

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014869.D
 Acq On : 12 Mar 2020 15:40
 Operator : SY/MD
 Sample : L1835-01 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 03:32:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 03:30:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	420722	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	399177	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195405	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113381	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.58	69	89935	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.92%
11) 1,1-Dichloroethene-d2	2.12	63	144402	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	3.93	46	150253	70.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.76%
24) Chloroform-d	4.38	84	243113	45.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.18%
26) 1,2-Dichloroethane-d4	5.06	65	158763	43.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.72%
32) Benzene-d6	5.08	84	489488	46.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.88%
36) 1,2-Dichloropropane-d6	6.10	67	147603	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.50%
41) Toluene-d8	7.34	98	473142	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloropropene-	7.64	79	71336	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.64%
47) 2-Hexanone-d5	8.12	63	157645	101.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212673	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	191258	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%

Target Compounds

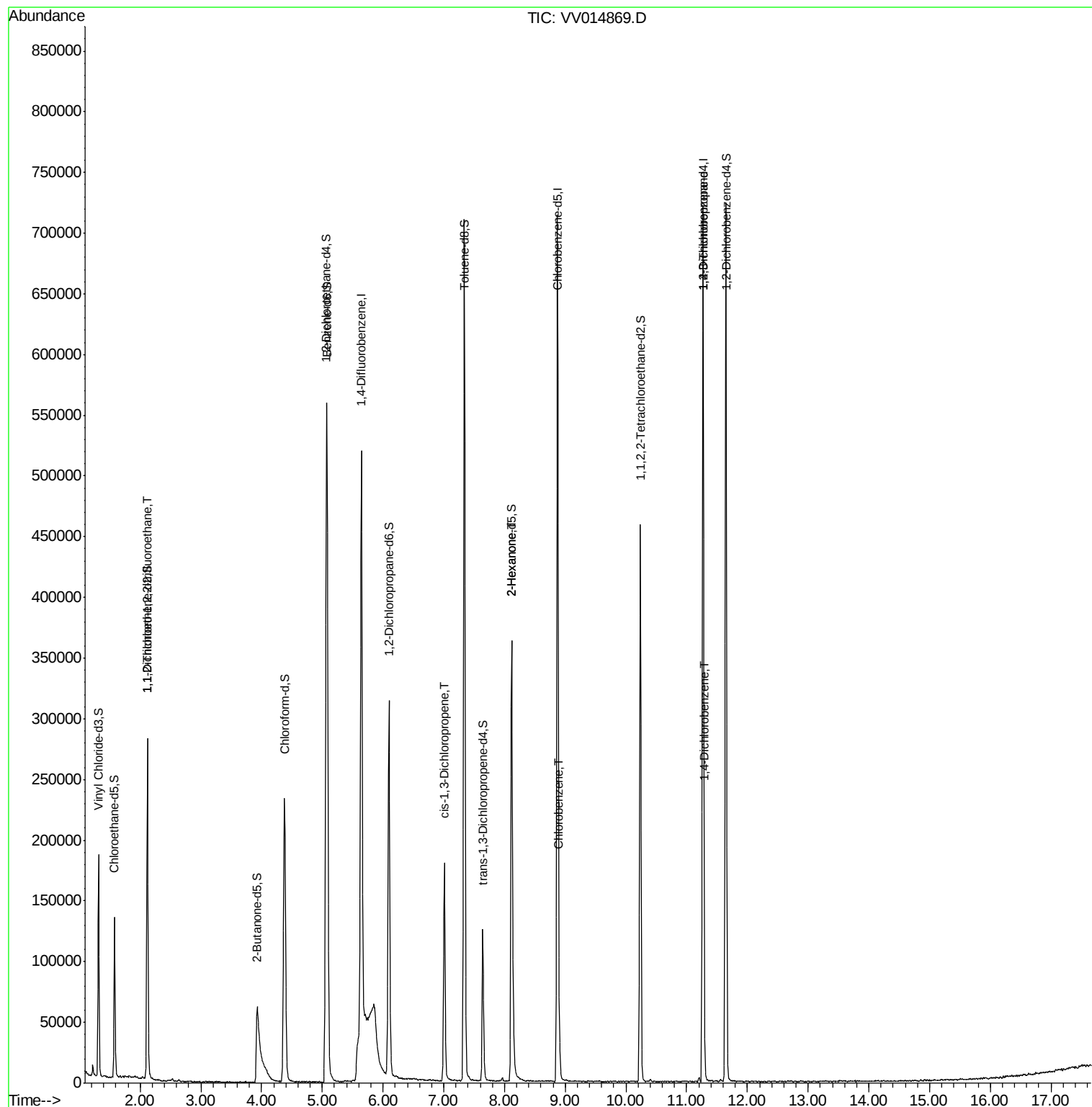
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1517	0.649 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	4104	0.838 ug/L #	42
48) 2-Hexanone	8.12	43	16629	4.669 ug/L #	72
51) Chlorobenzene	8.90	112	12093	1.473 ug/L	95
59) 1,2,3-Trichloropropane	11.27	75	21265	5.328 ug/L	93
63) 1,4-Dichlorobenzene	11.30	146	6374	1.001 ug/L	96

