

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016058.D
 Acq On : 06 Aug 2020 21:03
 Operator : SY/VA
 Sample : L3564-15
 Misc : 5.35G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSN2

Quant Time: Aug 07 07:44:41 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	349999	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	320551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	141232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	70751	14.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.32%
7) Chloroethane-d5	2.89	69	61702	15.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.52%
10) 1,1-Dichloroethene-d2	4.01	63	123183	12.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.36%
20) 2-Butanone-d5	7.09	46	39126	30.16	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.32%
24) Chloroform-d	7.65	84	189728	19.30	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.20%
26) 1,2-Dichloroethane-d4	8.31	65	93950	17.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.64%#
29) Benzene-d6	8.27	84	372049	19.07	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.28%
33) 1,2-Dichloropropane-d6	9.27	67	110794	18.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.76%
37) Toluene-d8	10.32	98	342849	19.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.60%
38) trans-1,3-Dichloropropene-	10.58	79	42561	17.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.28%
39) 2-Hexanone-d5	10.93	63	32023	32.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	83448	18.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	121698	22.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.40%

Target Compounds

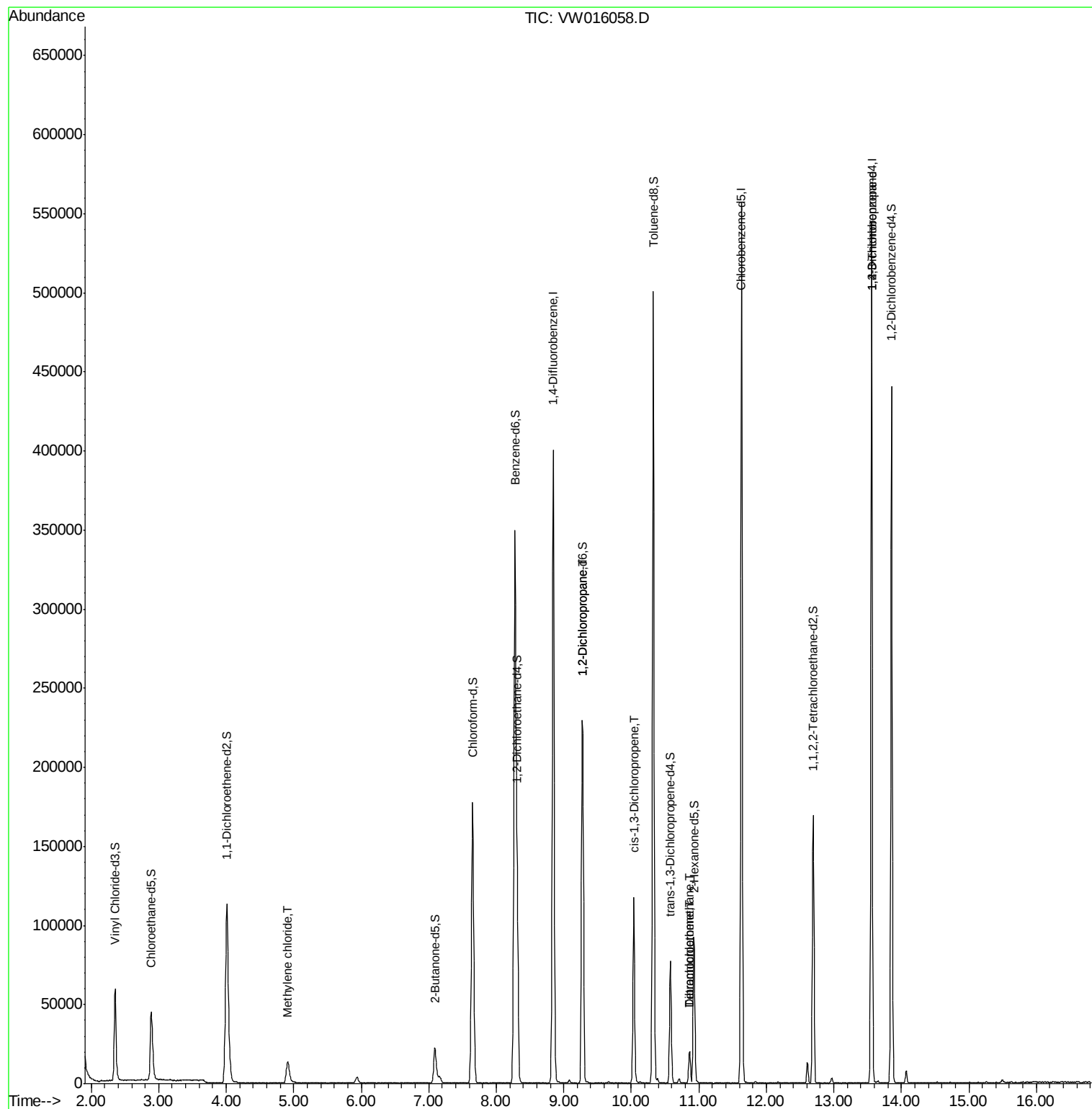
					Ovalue
16) Methylene chloride	4.91	84	12050	2.101	ug/L 86
40) 1,2-Dichloropropane	9.27	63	12133	2.516	ug/L # 87
42) cis-1,3-Dichloropropene	10.04	75	2668	0.363	ug/L # 61
47) Tetrachloroethene	10.87	164	4812	1.204	ug/L 94
50) Dibromochloromethane	10.86	129	4572	1.139	ug/L # 11
59) 1,2,3-Trichloropropane	13.56	75	15364	5.035	ug/L 92

