

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV031220\
 Data File : VV014861.D
 Acq On : 12 Mar 2020 12:26
 Operator : SY/MD
 Sample : VV0312WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 12 12:54:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 12 12:52:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	406893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	394666	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192902	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	124783	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.64%
7) Chloroethane-d5	1.58	69	95797	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.02%
11) 1,1-Dichloroethene-d2	2.12	63	151451	33.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	3.93	46	112148	54.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	54.61%
24) Chloroform-d	4.37	84	247459	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.06	65	160855	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
32) Benzene-d6	5.07	84	504807	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.09	67	152452	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.28%
41) Toluene-d8	7.34	98	486613	47.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.36%
43) trans-1,3-Dichloropropene-	7.64	79	73261	43.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.88%
47) 2-Hexanone-d5	8.12	63	141795	92.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	211128	44.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	196245	51.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.66%

Target Compounds

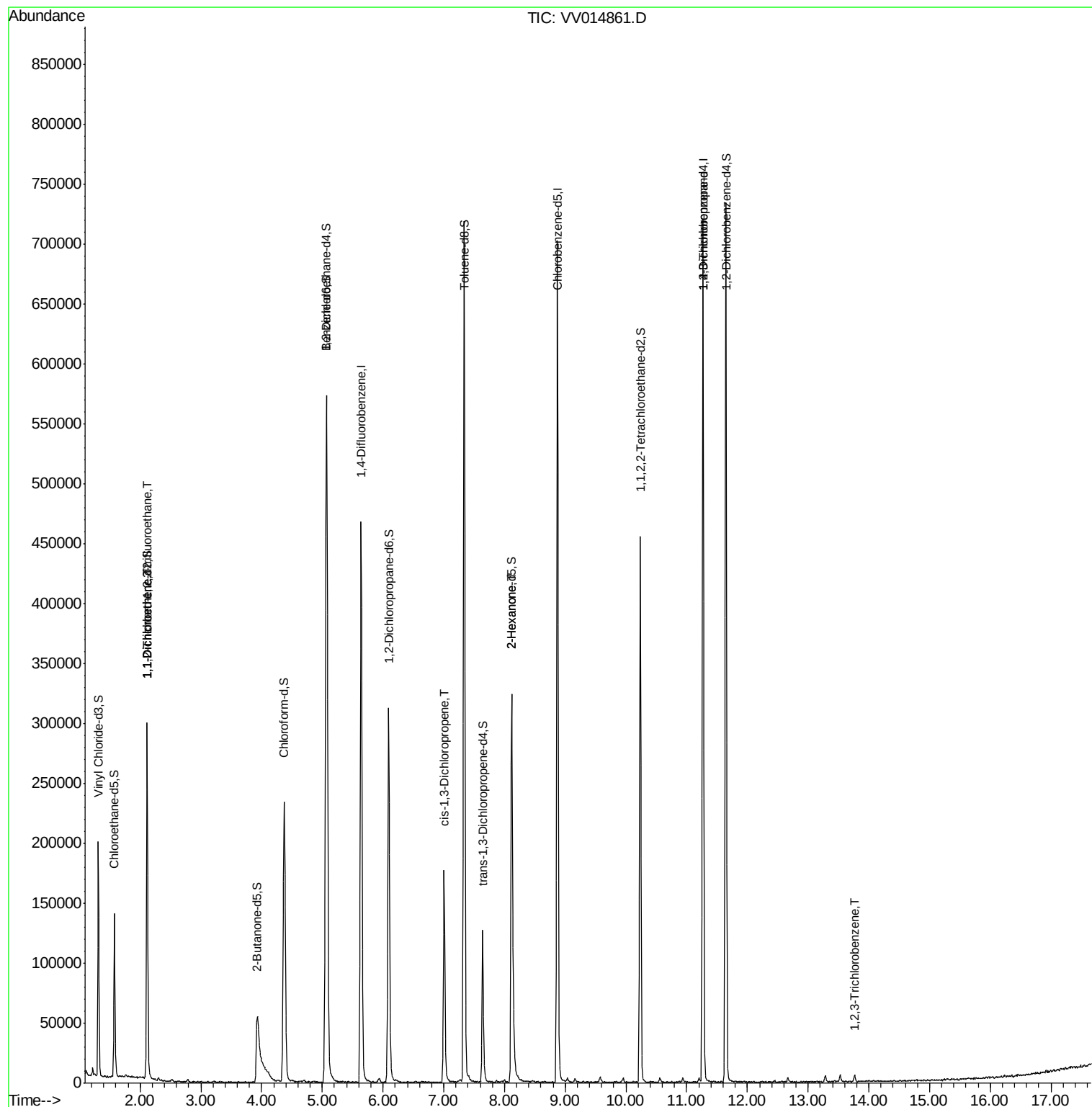
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1997	0.884 ug/L #	18
12) 1,1-Dichloroethene	2.12	96	1777	0.804 ug/L #	1
39) cis-1,3-Dichloropropene	7.01	75	4570	0.944 ug/L #	81
48) 2-Hexanone	8.12	43	15944	4.528 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	19800	5.018 ug/L	91
70) 1,2,3-Trichlorobenzene	13.77	180	2080	0.471 ug/L #	71