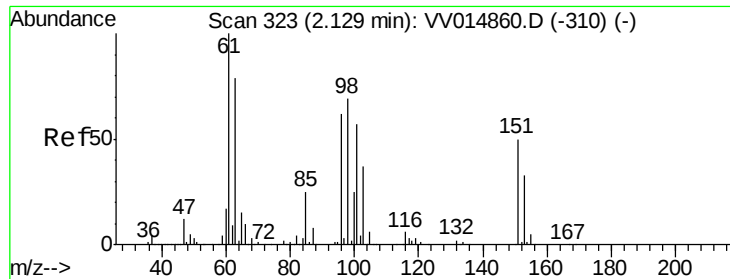
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 13 03:30:28 2020
Response via : Initial Calibration





#10

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

Concen: 0.649 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV014869.D

Acq: 12 Mar 2020 15:40

Instrument :

MSVOA_V

ClientSampleId :

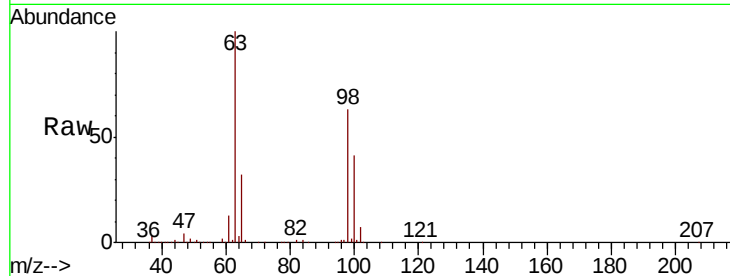
Tot Ion:101 Resp: 1517

Ion Ratio Lower Upper

101 100

85 2.8 35.0 52.6#

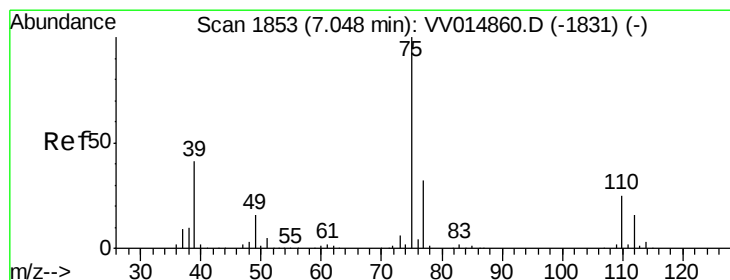
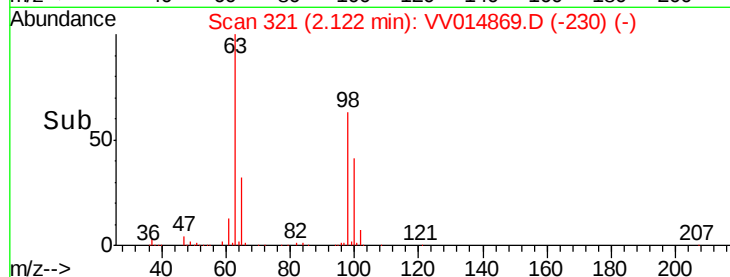
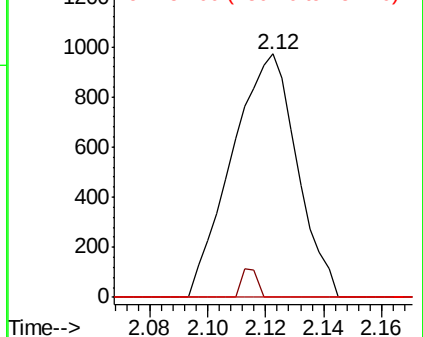
151 0.0 66.4 99.6#