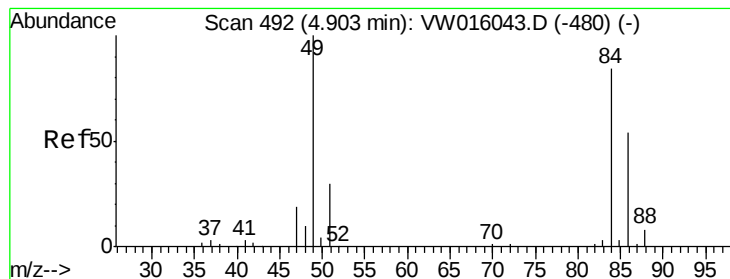
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080620\
Data File : VW016058.D
Acq On : 06 Aug 2020 21:03
Operator : SY/VA
Sample : L3564-15
Misc : 5.35G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFSN2

Quant Time: Aug 07 07:44:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.101 ug/L

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW016058.D

Acq: 06 Aug 2020 21:03

Instrument :

MSVOA_W

ClientSampled :

BFSN2

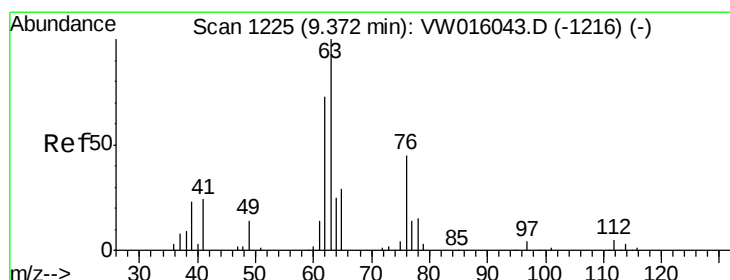
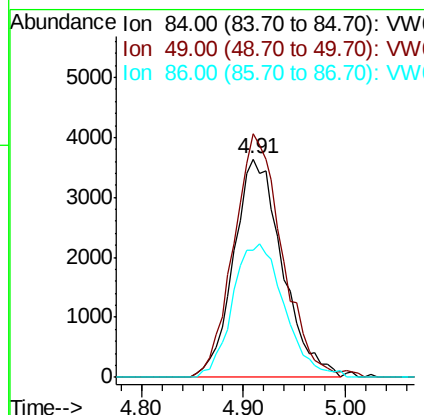
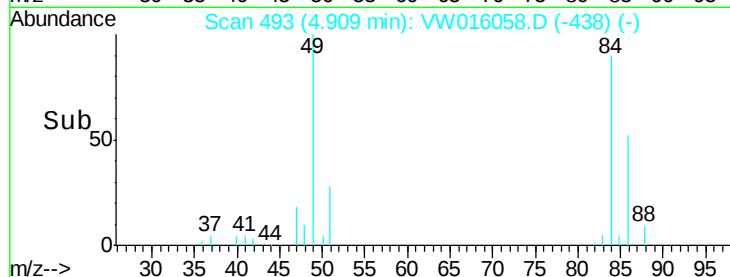
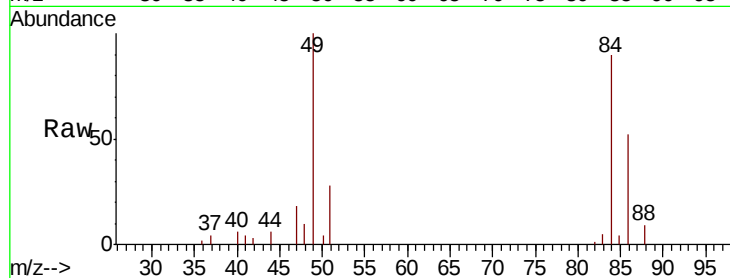
Tot Ion: 84 Resp: 12050

