

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082820\
 Data File : VV018136.D
 Acq On : 28 Aug 2020 15:07
 Operator : SY/MD
 Sample : VIBLK53
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK53

Quant Time: Aug 29 00:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 29 00:38:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	237425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76887	42.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.88%
7) Chloroethane-d5	1.58	69	69938	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.38%
11) 1,1-Dichloroethene-d2	2.12	63	119908	34.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.20%
21) 2-Butanone-d5	3.90	46	109260	92.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.09%
24) Chloroform-d	4.37	84	153522	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.05	65	104234	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.34%
32) Benzene-d6	5.07	84	305443	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.09	67	100068	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.90%
41) Toluene-d8	7.33	98	266470	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.64	79	46310	47.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.82%
47) 2-Hexanone-d5	8.11	63	54787	80.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.10%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	126090	45.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	114936	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

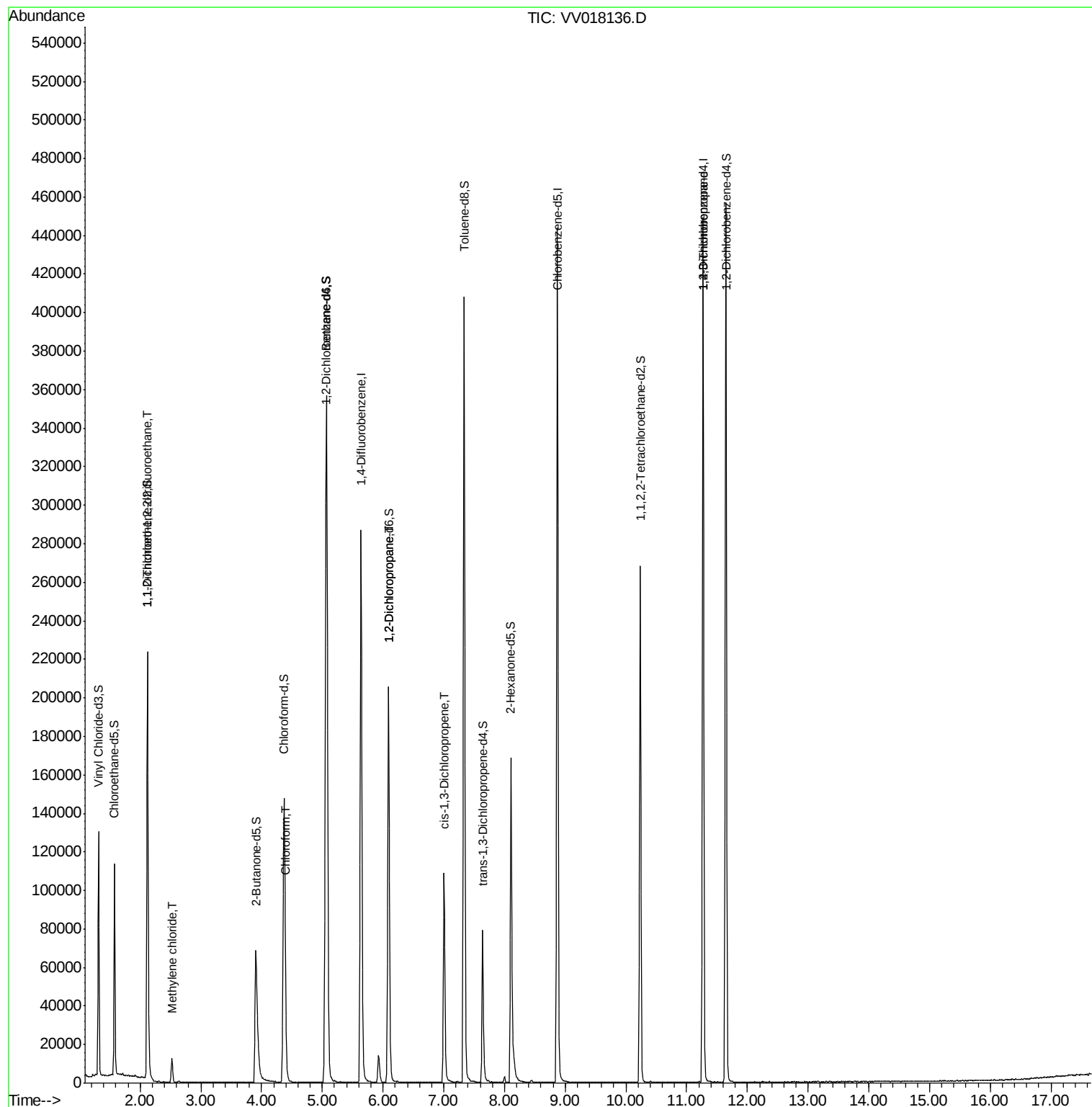
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1134	0.674 ug/L #	20
16) Methylene chloride	2.52	84	5016	2.472 ug/L	96
25) Chloroform	4.40	83	5392	1.606 ug/L	89
37) 1,2-Dichloropropane	6.09	63	11111	5.567 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2521	0.891 ug/L #	62
59) 1,2,3-Trichloropropane	11.27	75	13123	5.324 ug/L #	88