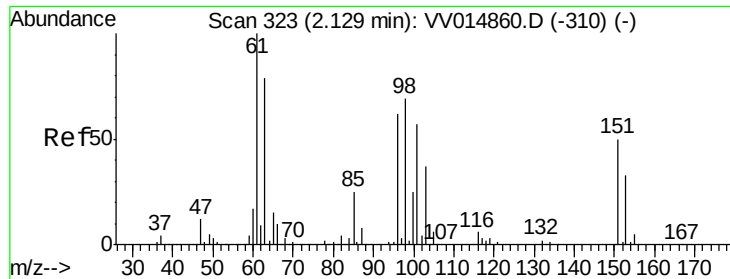
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Mar 12 12:52:44 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.884 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV014861.D

Acq: 12 Mar 2020 12:26

Instrument :

MSVOA_V

ClientSampled :

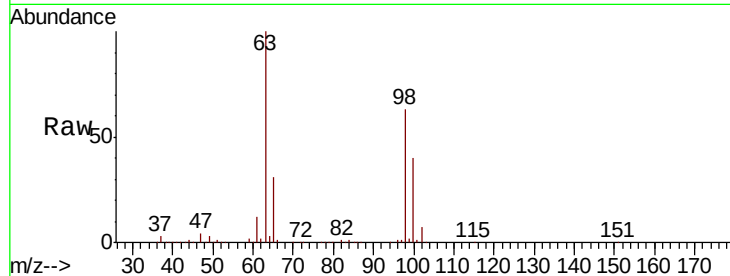
Tot Ion:101 Resp: 1997

Ion Ratio Lower Upper

101 100

85 3.5 35.0 52.6#

151 0.0 66.4 99.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

1500

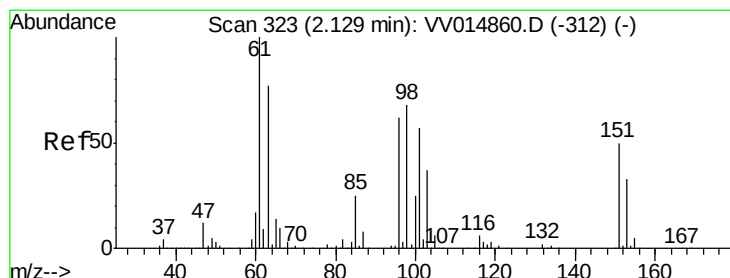
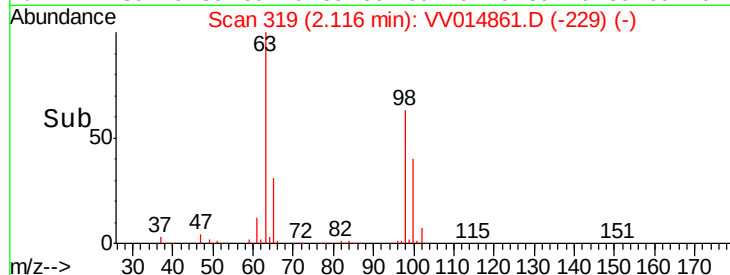
1000

