

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\
 Data File : VV014876.D
 Acq On : 12 Mar 2020 18:38
 Operator : SY/MD
 Sample : L1884-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 13 04:12:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 13 04:10:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	377566	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	366319	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102320	40.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.10%
7) Chloroethane-d5	1.58	69	80485	39.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.68%
11) 1,1-Dichloroethene-d2	2.12	63	129574	30.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.04%
21) 2-Butanone-d5	3.93	46	133840	70.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.23%
24) Chloroform-d	4.38	84	228079	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.06	65	151393	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
32) Benzene-d6	5.08	84	453052	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
36) 1,2-Dichloropropane-d6	6.10	67	142203	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.34	98	432075	45.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.22%
43) trans-1,3-Dichloropropene-	7.64	79	61562	39.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.66%
47) 2-Hexanone-d5	8.12	63	151786	106.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	201532	45.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	173682	50.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.12%

Target Compounds

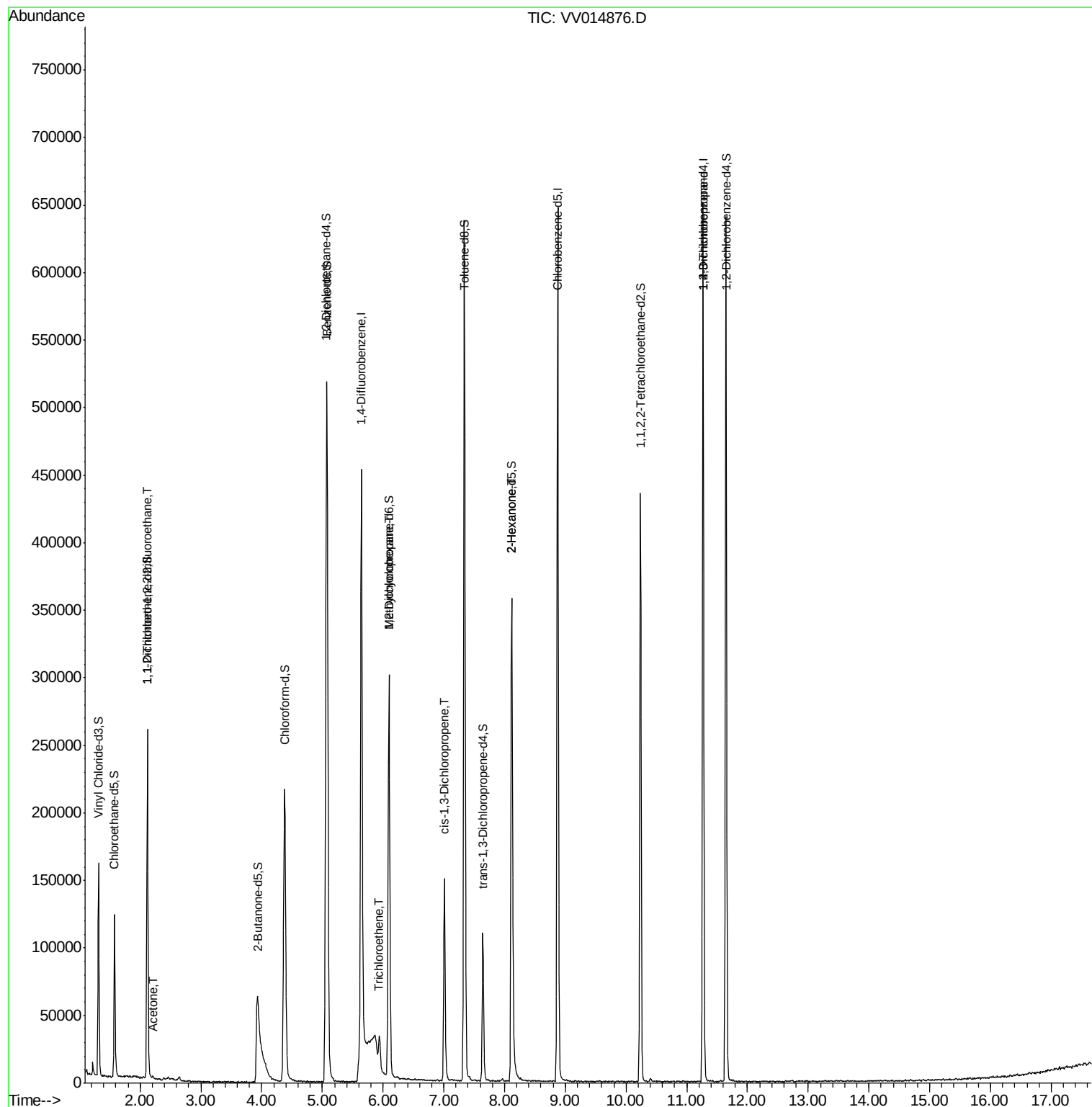
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1445	0.689 ug/L #	16
13) Acetone	2.20	43	2190	1.376 ug/L	56
34) Trichloroethene	5.94	95	7200	2.596 ug/L	96
35) Methylcyclohexane	6.10	83	36006	7.865 ug/L #	19
39) cis-1,3-Dichloropropene	7.01	75	3981	0.886 ug/L #	76
48) 2-Hexanone	8.12	43	15657	4.790 ug/L #	72
59) 1,2,3-Trichloropropane	11.27	75	17027	4.649 ug/L #	85