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



#39

cis-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV014869.D

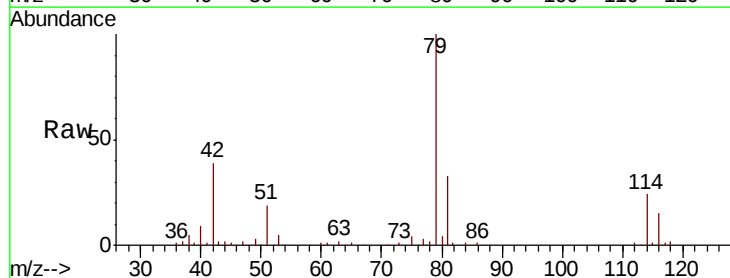
Acq: 12 Mar 2020 15:40

Tgt Ion: 75 Resp: 4104

Ion Ratio Lower Upper

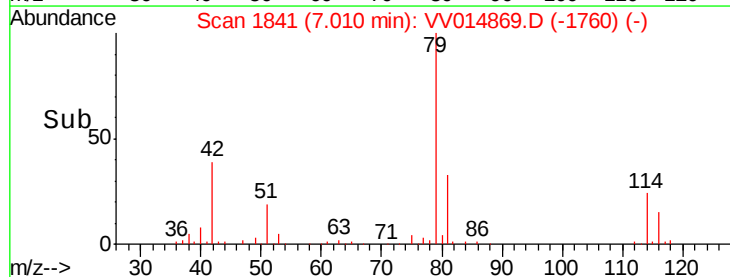
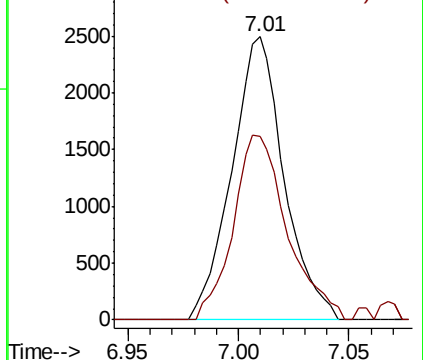
75 100

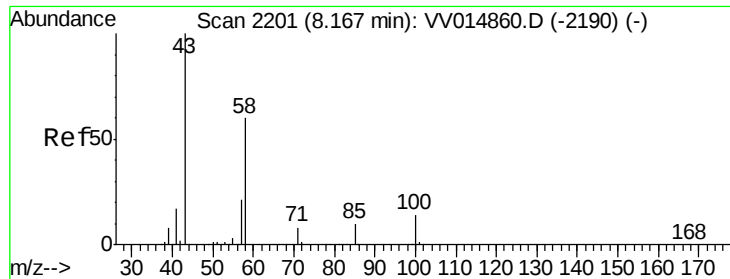
77 65.1 22.8 42.4#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

