

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\
 Data File : VW016084.D
 Acq On : 07 Aug 2020 20:57
 Operator : SY/VA
 Sample : L3564-20
 Misc : 6.48G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 08 05:11:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 05:08:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	303180	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	288963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	63381	14.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.28%
7) Chloroethane-d5	2.89	69	55994	16.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.48%
10) 1,1-Dichloroethene-d2	4.01	63	107602	12.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.76%
20) 2-Butanone-d5	7.08	46	45754	40.71	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.42%
24) Chloroform-d	7.65	84	168895	19.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.36%
26) 1,2-Dichloroethane-d4	8.31	65	89817	19.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.88%
29) Benzene-d6	8.28	84	328723	18.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.76%
33) 1,2-Dichloropropane-d6	9.27	67	101794	19.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.20%
37) Toluene-d8	10.33	98	302259	18.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.88%
38) trans-1,3-Dichloropropene-	10.58	79	40664	18.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.36%
39) 2-Hexanone-d5	10.93	63	38785	44.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89092	21.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	113017	22.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.88%

Target Compounds

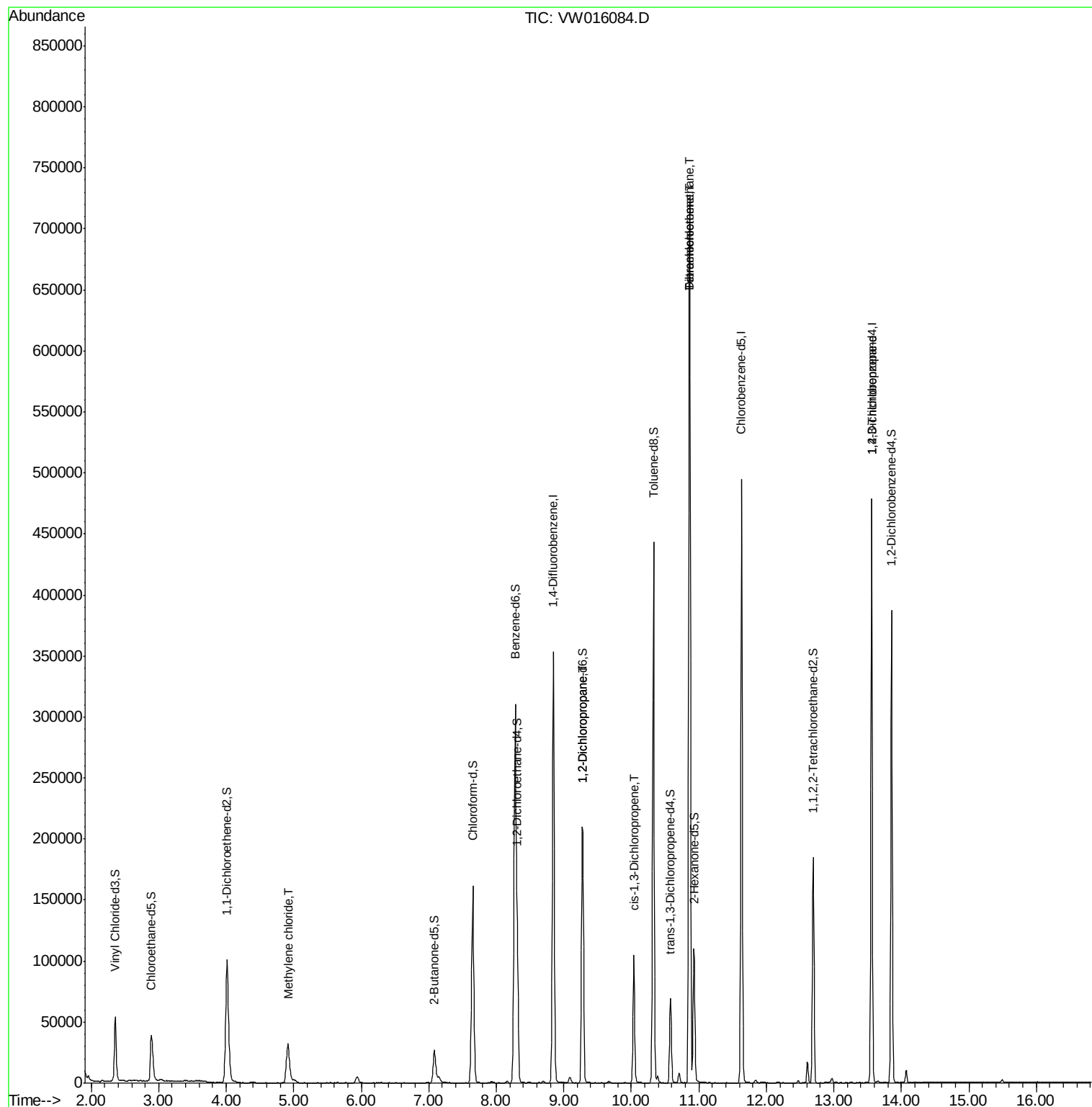
					Ovalue
16) Methylene chloride	4.92	84	27995	5.635 ug/L	87
40) 1,2-Dichloropropane	9.27	63	10887	2.504 ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	2368	0.358 ug/L #	54
47) Tetrachloroethene	10.87	164	176107	48.869 ug/L	91
50) Dibromochloromethane	10.87	129	160276	44.279 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	13608	4.947 ug/L	90

