

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016070.D
 Acq On : 07 Aug 2020 12:11
 Operator : SY/VA
 Sample : L3579-06
 Misc : 6.04G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 03:21:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 03:18:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	342013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	311848	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134719	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	69653	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
7) Chloroethane-d5	2.90	69	61090	15.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.36%
10) 1,1-Dichloroethene-d2	4.01	63	119316	12.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.92%
20) 2-Butanone-d5	7.09	46	41251	32.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.08%
24) Chloroform-d	7.65	84	184332	19.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.76%
26) 1,2-Dichloroethane-d4	8.31	65	94700	17.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.84%
29) Benzene-d6	8.28	84	366068	19.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.16%
33) 1,2-Dichloropropane-d6	9.27	67	110296	19.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.52%
37) Toluene-d8	10.33	98	329942	19.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.76%
38) trans-1,3-Dichloropropene-	10.58	79	42921	17.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.80%
39) 2-Hexanone-d5	10.93	63	34099	35.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85356	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	117178	22.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.24%

Target Compounds

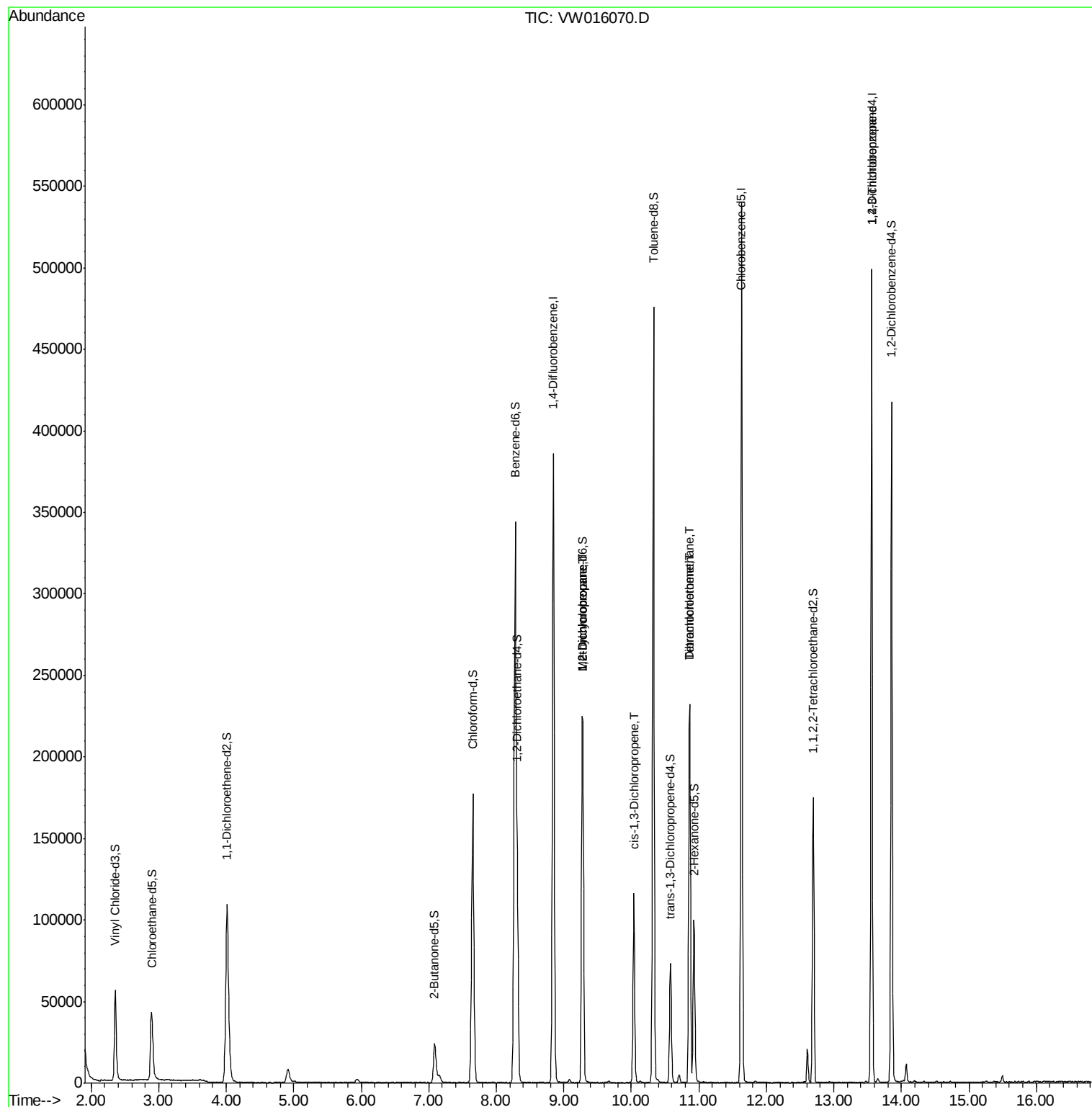
					Ovalue
36) Methylcyclohexane	9.27	83	27750	3.228 ug/L #	18
40) 1,2-Dichloropropane	9.27	63	12025	2.563 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2775	0.388 ug/L #	71
47) Tetrachloroethene	10.87	164	56686	14.576 ug/L	93
50) Dibromochloromethane	10.87	129	52066	13.328 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	14717	4.958 ug/L	96

