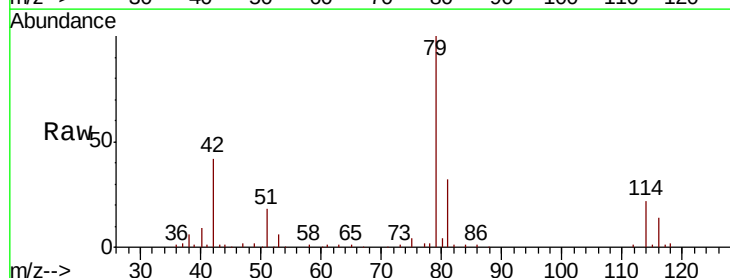
Acq: 17 Aug 2020 14:01

Tgt Ion: 75 Resp: 3685

Ion Ratio Lower Upper

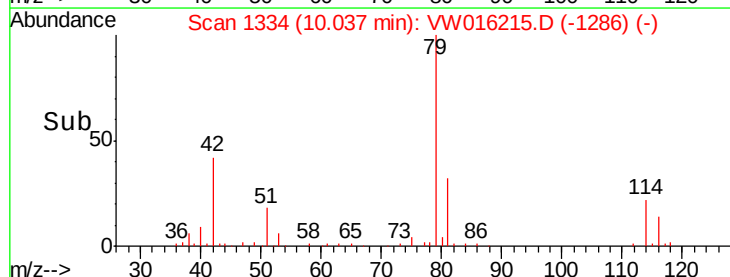
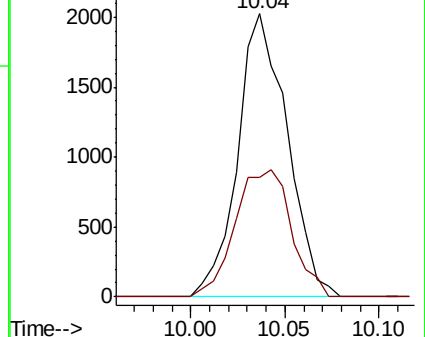
75 100

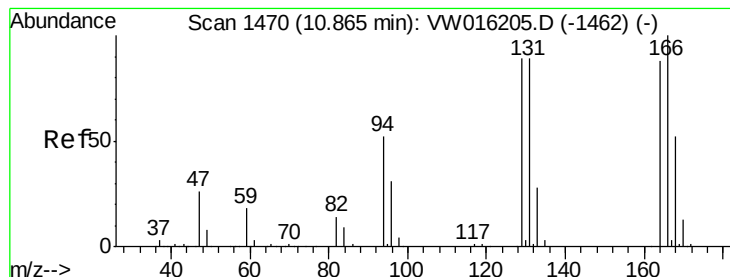
77 42.0 22.9 42.5



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 2.019 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016215.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

BFSP3

Tot Ion:164 Resp: 9132

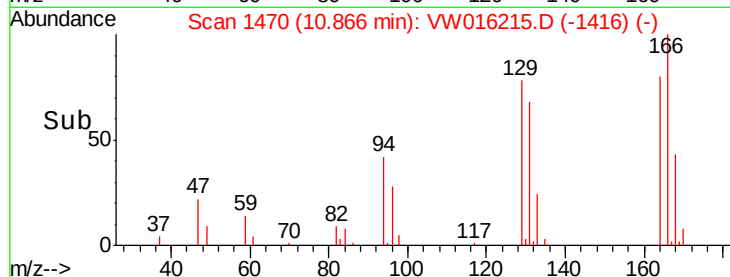
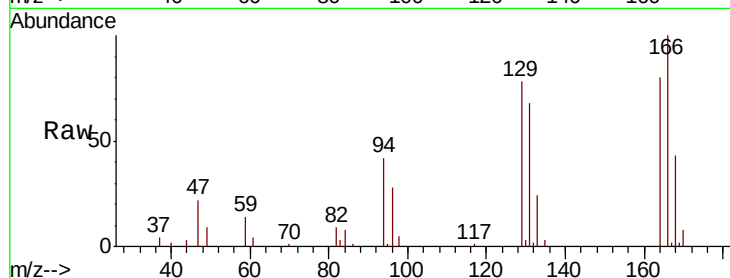
Ion Ratio Lower Upper