Ion Ratio Lower Upper

84 100

49 111.4 91.1 169.1

86 58.5 46.0 85.4



#40

1,2-Dichloropropane

Concen: 2.516 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016058.D

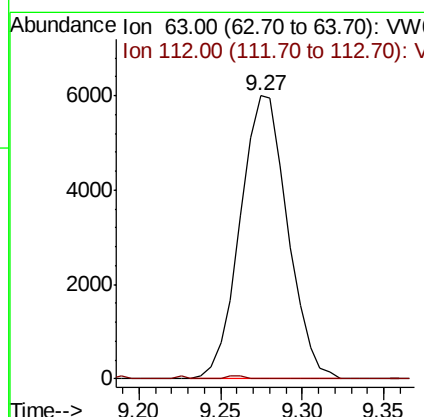
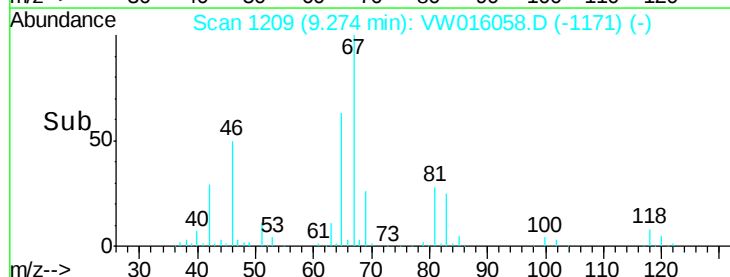
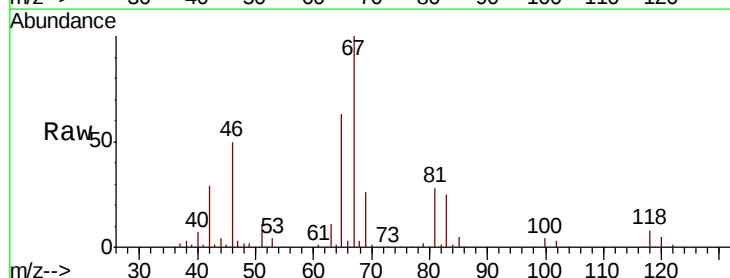
Acq: 06 Aug 2020 21:03

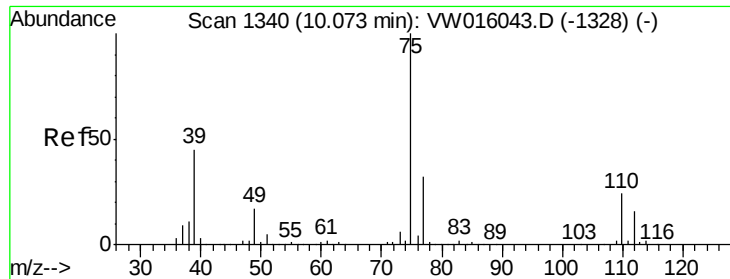
Tgt Ion: 63 Resp: 12133

Ion Ratio Lower Upper

63 100

112 0.3 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.363 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016058.D

Acq: 06 Aug 2020 21:03

Instrument :

MSVOA_W

ClientSampleId :