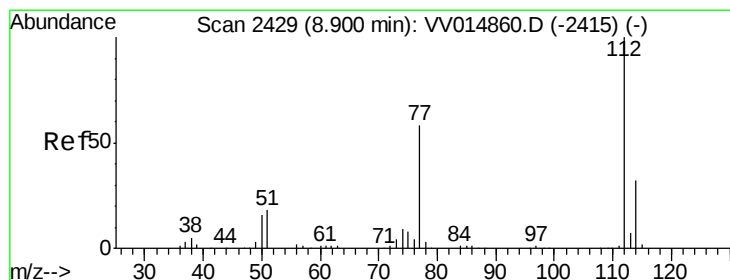
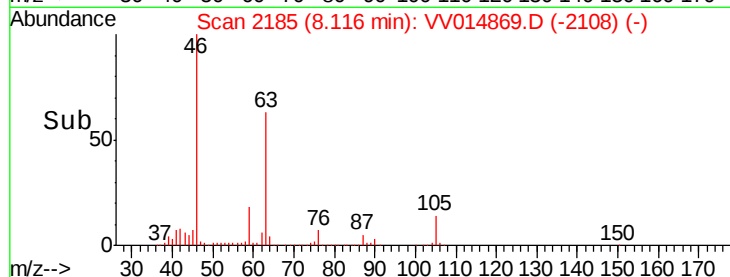
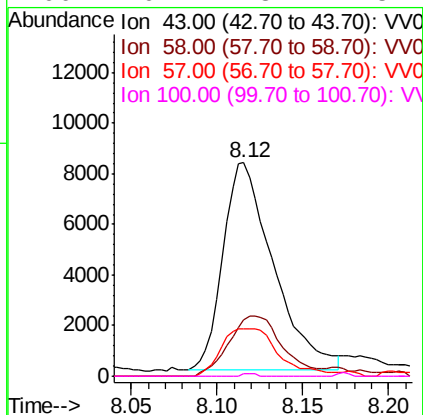
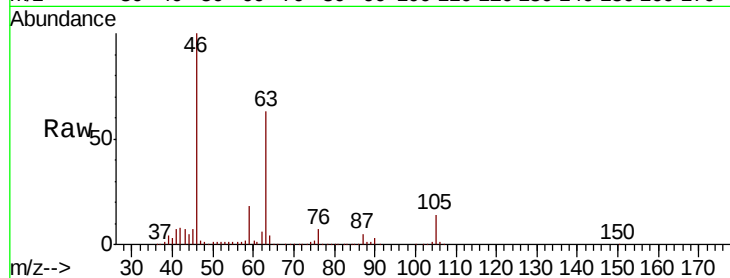




#48
2-Hexanone
Concen: 4.669 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV014869.D
Acq: 12 Mar 2020 15:40

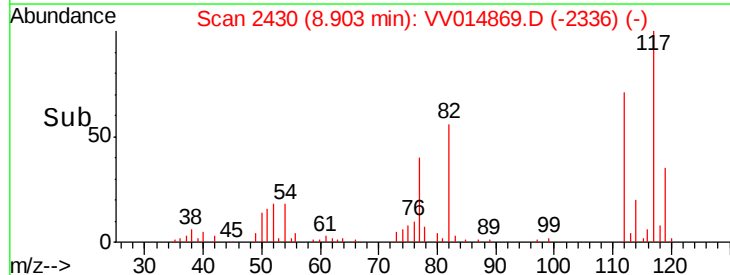
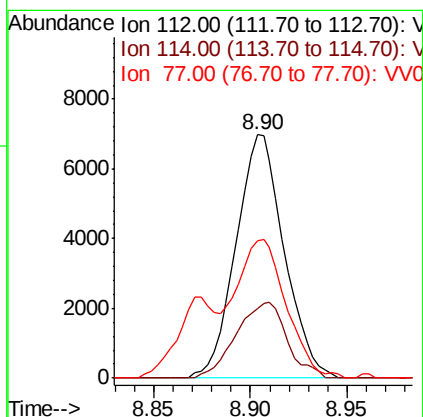
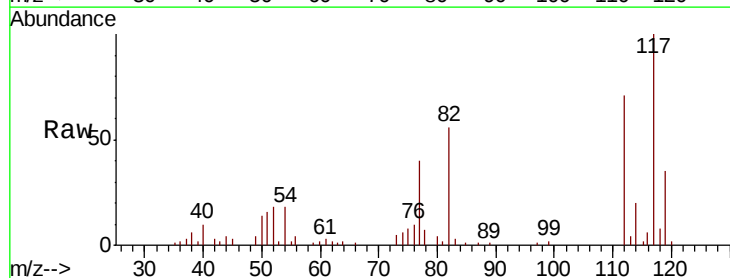
Instrument :
MSVOA_V
ClientSampleId :