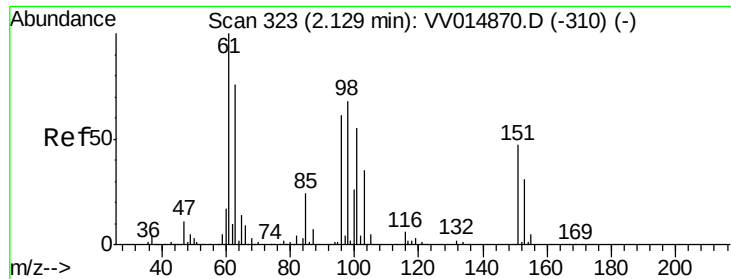
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 13 04:10:22 2020
Response via : Initial Calibration





#10

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

Concen: 0.689 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV014876.D

Acq: 12 Mar 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

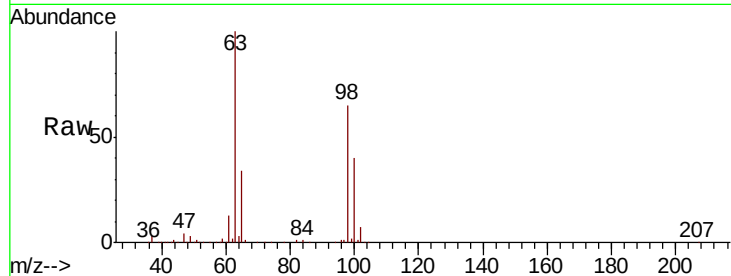
Tot Ion:101 Resp: 1445

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

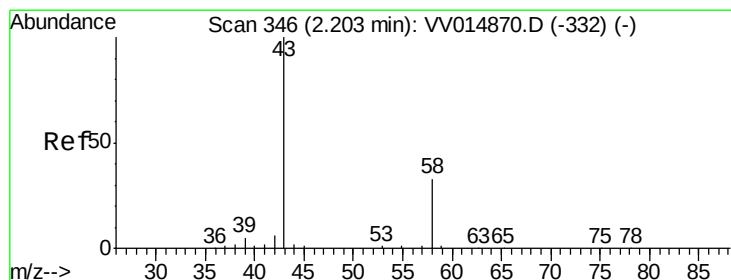
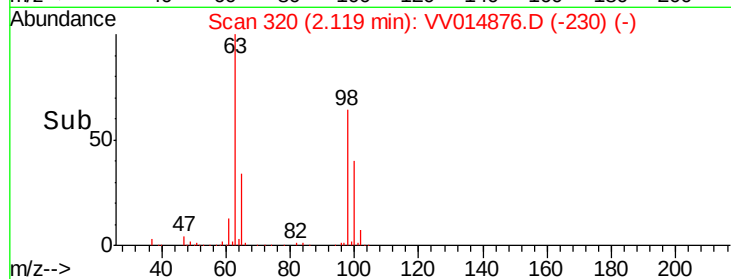
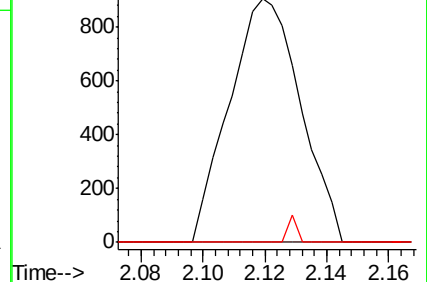
151 0.0 66.4 99.6#