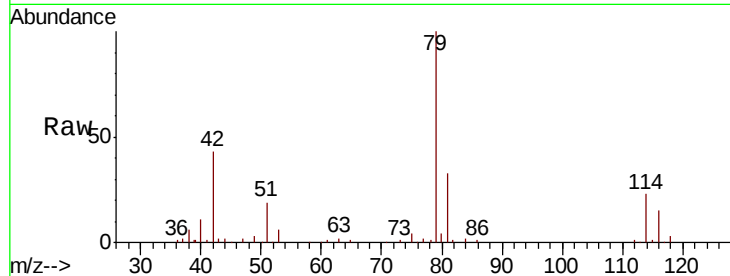
BFSN2

Tot Ion: 75 Resp: 2668

Ion Ratio Lower Upper

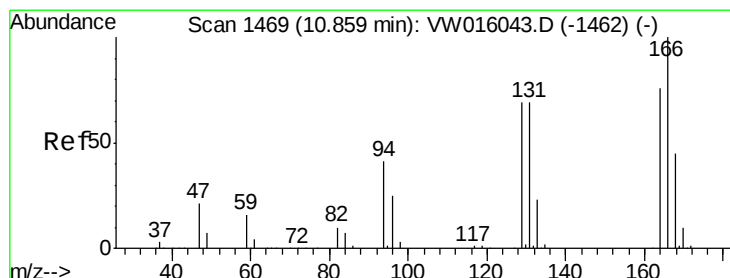
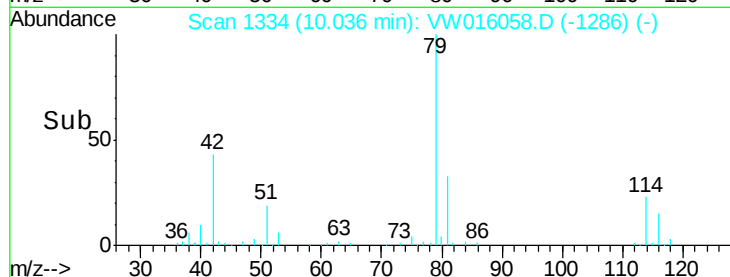
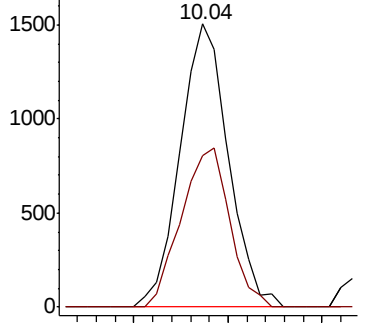
75 100

77 53.3 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#47

Tetrachloroethene

Concen: 1.204 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016058.D

Acq: 06 Aug 2020 21:03

Tgt Ion: 164 Resp: 4812

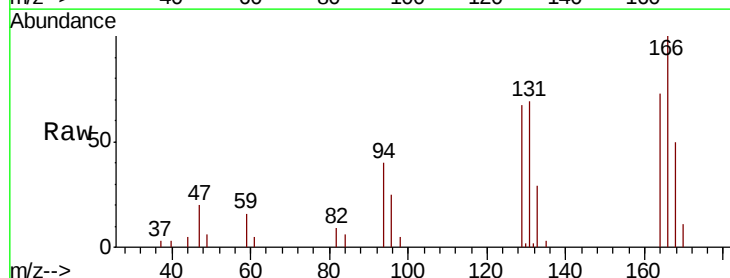
Ion Ratio Lower Upper

164 100

129 94.0 70.0 130.0

131 95.0 67.3 124.9

166 136.7 88.5 164.3

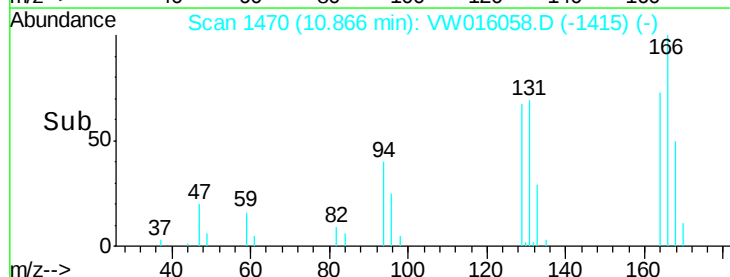
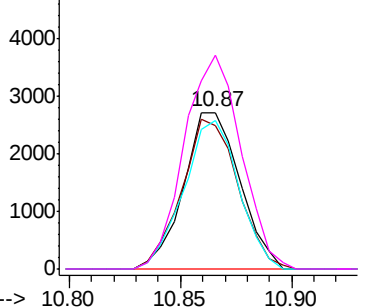


