

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\
 Data File : VW016550.D
 Acq On : 11 Sep 2020 15:27
 Operator : SY/VA
 Sample : L3950-16RE
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 02:19:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 12 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	555972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	478822	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190045	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	121818	20.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.60%
7) Chloroethane-d5	2.91	69	119808	22.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.48%
10) 1,1-Dichloroethene-d2	4.03	63	179118	13.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.84%
20) 2-Butanone-d5	7.09	46	69368	32.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.86%
24) Chloroform-d	7.65	84	297609	22.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	8.32	65	155393	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.28%
29) Benzene-d6	8.28	84	521753	21.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.72%
33) 1,2-Dichloropropane-d6	9.28	67	157634	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	10.33	98	459661	19.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.48%
38) trans-1,3-Dichloropropene-	10.59	79	70237	19.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.88%
39) 2-Hexanone-d5	10.93	63	50385	34.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127774	21.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	152137	23.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.68%

Target Compounds

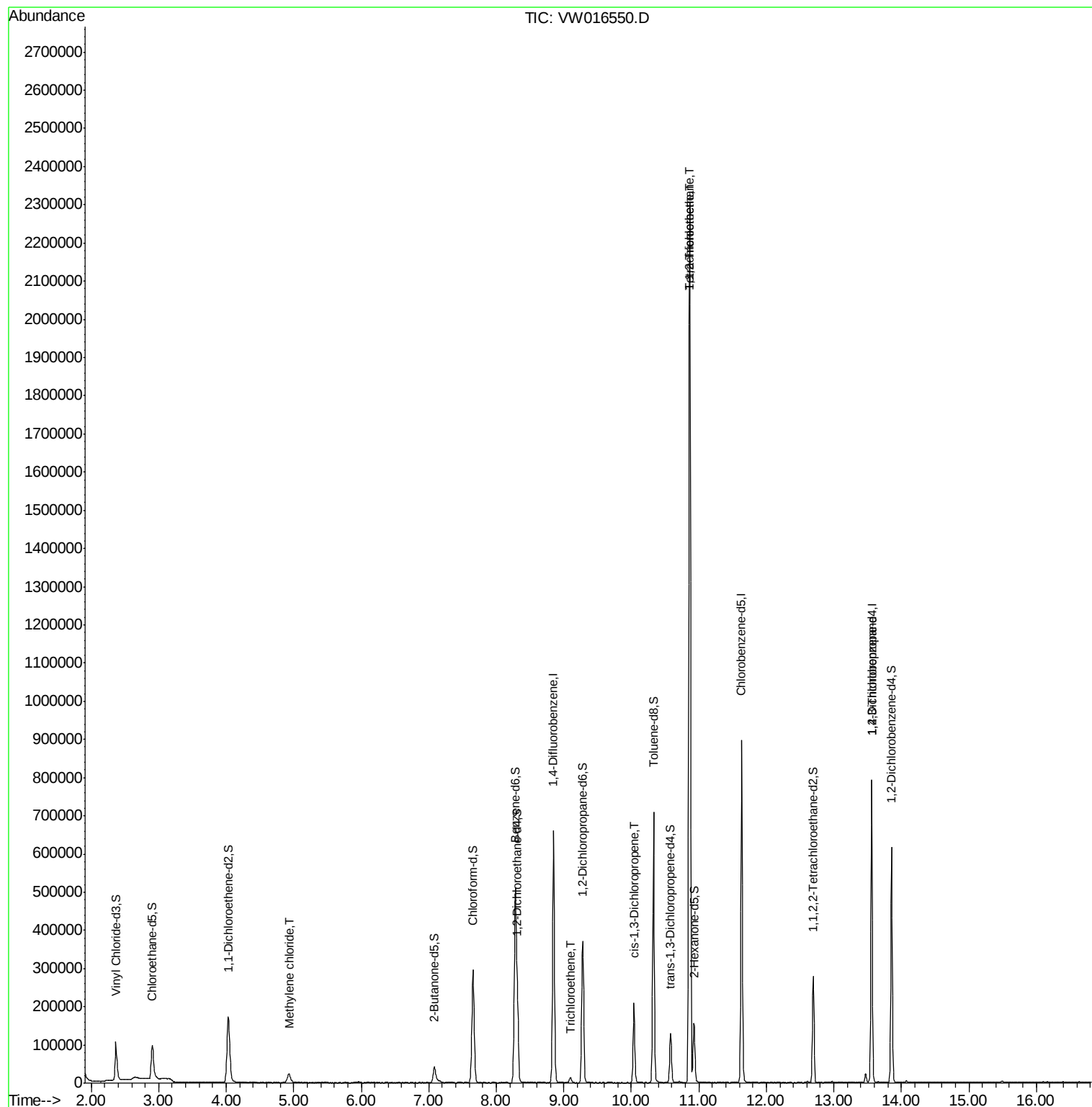
					Ovalue
16) Methylene chloride	4.93	84	18174	2.095 ug/L	93
35) Trichloroethene	9.10	95	4444	0.613 ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	6506	0.592 ug/L #	79
46) 1,1,2-Trichloroethane	10.87	97	4978	0.970 ug/L #	5
47) Tetrachloroethene	10.87	164	470737	80.935 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	27068	5.922 ug/L	90