500

0

2.10 2.15

Time-->



#12

1,1-Dichloroethene

Concen: 0.804 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014861.D

Acq: 12 Mar 2020 12:26

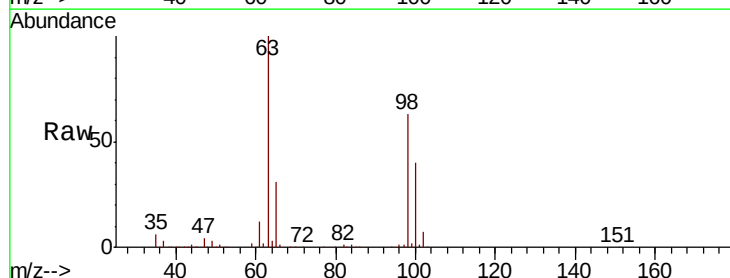
Tgt Ion: 96 Resp: 1777

Ion Ratio Lower Upper

96 100

61 1040.6 118.4 220.0#

63 8544.9 88.4 164.2#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

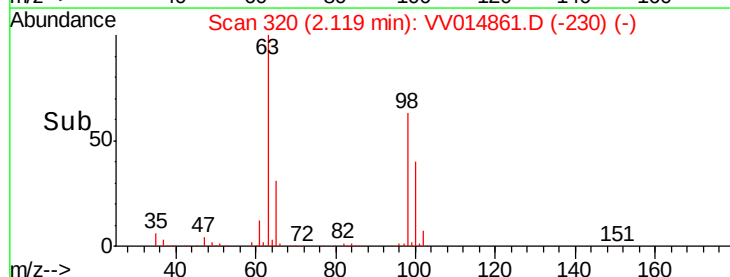
100000

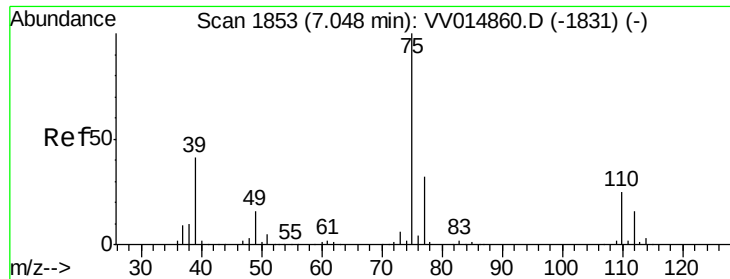
50000

0

2.08 2.10 2.12 2.14 2.16

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.944 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV014861.D

Acq: 12 Mar 2020 12:26

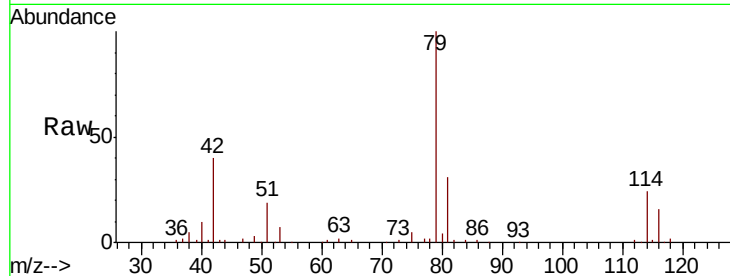
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 4570