164 100

129 97.3 71.5 132.9

131 85.8 65.4 121.4

166 125.5 86.9 161.5



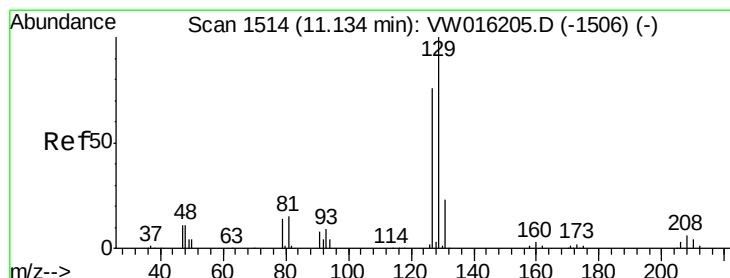
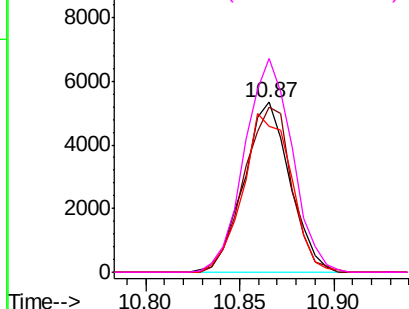
Abundance

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



#50

Dibromochloromethane

Concen: 1.775 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.27 min

Lab File: VW016215.D

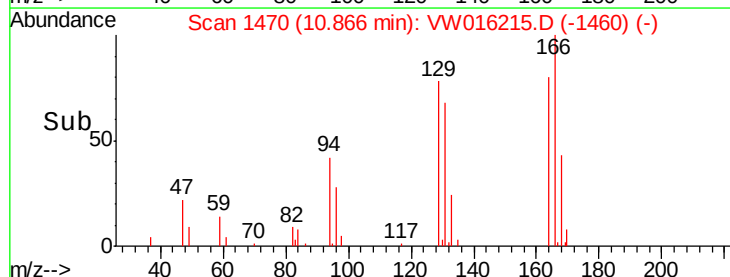
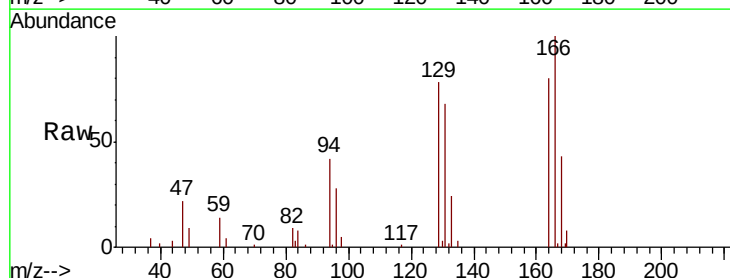
Acq: 17 Aug 2020 14:01

Tgt Ion:129 Resp: 9067

Ion Ratio Lower Upper

129 100

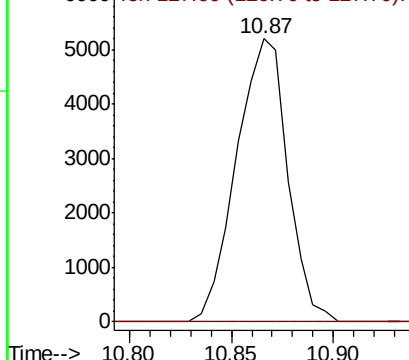
127 0.0 55.4 102.8#

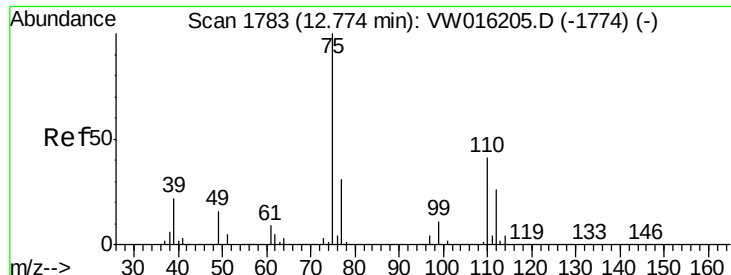


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.958 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016215.D

Acq: 17 Aug 2020 14:01

Instrument :

MSVOA_W

ClientSampleId :

BFSP3

Tot Ion: 75 Resp: 19012

Ion Ratio Lower Upper

75 100

77 37.9 25.9 38.9