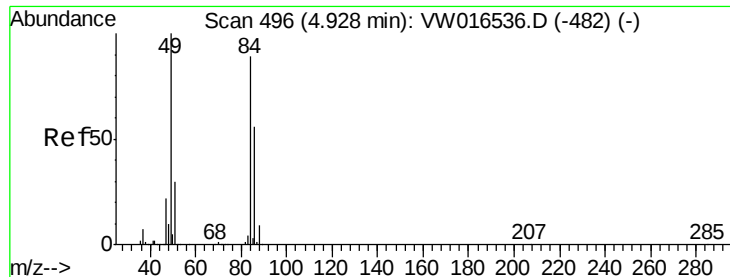
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 12 02:10:36 2020
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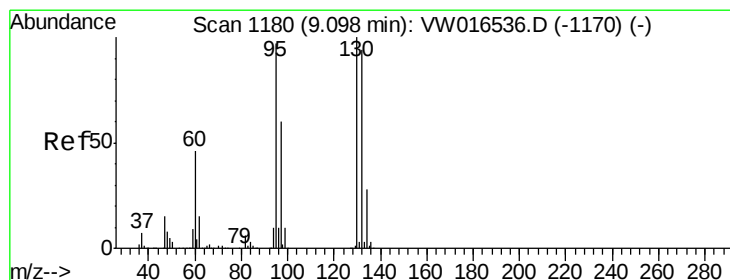
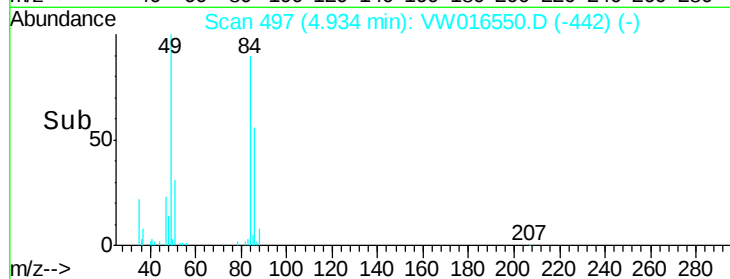
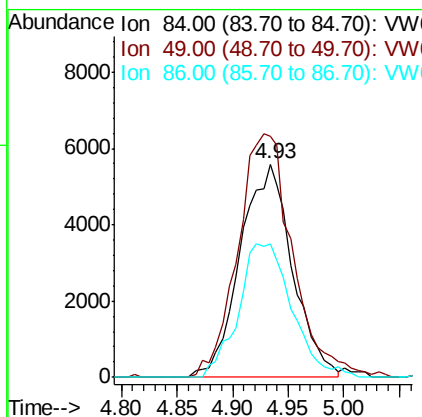
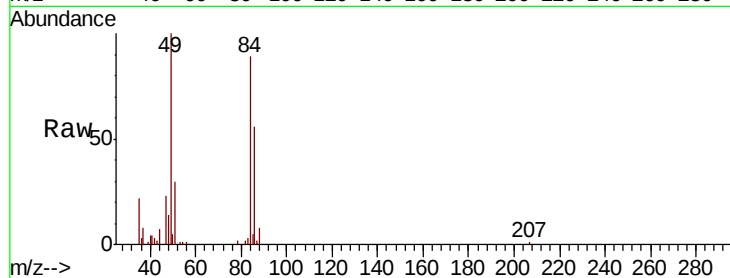