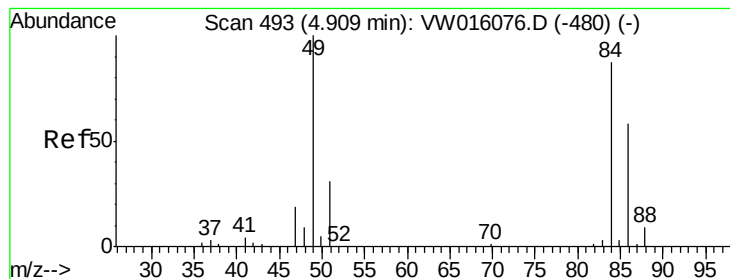
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 08 05:08:58 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 5.635 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW016084.D

Acq: 07 Aug 2020 20:57

Instrument :

MSVOA_W

ClientSampled :

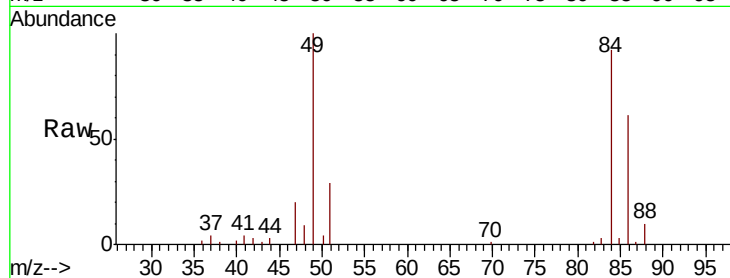
Tot Ion: 84 Resp: 27995

Ion Ratio Lower Upper

84 100

49 108.1 91.1 169.1

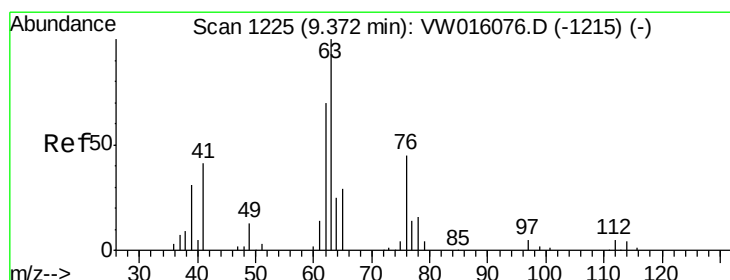
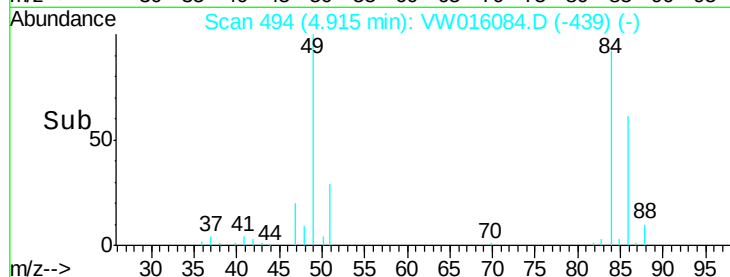
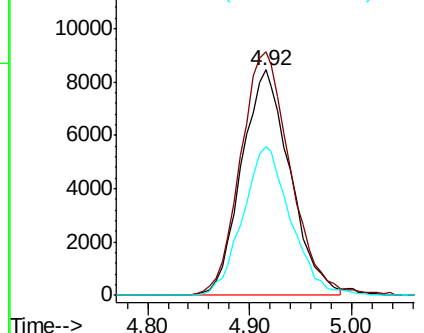
86 66.0 46.0 85.4