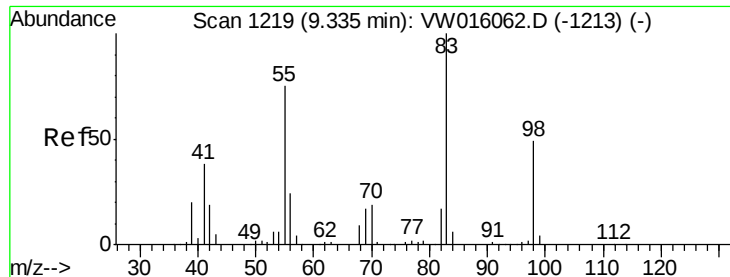
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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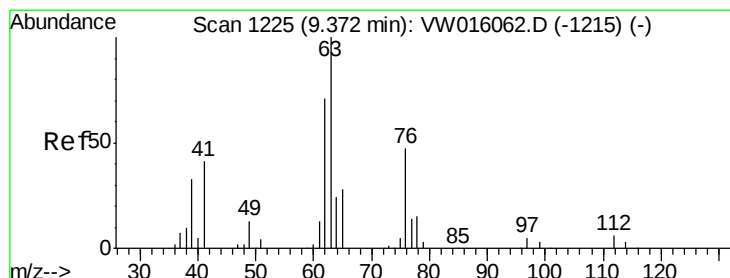
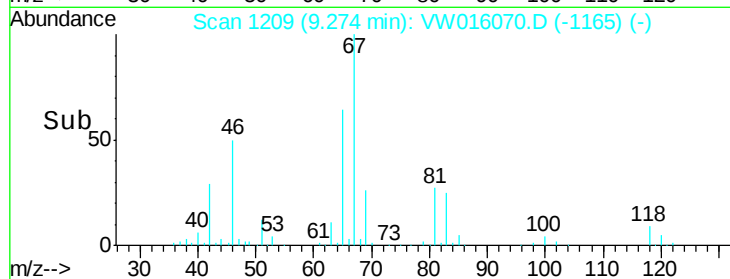
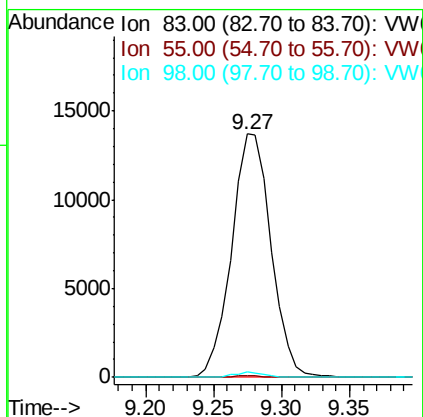
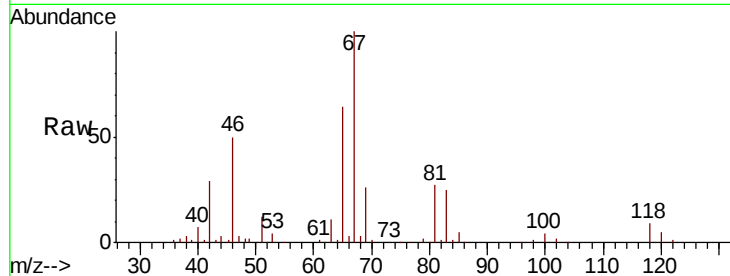