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



#13

Acetone

Concen: 1.376 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV014876.D

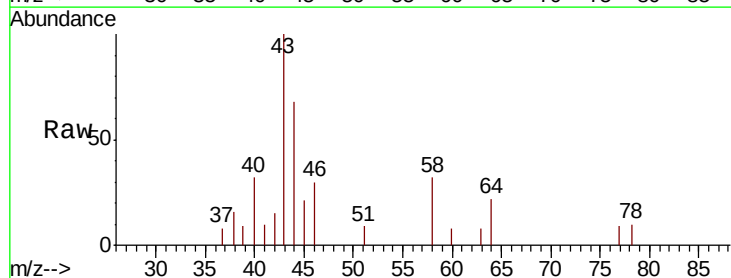
Acq: 12 Mar 2020 18:38

Tgt Ion: 43 Resp: 2190

Ion Ratio Lower Upper

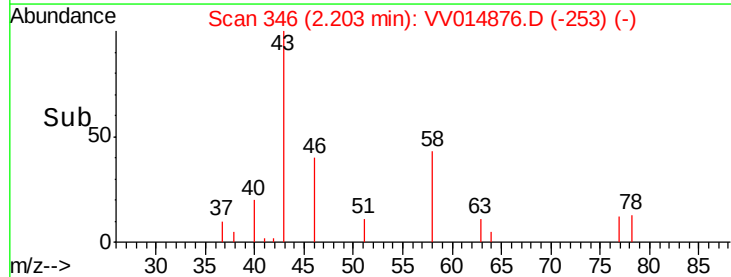
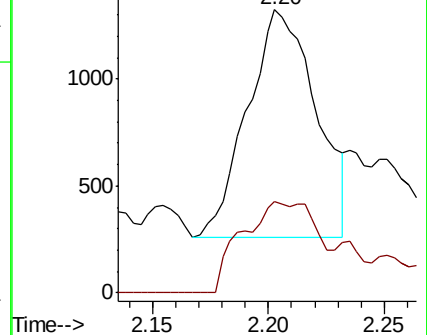
43 100

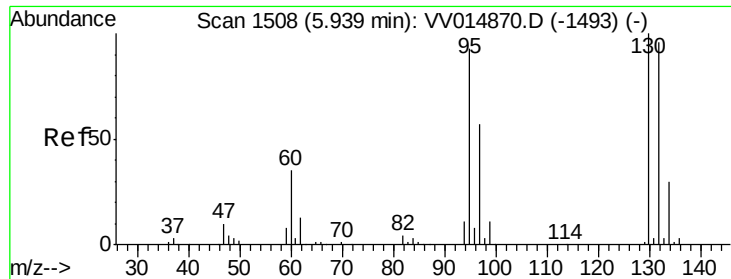
58 6.7 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

