

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082020\
 Data File : VW016264.D
 Acq On : 20 Aug 2020 14:09
 Operator : SY/VA
 Sample : L3767-08
 Misc : 6.25G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 21 03:30:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 21 03:27:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	415625	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373551	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162499	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	69640	13.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.04%
7) Chloroethane-d5	2.89	69	59567	15.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.92%
10) 1,1-Dichloroethene-d2	4.02	63	119781	10.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.76%#
20) 2-Butanone-d5	7.08	46	35118	25.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.80%
24) Chloroform-d	7.65	84	189961	17.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.12%
26) 1,2-Dichloroethane-d4	8.31	65	90037	15.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.80%#
29) Benzene-d6	8.28	84	360748	17.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.00%
33) 1,2-Dichloropropane-d6	9.27	67	106790	17.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.48%
37) Toluene-d8	10.33	98	319666	17.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.60%
38) trans-1,3-Dichloropropene-	10.58	79	42365	15.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.08%
39) 2-Hexanone-d5	10.93	63	29292	28.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.82%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79452	16.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	65.32%
61) 1,2-Dichlorobenzene-d4	13.85	152	114308	19.84	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.36%

Target Compounds

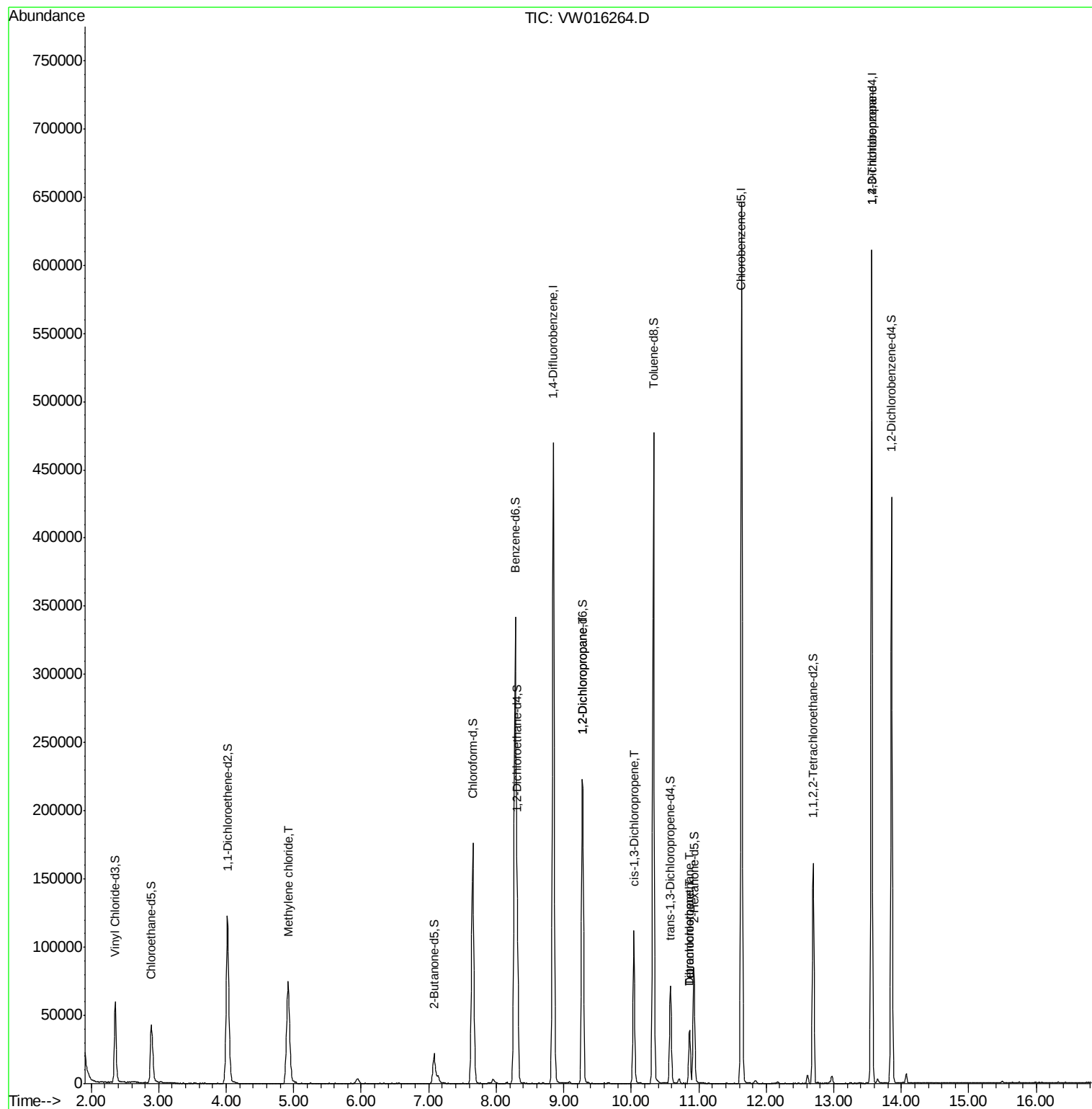
					Ovalue
16) Methylene chloride	4.92	84	63808	9.723 ug/L	94
40) 1,2-Dichloropropane	9.27	63	11698	2.211 ug/L #	89
42) cis-1,3-Dichloropropene	10.04	75	2789	0.346 ug/L #	50
47) Tetrachloroethene	10.86	164	8832	2.034 ug/L	95
50) Dibromochloromethane	10.87	129	9209	1.878 ug/L #	10
59) 1,2,3-Trichloropropane	13.56	75	18520	5.032 ug/L	93