#36
Methvlcvclohexane
Concen: 3.228 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW016070.D
Acq: 07 Aug 2020 12:11

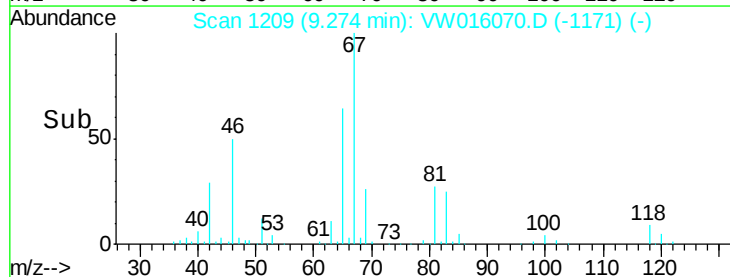
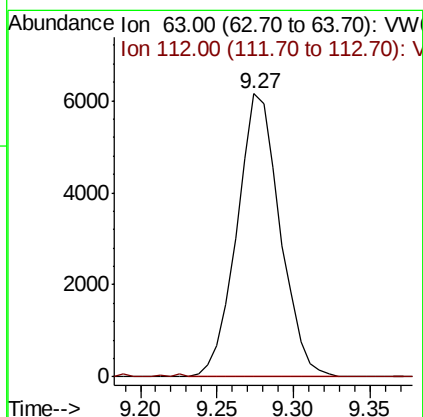
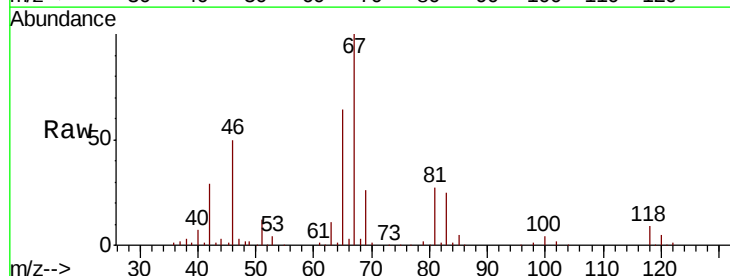
Instrument :
MSVOA_W
ClientSampleId :

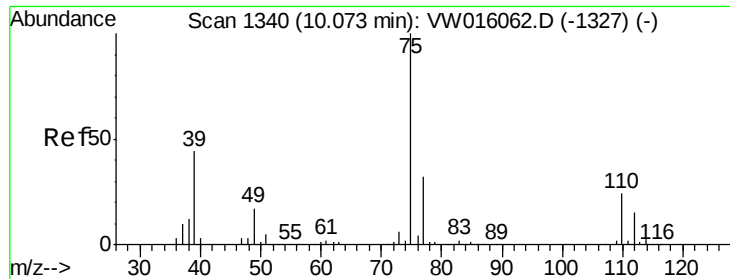
Tot Ion: 83 Resp: 27750
Ion Ratio Lower Upper
83 100
55 0.5 63.5 95.3#
98 1.6 39.0 58.4#



#40
1,2-Dichloropropane
Concen: 2.563 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016070.D
Acq: 07 Aug 2020 12:11

Tgt Ion: 63 Resp: 12025
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#





#42

cis-1,3-Dichloropropene

Concen: 0.388 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016070.D

Acq: 07 Aug 2020 12:11

Instrument :

MSVOA_W

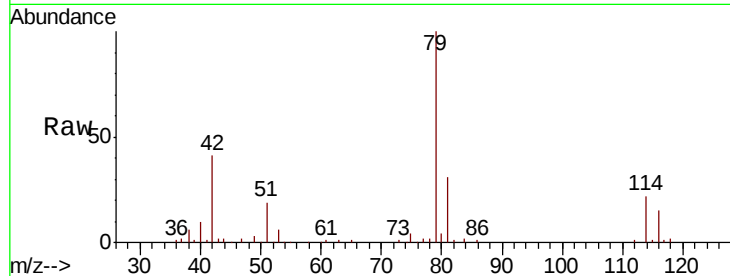
ClientSampleId :