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: 2.504 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016084.D

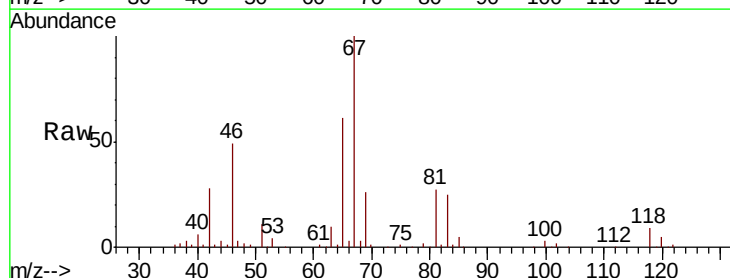
Acq: 07 Aug 2020 20:57

Tgt Ion: 63 Resp: 10887

Ion Ratio Lower Upper

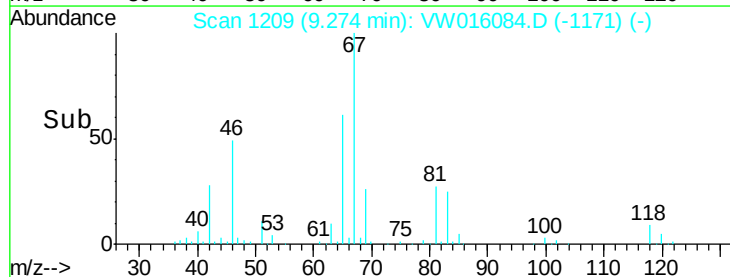
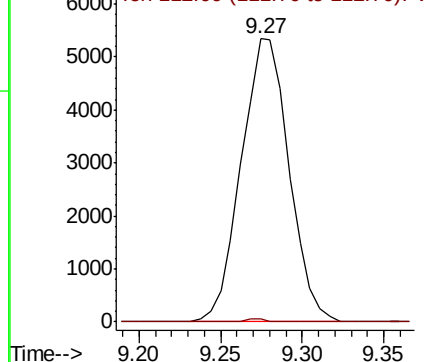
63 100

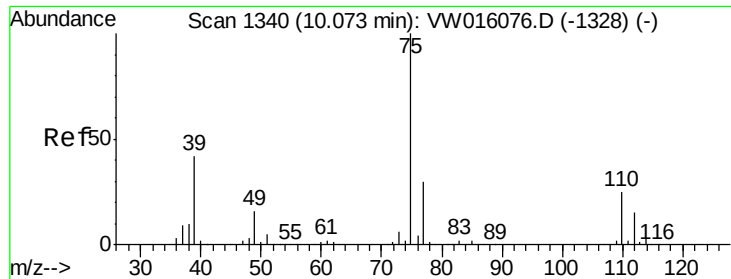
112 0.4 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