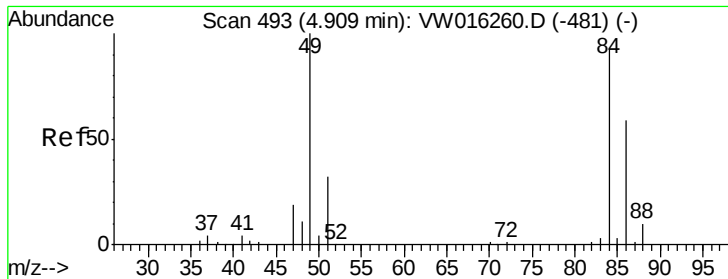
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082020\
Data File : VW016264.D
Acq On : 20 Aug 2020 14:09
Operator : SY/VA
Sample : L3767-08
Misc : 6.25G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 21 03:30:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 21 03:27:50 2020
Response via : Initial Calibration

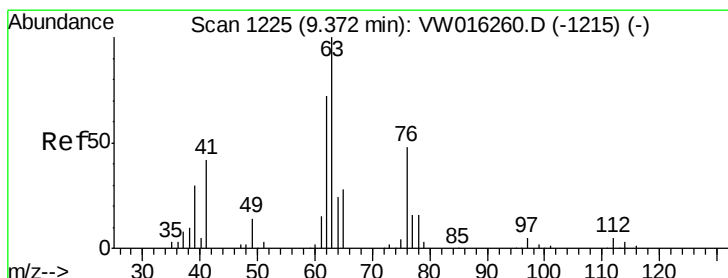
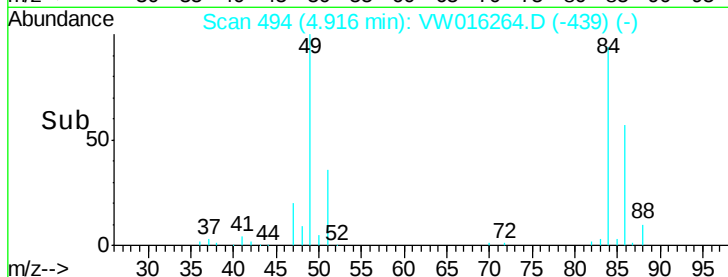
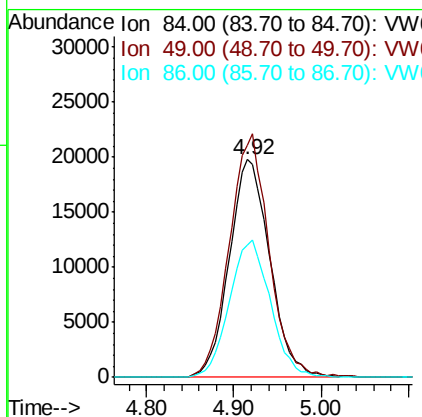
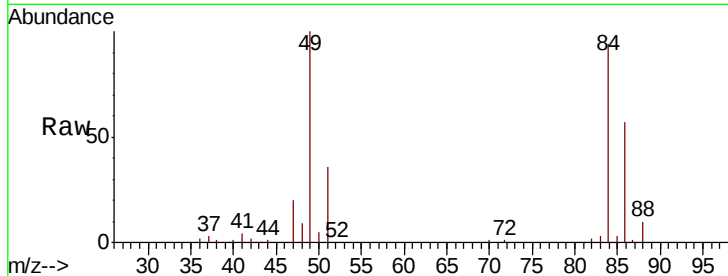