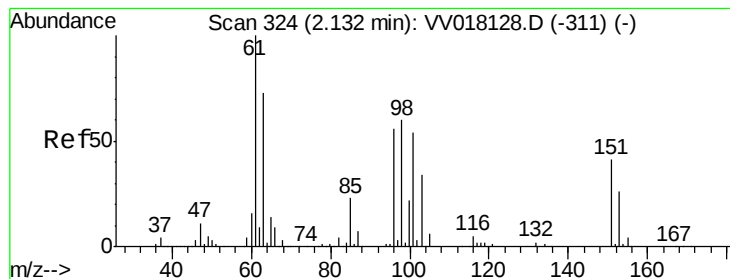
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 29 00:38:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.674 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018136.D

Acq: 28 Aug 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

VIBLK53

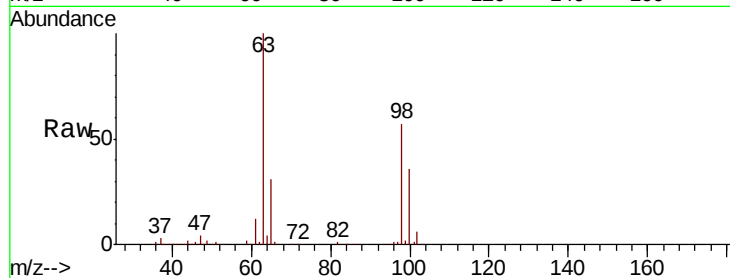
Tot Ion:101 Resp: 1134

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

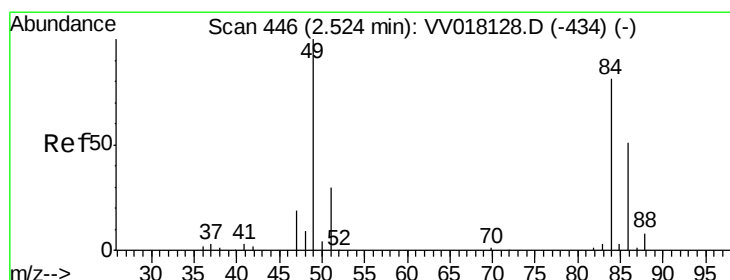
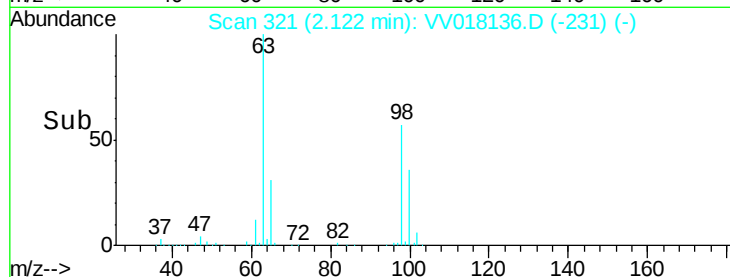
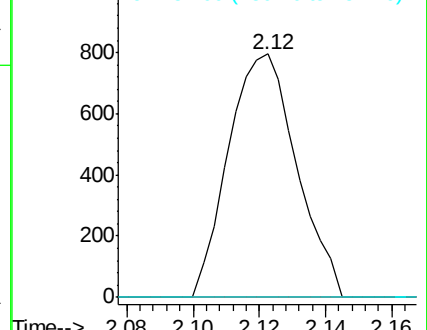
151 0.0 59.1 88.7#