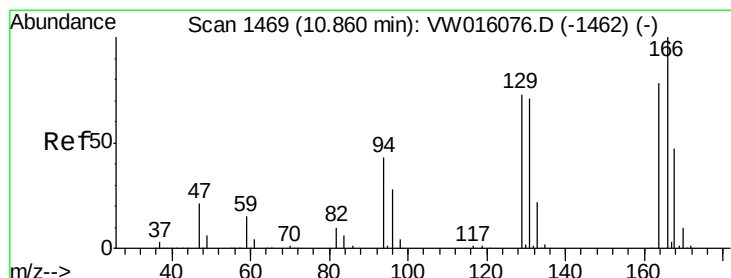
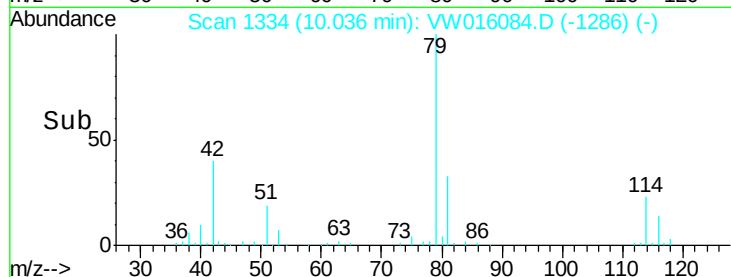
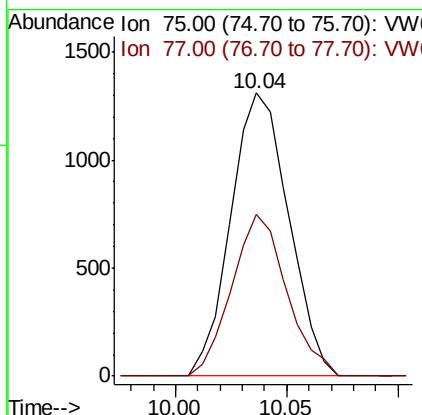
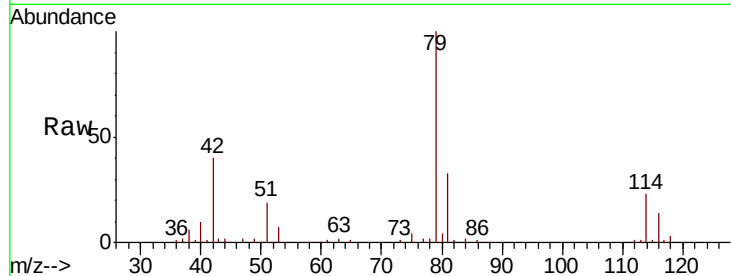




#42
 cis-1,3-Dichloropropene
 Concen: 0.358 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW016084.D
 Acq: 07 Aug 2020 20:57

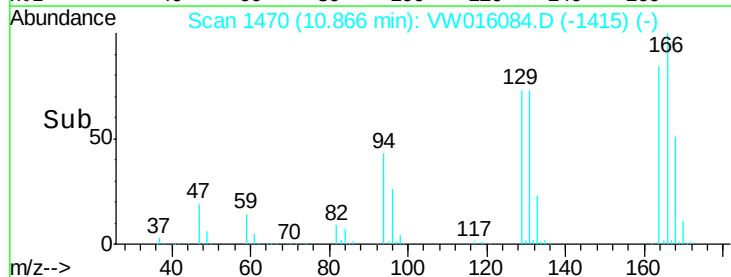
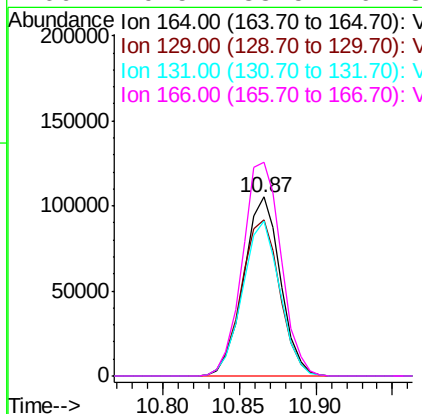
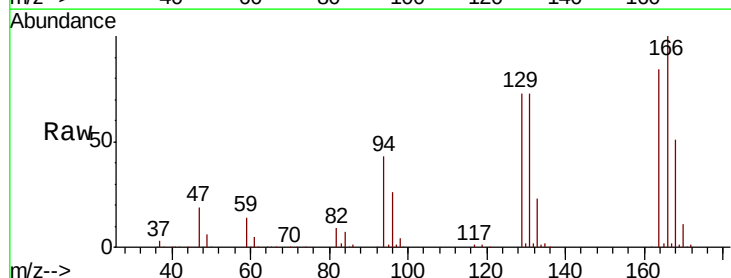
Instrument :
 MSVOA_W
 ClientSampled :

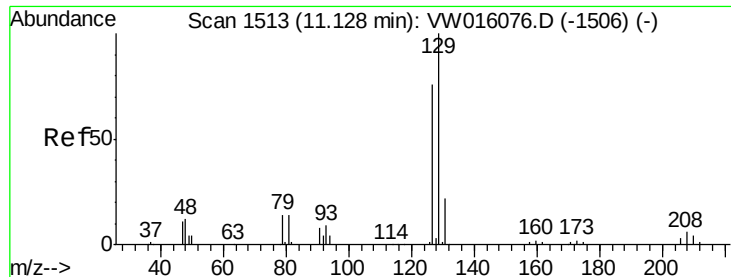
Tot Ion: 75 Resp: 2368
 Ion Ratio Lower Upper
 75 100
 77 57.1 22.2 41.2#