#16
Methylene chloride
Concen: 9.723 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW016264.D
Acq: 20 Aug 2020 14:09

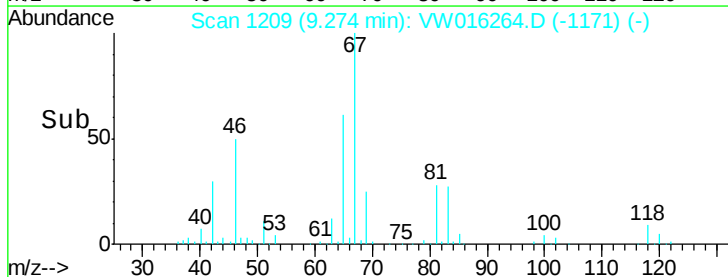
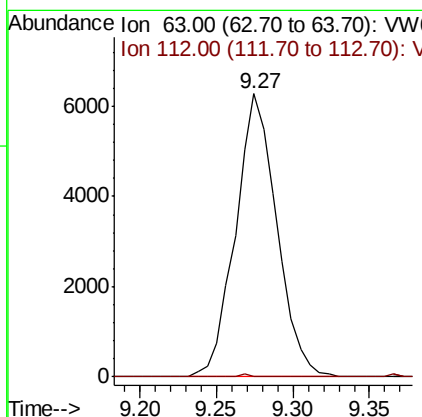
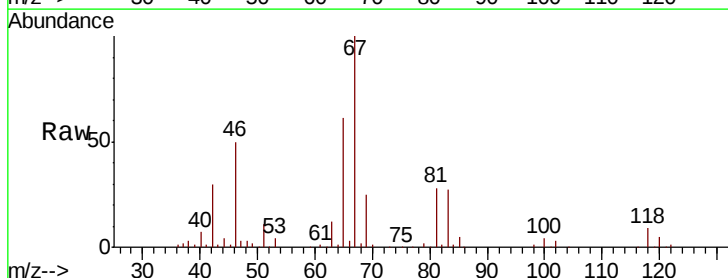
Instrument :
MSVOA_W
ClientSampleId :

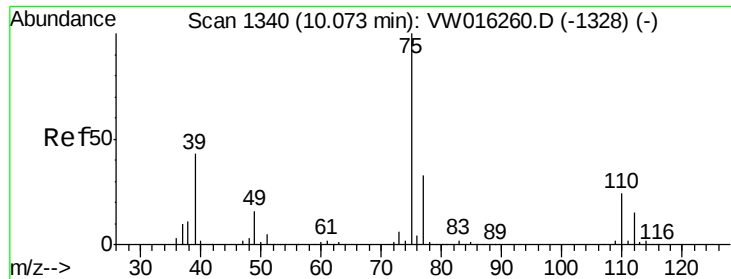
Tot Ion: 84 Resp: 63808
Ion Ratio Lower Upper
84 100
49 106.6 80.4 149.4
86 60.9 43.8 81.3



#40
1,2-Dichloropropane
Concen: 2.211 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW016264.D
Acq: 20 Aug 2020 14:09

Tgt Ion: 63 Resp: 11698
Ion Ratio Lower Upper
63 100
112 1.3 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.346 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016264.D

Acq: 20 Aug 2020 14:09

Instrument :