#16
Methvlene chloride
Concen: 2.095 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016550.D
Acq: 11 Sep 2020 15:27

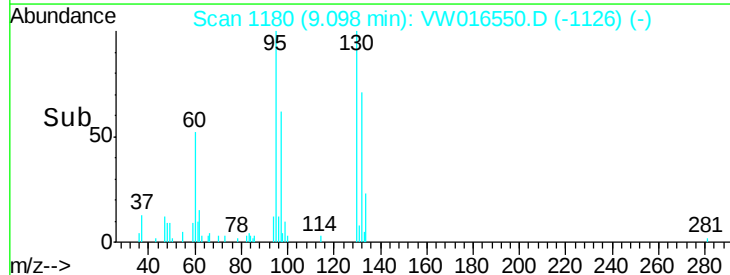
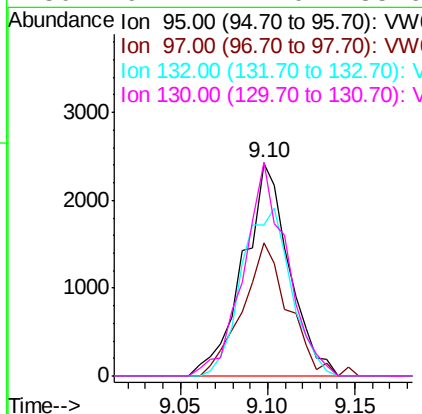
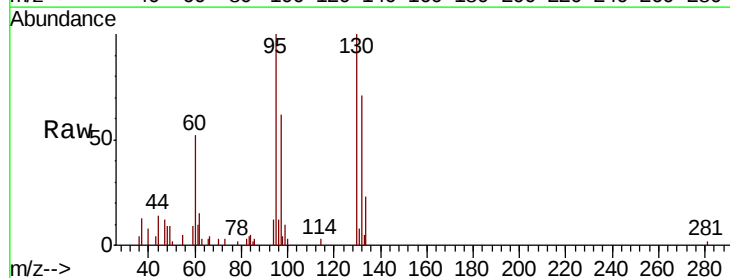
Instrument :
MSVOA_W
ClientSampleId :

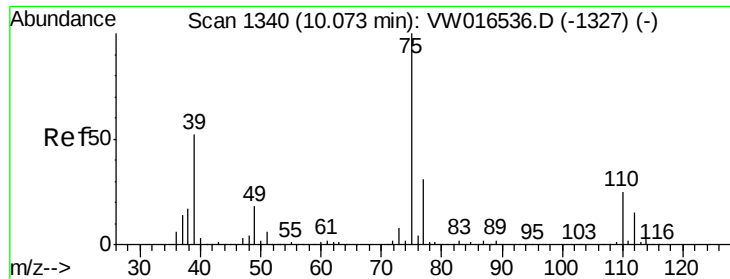
Tot Ion: 84 Resp: 18174
Ion Ratio Lower Upper
84 100
49 112.8 86.7 160.9
86 62.9 44.9 83.5



#35
Trichloroethene
Concen: 0.613 ug/L
RT: 9.10 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VW016550.D
Acq: 11 Sep 2020 15:27

Tgt Ion: 95 Resp: 4444
Ion Ratio Lower Upper
95 100
97 62.4 44.9 83.5
132 85.2 69.2 128.4
130 94.4 72.0 133.6





#42

cis-1,3-Dichloropropene

Concen: 0.592 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016550.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_W