#47
 Tetrachloroethene
 Concen: 48.869 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW016084.D
 Acq: 07 Aug 2020 20:57

Tgt Ion: 164 Resp: 176107
 Ion Ratio Lower Upper
 164 100
 129 87.0 70.0 130.0
 131 86.9 67.3 124.9
 166 119.5 88.5 164.3





#50

Dibromochloromethane

Concen: 44.279 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016084.D

Acq: 07 Aug 2020 20:57

Instrument :

MSVOA_W

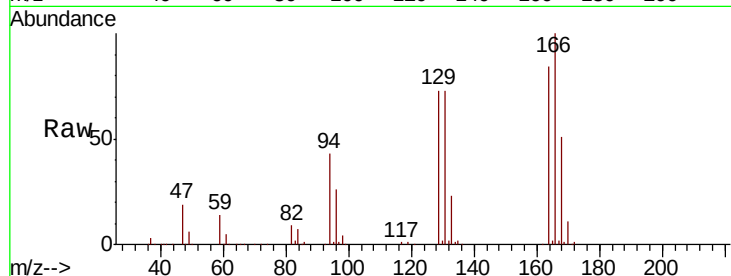
ClientSampleId :

Tot Ion:129 Resp: 160276

Ion Ratio Lower Upper

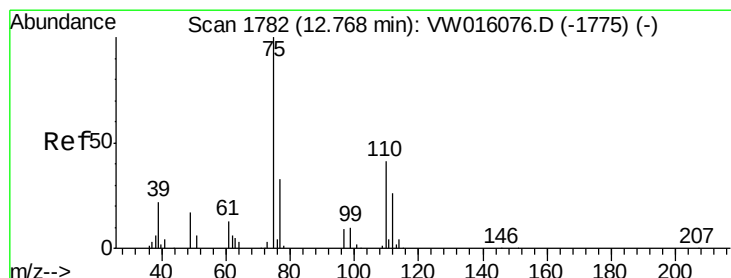
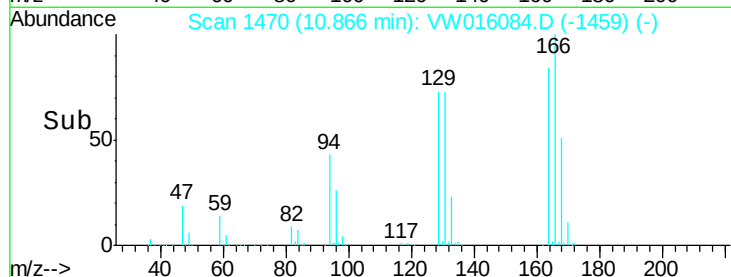
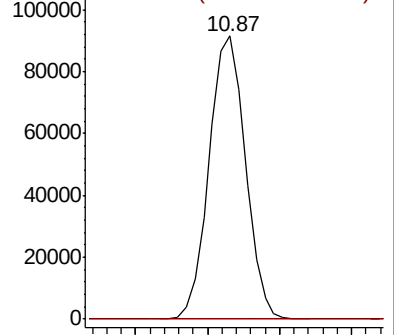
129 100

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: 4.947 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016084.D

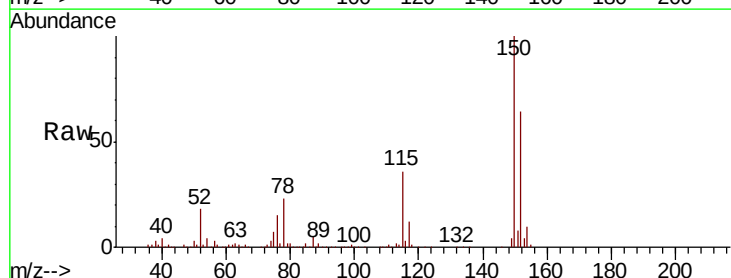
Acq: 07 Aug 2020 20:57

Tgt Ion: 75 Resp: 13608

Ion Ratio Lower Upper

75 100

77 38.2 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