Ion Ratio Lower Upper

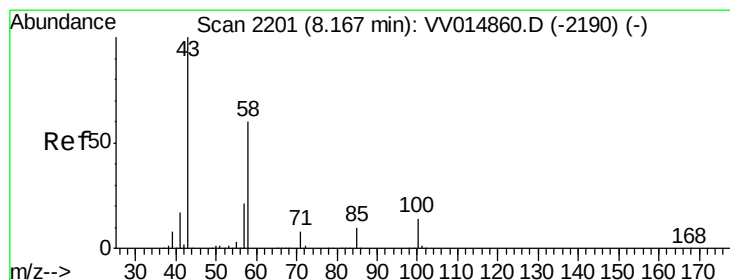
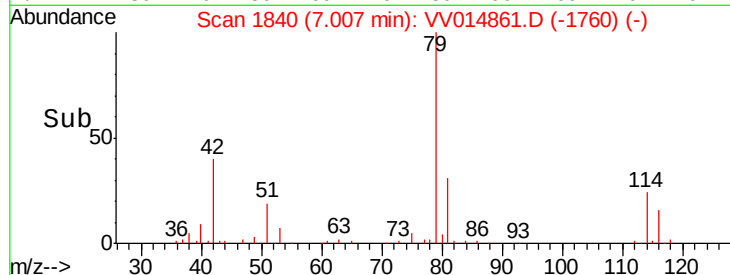
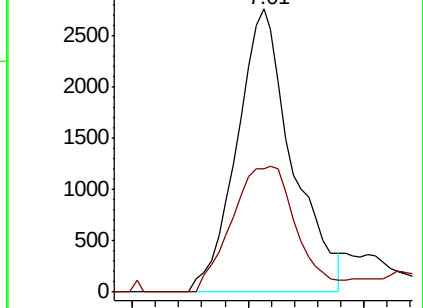
75 100

77 43.4 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV014860.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV014861.D (-1760) (-)



#48

2-Hexanone

Concen: 4.528 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV014861.D

Acq: 12 Mar 2020 12:26

Tgt Ion: 43 Resp: 15944

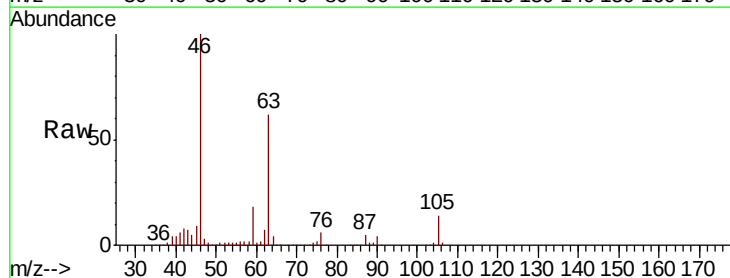
Ion Ratio Lower Upper

43 100

58 33.5 43.3 64.9#

57 13.7 15.6 23.4#

100 0.5 8.7 13.1#

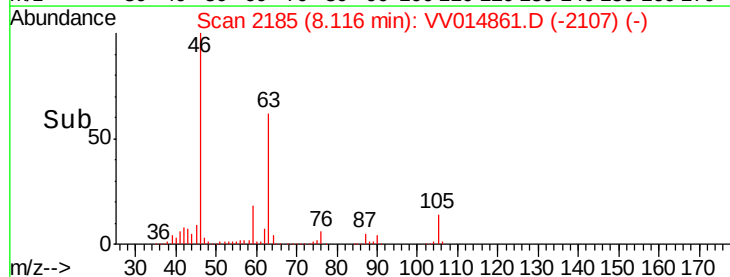
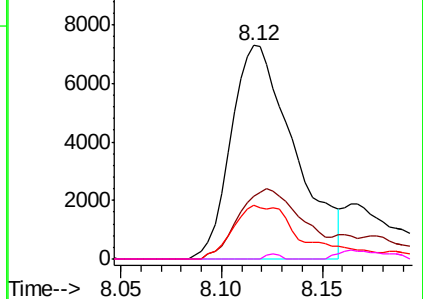