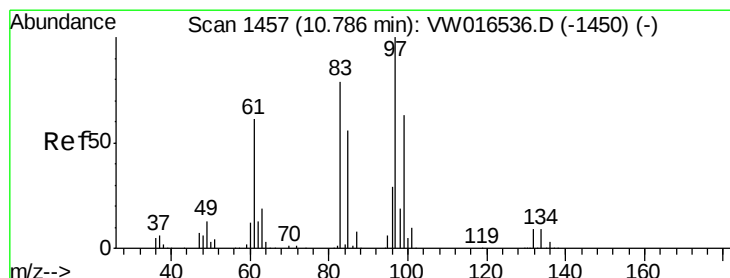
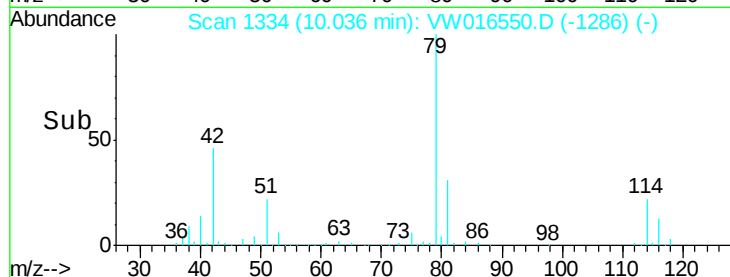
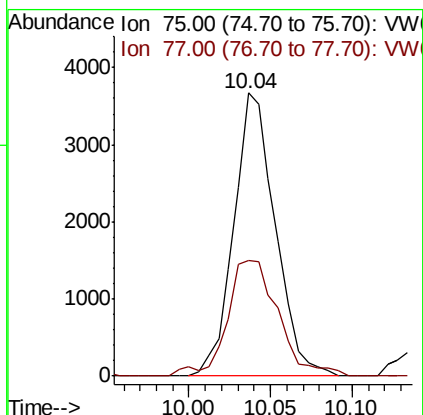
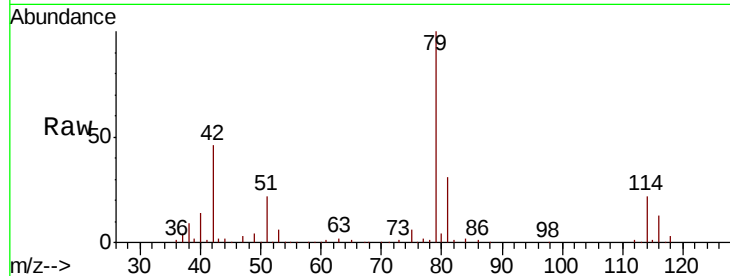
ClientSampled :

Tot Ion: 75 Resp: 6506

Ion Ratio Lower Upper

75 100

77 41.0 20.9 38.7#



#46

1,1,2-Trichloroethane

Concen: 0.970 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.08 min

Lab File: VW016550.D

Acq: 11 Sep 2020 15:27

Tgt Ion: 97 Resp: 4978

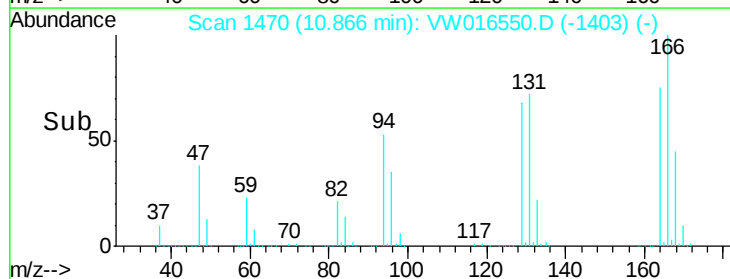
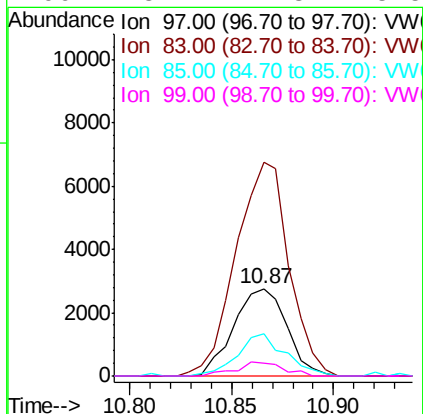
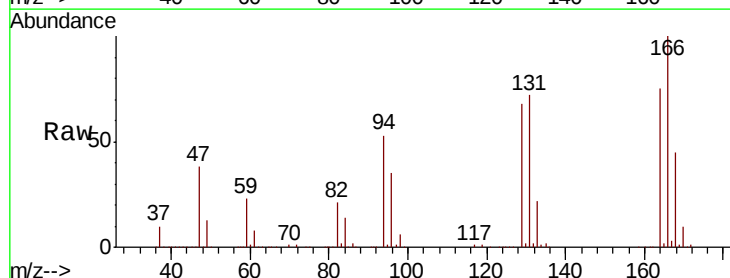
Ion Ratio Lower Upper