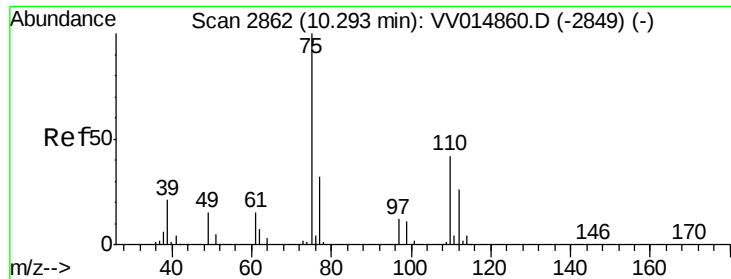
Tot Ion: 43 Resp: 16629
Ion Ratio Lower Upper
43 100
58 31.0 43.3 64.9#
57 26.1 15.6 23.4#
100 0.4 8.7 13.1#



#51
Chlorobenzene
Concen: 1.473 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014869.D
Acq: 12 Mar 2020 15:40

Tgt Ion: 112 Resp: 12093
Ion Ratio Lower Upper
112 100
114 28.4 22.1 41.1
77 56.6 47.8 71.8

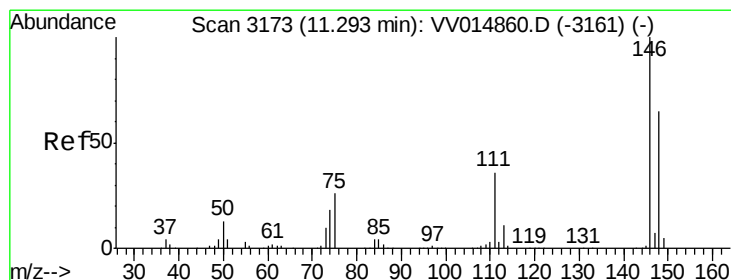
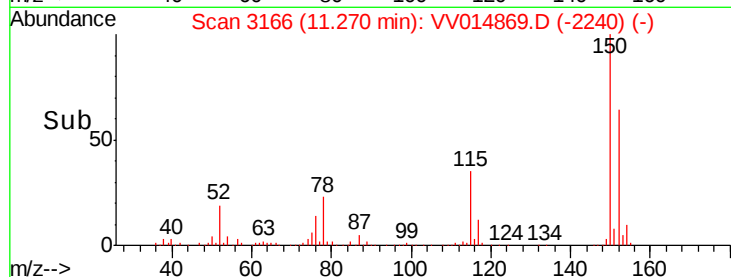
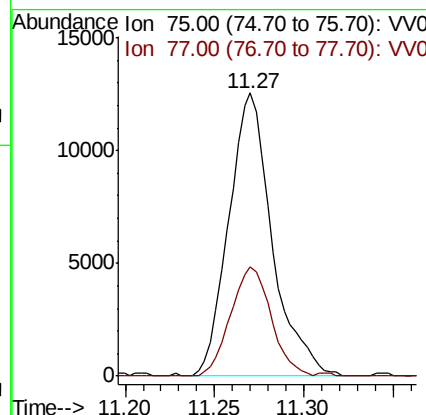
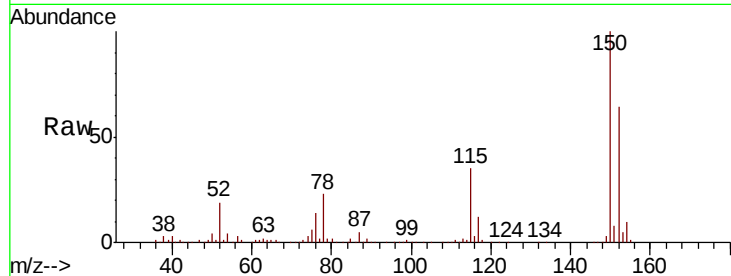




#59
 1,2,3-Trichloropropane
 Concen: 5.328 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV014869.D
 Acq: 12 Mar 2020 15:40

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 21265
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.6 38.4



#63
 1,4-Dichlorobenzene
 Concen: 1.001 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV014869.D
 Acq: 12 Mar 2020 15:40

Tgt Ion: 146 Resp: 6374
 Ion Ratio Lower Upper
 146 100
 111 33.8 26.3 48.9
 148 60.7 44.0 81.8