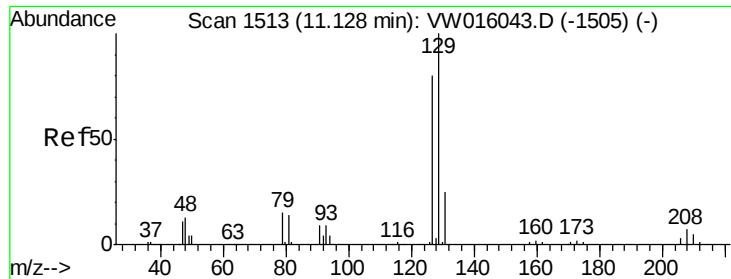
Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.139 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW016058.D

Acq: 06 Aug 2020 21:03

Instrument :

MSVOA_W

ClientSampleId :

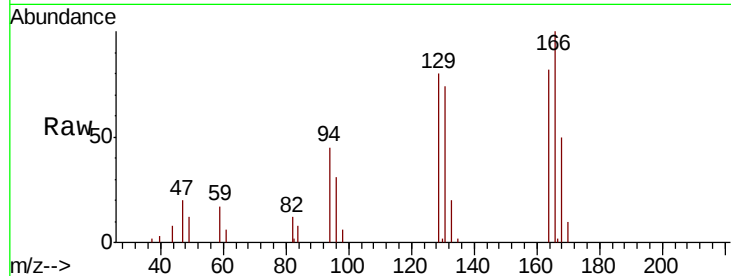
BFSN2

Tot Ion:129 Resp: 4572

Ion Ratio Lower Upper

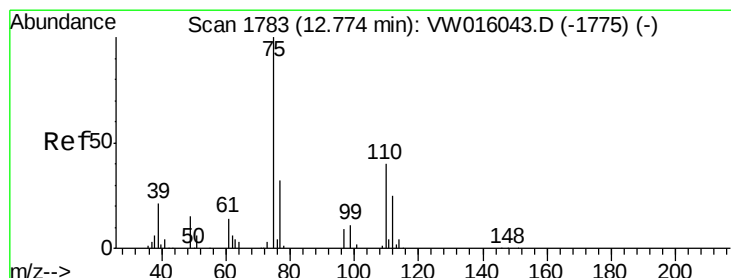
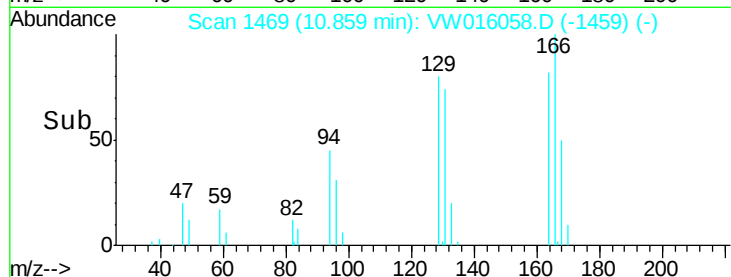
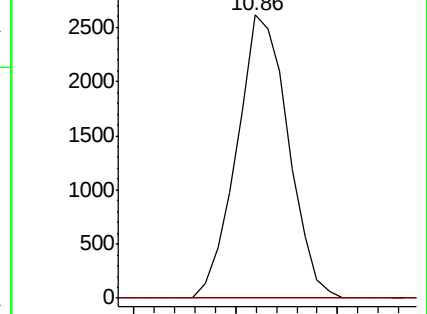
129 100

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: 5.035 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016058.D

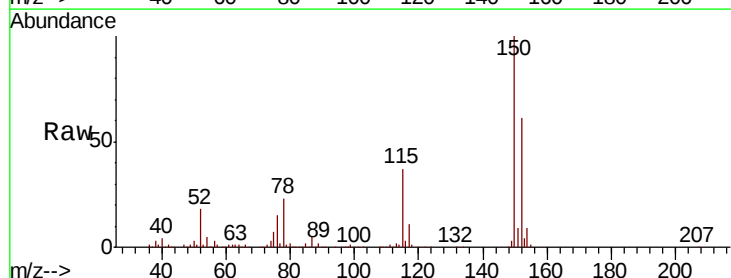
Acq: 06 Aug 2020 21:03

Tgt Ion: 75 Resp: 15364

Ion Ratio Lower Upper

75 100

77 37.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