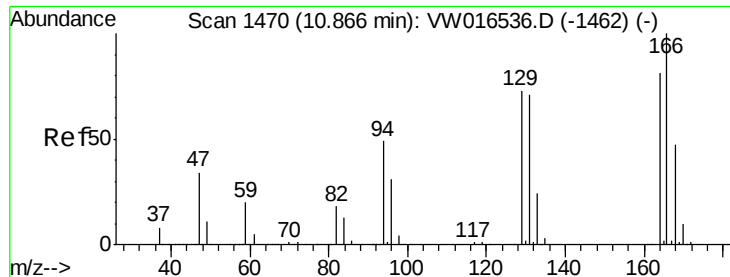
97 100

83 244.4 59.7 110.9#

85 48.1 37.6 69.8

99 15.2 42.3 78.5#





#47

Tetrachloroethene

Concen: 80.935 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

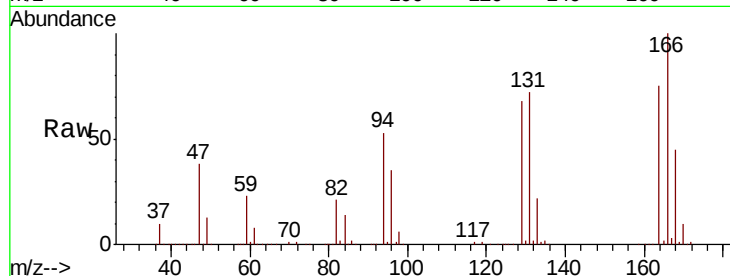
Lab File: VW016550.D

Acq: 11 Sep 2020 15:27

Instrument :

MSVOA_W

ClientSampled :



Tot Ion:164 Resp: 470737

Ion Ratio Lower Upper

164 100

129 90.4 65.7 121.9

131 95.6 61.1 113.5

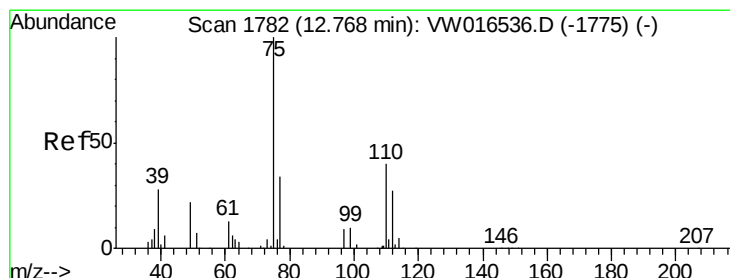
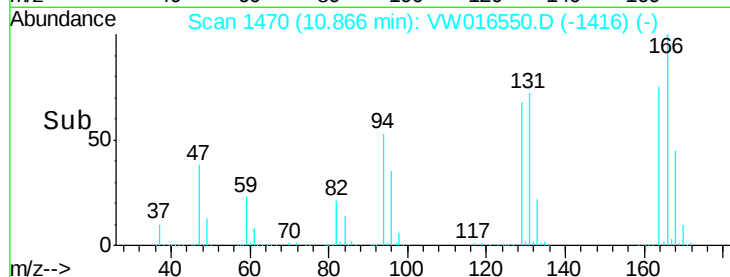
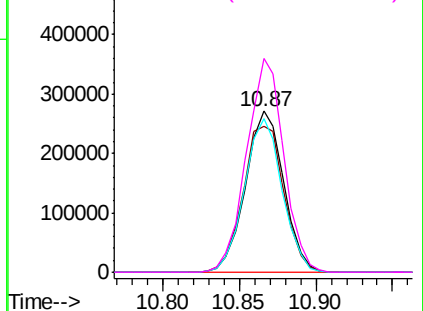
166 132.7 85.0 157.8

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



#59

1,2,3-Trichloropropane

Concen: 5.922 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016550.D

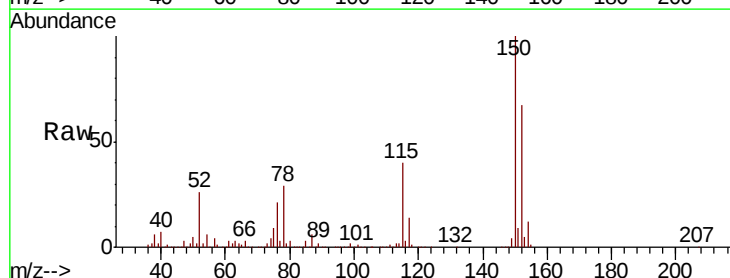
Acq: 11 Sep 2020 15:27

Tgt Ion: 75 Resp: 27068

Ion Ratio Lower Upper

75 100

77 38.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