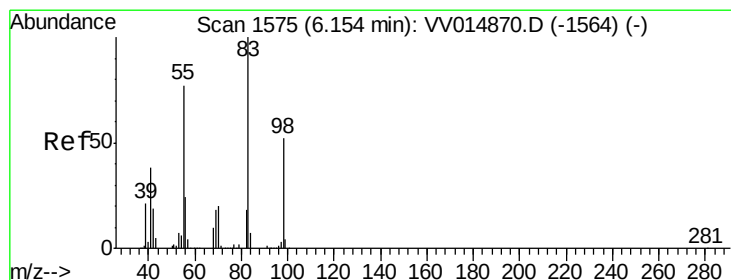
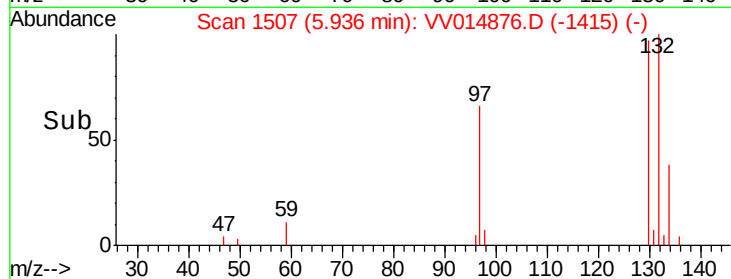
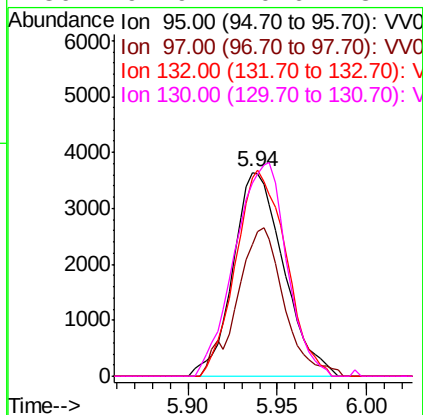
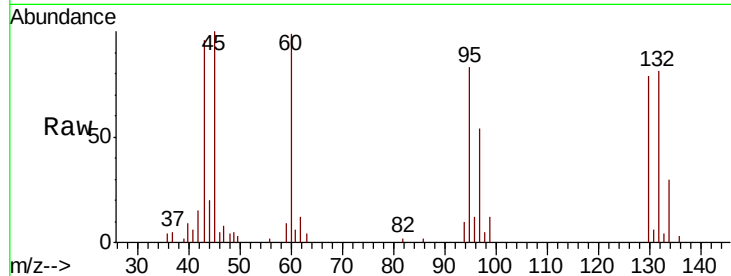




#34
 Trichloroethene
 Concen: 2.596 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV014876.D
 Acq: 12 Mar 2020 18:38

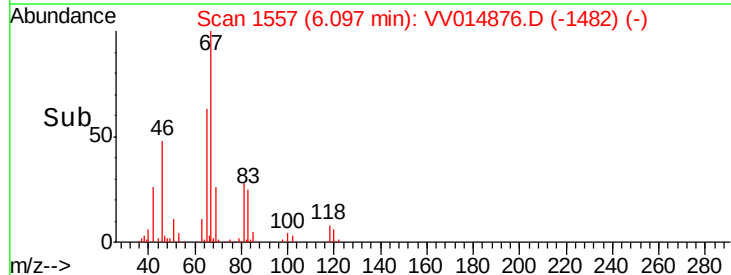
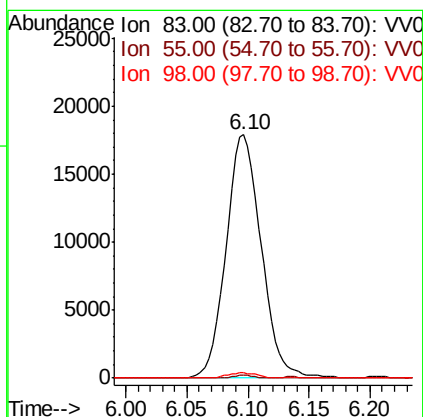
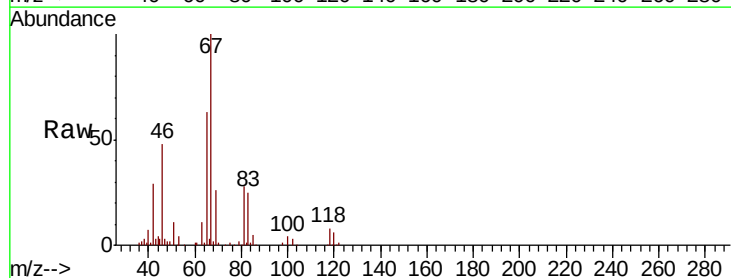
Instrument :
 MSVOA_V
 ClientSampled :