MSVOA_W

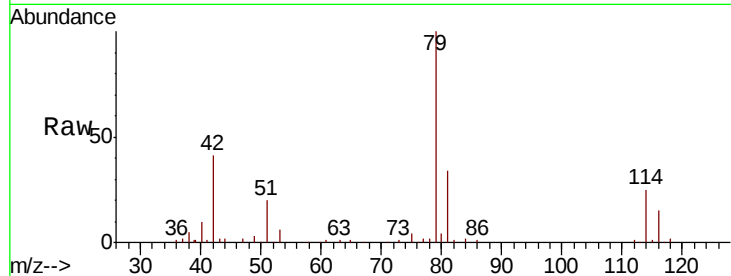
ClientSampleId :

Tot Ion: 75 Resp: 2789

Ion Ratio Lower Upper

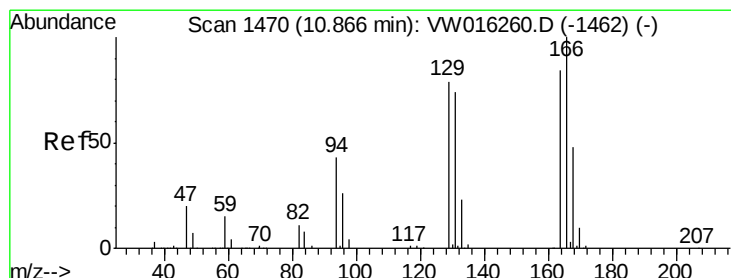
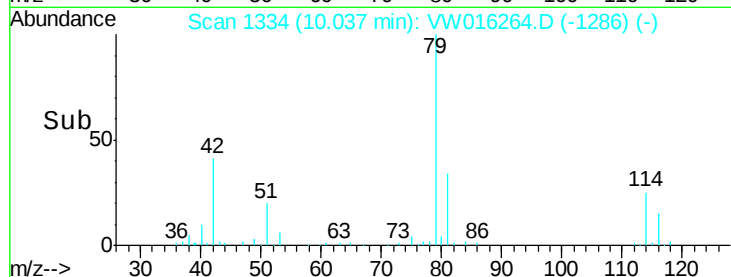
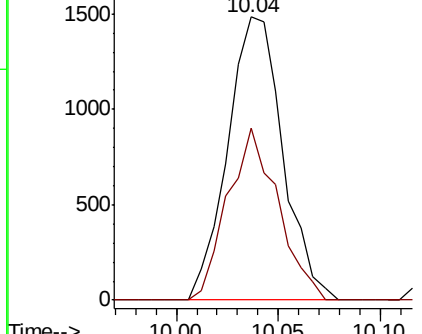
75 100

77 60.6 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: 2.034 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW016264.D

Acq: 20 Aug 2020 14:09

Tgt Ion: 164 Resp: 8832

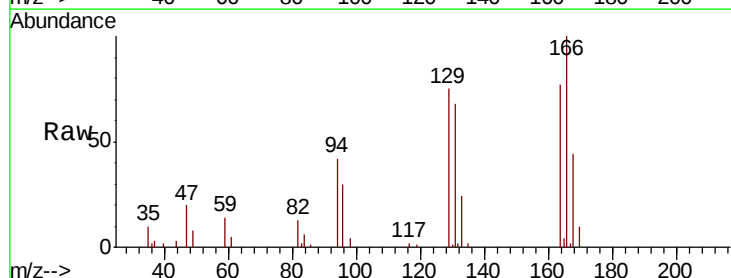
Ion Ratio Lower Upper

164 100

129 97.1 71.5 132.9

131 88.9 65.4 121.4

166 129.9 86.9 161.5

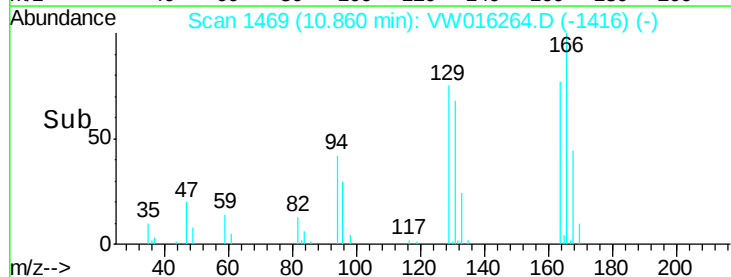
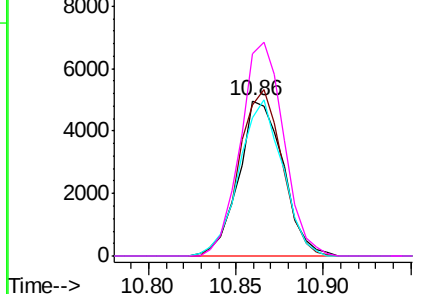