Tot Ion: 75 Resp: 2775

Ion Ratio Lower Upper

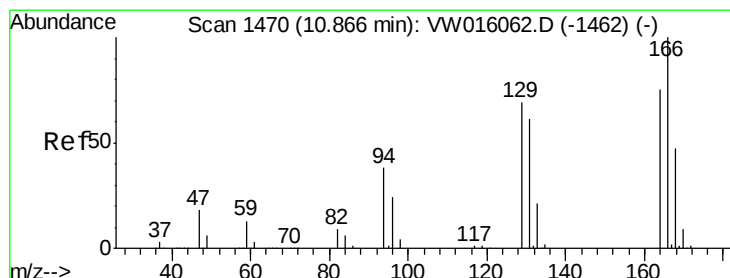
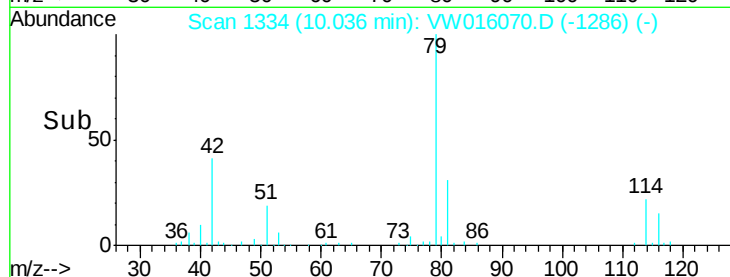
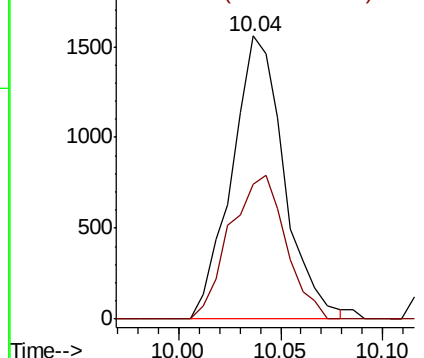
75 100

77 47.9 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: 14.576 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW016070.D

Acq: 07 Aug 2020 12:11

Tgt Ion: 164 Resp: 56686

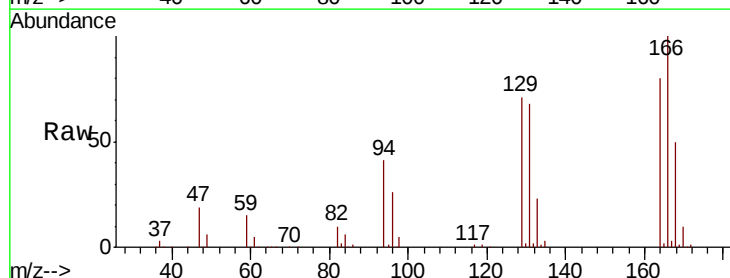
Ion Ratio Lower Upper

164 100

129 89.1 70.0 130.0

131 85.3 67.3 124.9

166 125.7 88.5 164.3

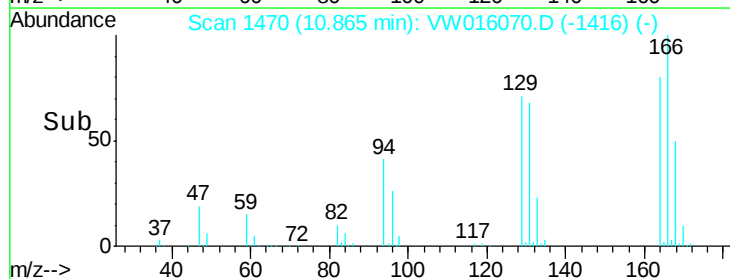
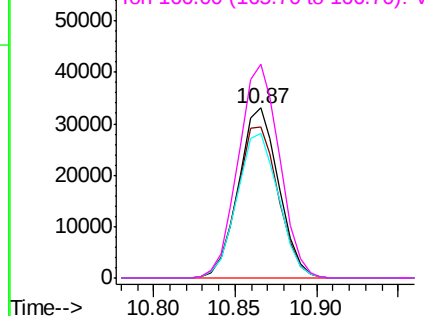