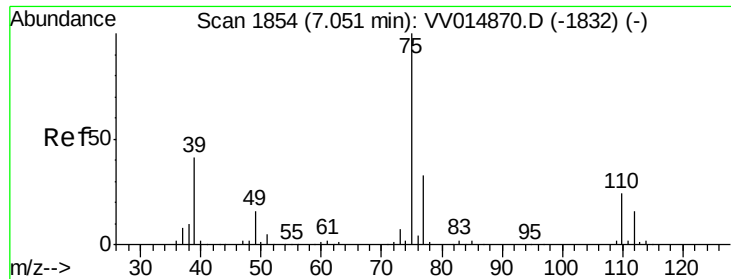
Tot Ion: 95 Resp: 7200
 Ion Ratio Lower Upper
 95 100
 97 64.6 43.8 81.4
 132 97.5 65.8 122.2
 130 94.9 70.6 131.2



#35
 Methylcyclohexane
 Concen: 7.865 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV014876.D
 Acq: 12 Mar 2020 18:38

Tgt Ion: 83 Resp: 36006
 Ion Ratio Lower Upper
 83 100
 55 0.6 63.4 95.2#
 98 1.8 36.8 55.2#

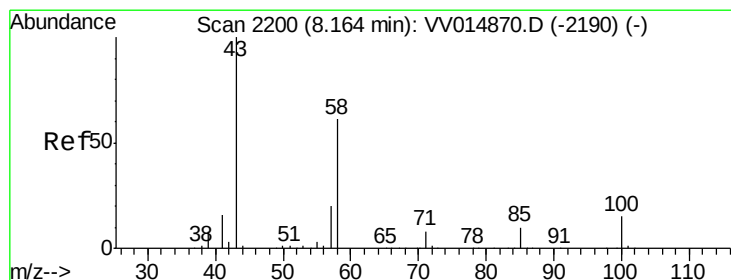
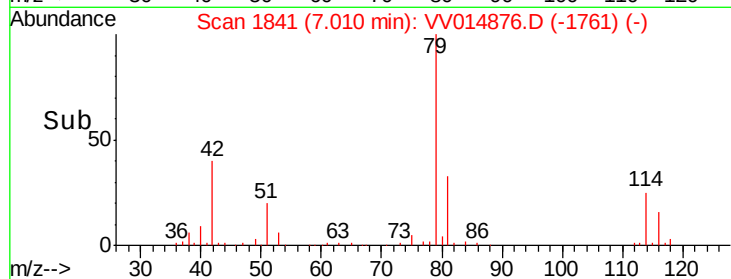
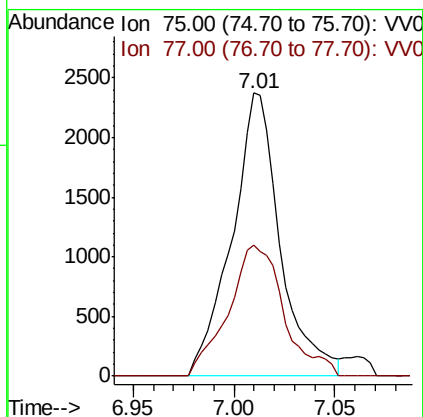
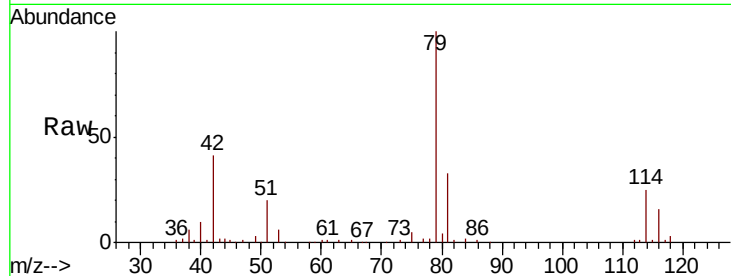