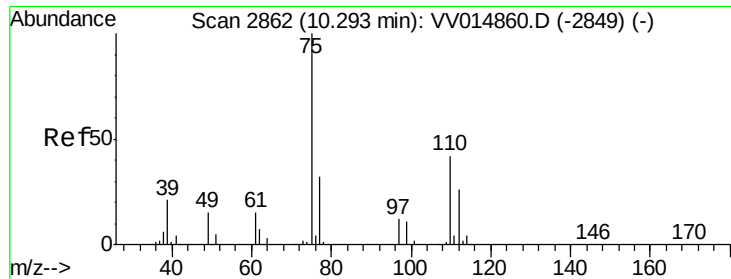
Abundance Ion 43.00 (42.70 to 43.70): VV014860.D (-2190) (-)

Ion 58.00 (57.70 to 58.70): VV014861.D (-1760) (-)

Ion 57.00 (56.70 to 57.70): VV014861.D (-1760) (-)

Ion 100.00 (99.70 to 100.70): VV014861.D (-1760) (-)

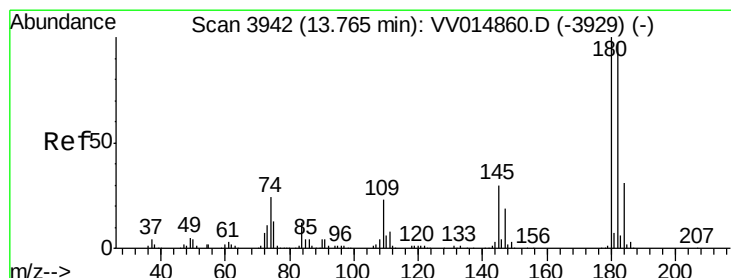
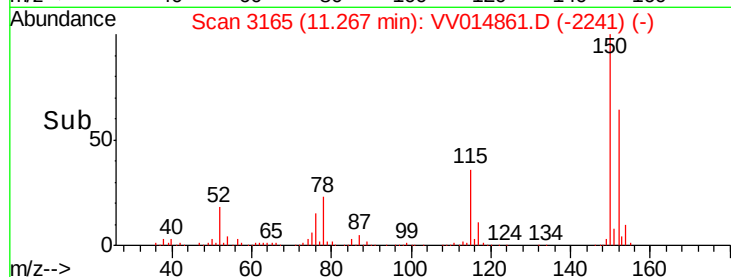
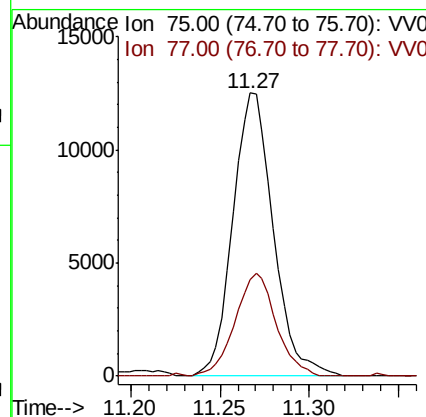
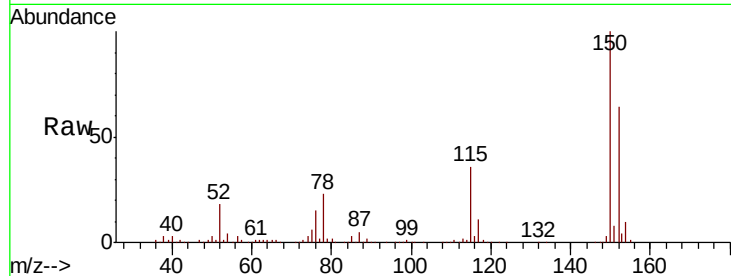




#59
 1,2,3-Trichloropropane
 Concen: 5.018 ug/L
 RT: 11.27 min Scan# 3165
 Delta R.T. 0.97 min
 Lab File: VV014861.D
 Acq: 12 Mar 2020 12:26

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 19800
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.6 38.4



#70
 1,2,3-Trichlorobenzene
 Concen: 0.471 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV014861.D
 Acq: 12 Mar 2020 12:26

Tgt Ion: 180 Resp: 2080
 Ion Ratio Lower Upper
 180 100
 182 60.5 76.5 114.7#
 145 27.8 25.0 37.4