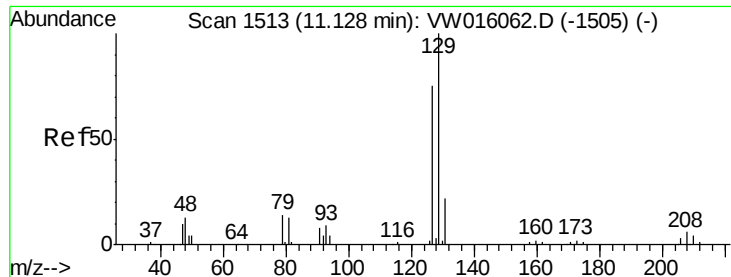
Abundance Ion 164.00 (163.70 to 164.70): V

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: 13.328 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016070.D

Acq: 07 Aug 2020 12:11

Instrument :

MSVOA_W

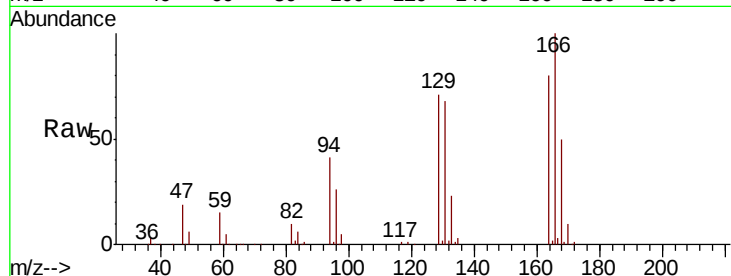
ClientSampleId :

Tot Ion:129 Resp: 52066

Ion Ratio Lower Upper

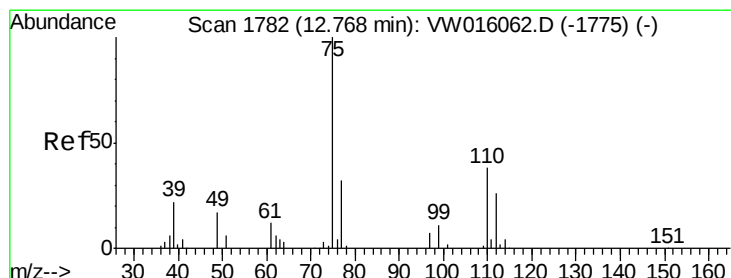
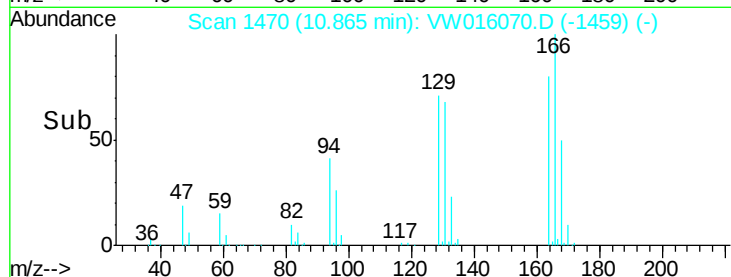
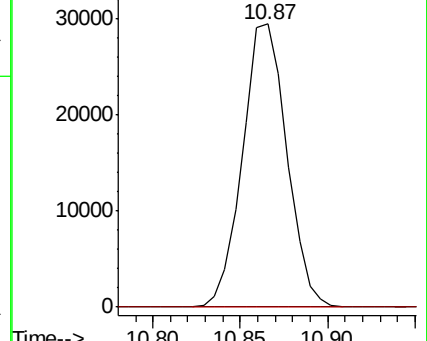
129 100

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: 4.958 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016070.D

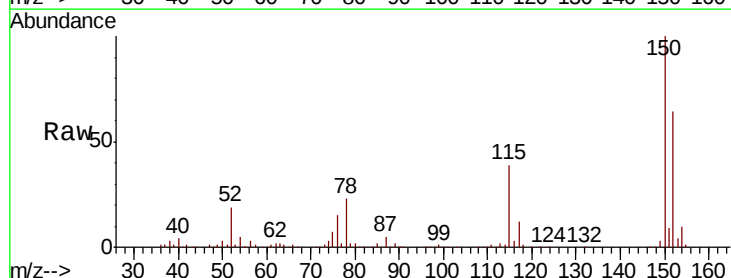
Acq: 07 Aug 2020 12:11

Tgt Ion: 75 Resp: 14717

Ion Ratio Lower Upper

75 100

77 34.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