#39
 cis-1,3-Dichloropropene
 Concen: 0.886 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV014876.D
 Acq: 12 Mar 2020 18:38

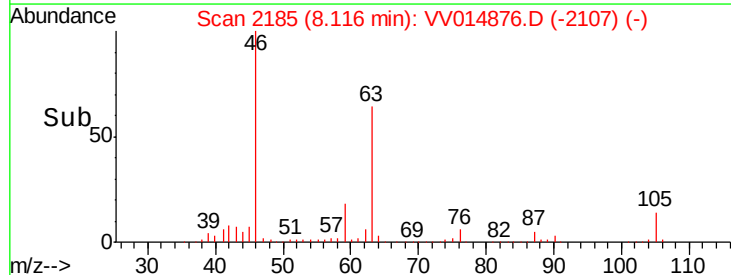
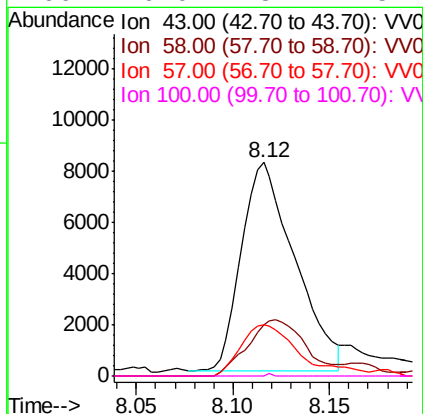
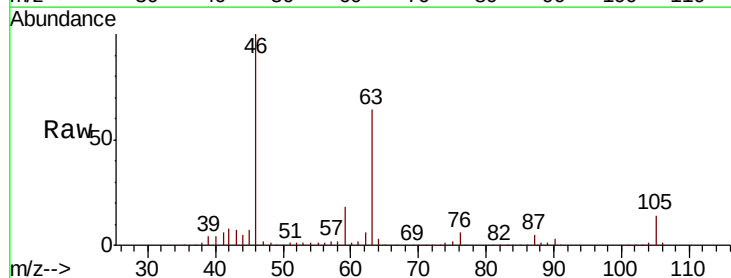
Instrument :
 MSVOA_V
 ClientSampled :

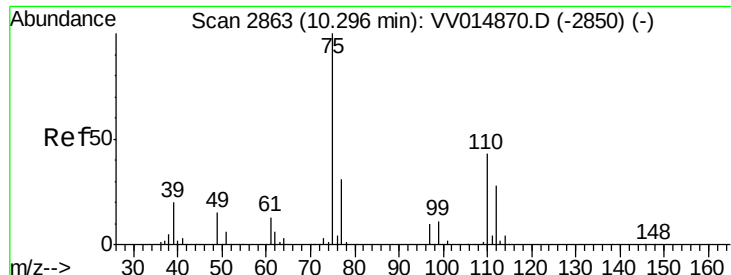
Tot Ion: 75 Resp: 3981
 Ion Ratio Lower Upper
 75 100
 77 46.2 22.8 42.4#



#48
 2-Hexanone
 Concen: 4.790 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014876.D
 Acq: 12 Mar 2020 18:38

Tgt Ion: 43 Resp: 15657
 Ion Ratio Lower Upper
 43 100
 58 29.5 43.3 64.9#
 57 24.4 15.6 23.4#
 100 0.0 8.7 13.1#





#59

1,2,3-Trichloropropane

Concen: 4.649 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV014876.D

Acq: 12 Mar 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 17027

Ion Ratio Lower Upper

75 100

77 40.4 25.6 38.4#