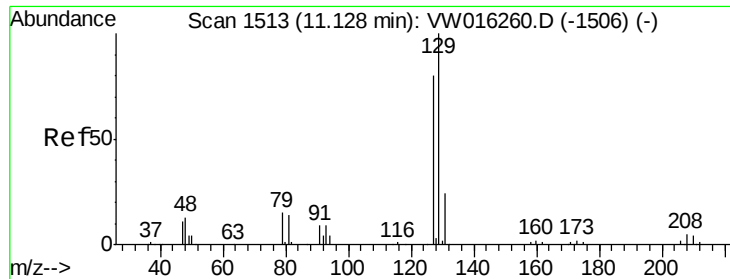
Abundance Ion 164.00 (163.70 to 164.70): V

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: 1.878 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016264.D

Acq: 20 Aug 2020 14:09

Instrument :

MSVOA_W

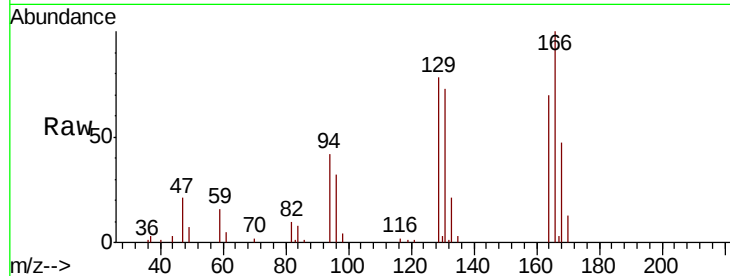
ClientSampleId :

Tot Ion:129 Resp: 9209

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

10.87

6000

5000

4000

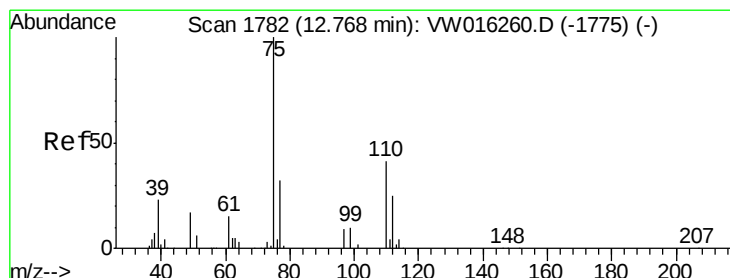
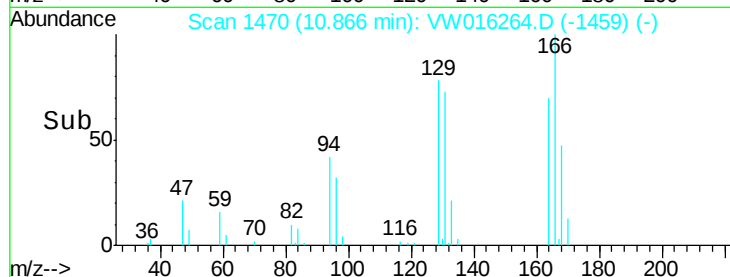
3000

2000

1000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.032 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016264.D

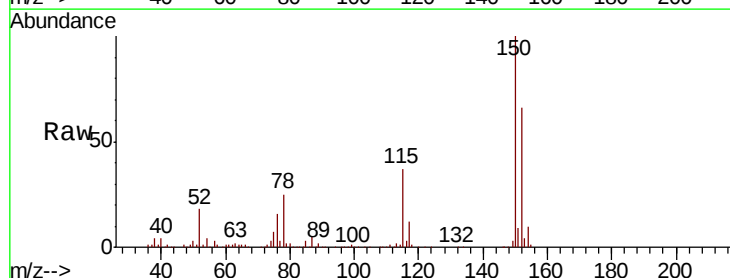
Acq: 20 Aug 2020 14:09

Tgt Ion: 75 Resp: 18520

Ion Ratio Lower Upper

75 100

77 36.4 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

10000

5000

0

Time-->