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



#16

Methylene chloride

Concen: 2.472 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV018136.D

Acq: 28 Aug 2020 15:07

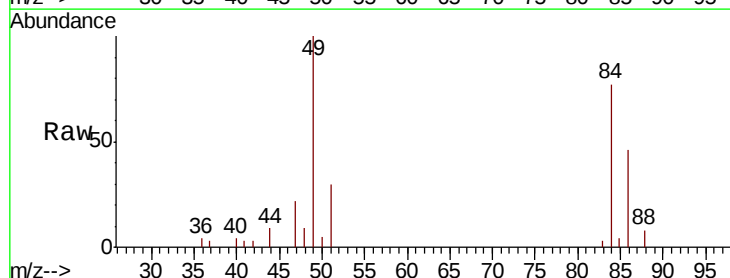
Tgt Ion: 84 Resp: 5016

Ion Ratio Lower Upper

84 100

86 59.7 46.3 85.9

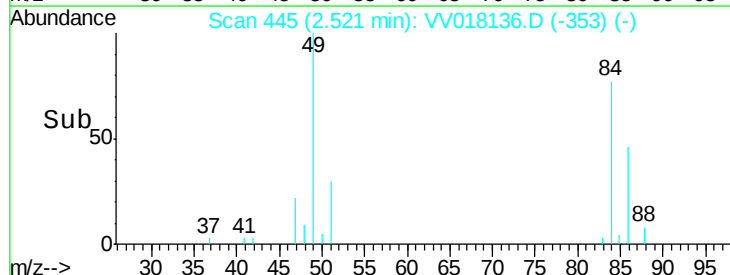
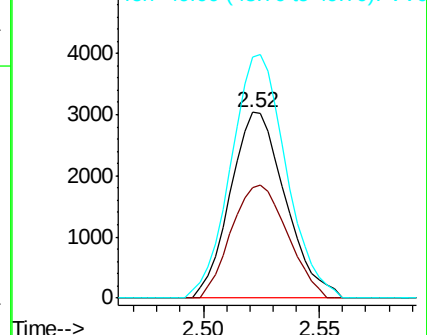
49 129.6 89.7 166.5

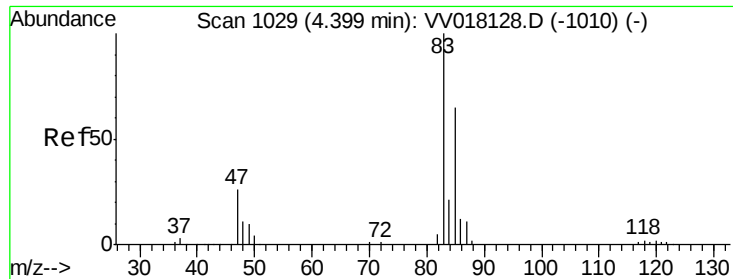


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

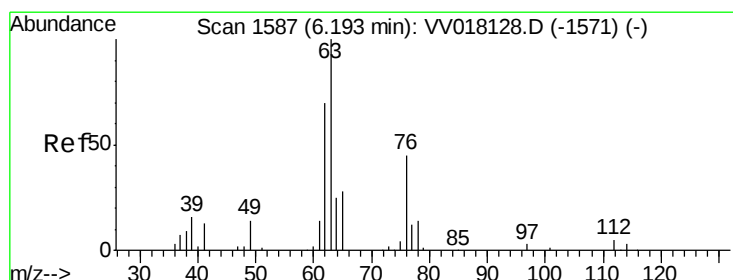
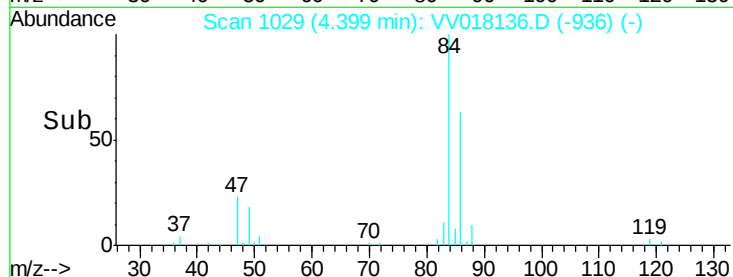
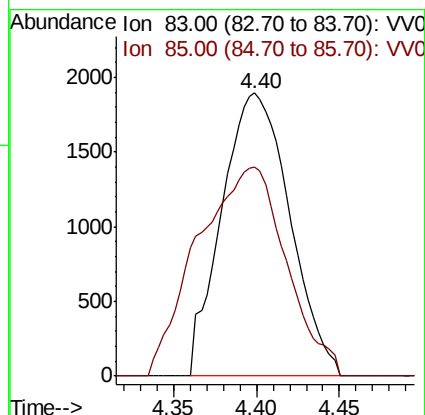
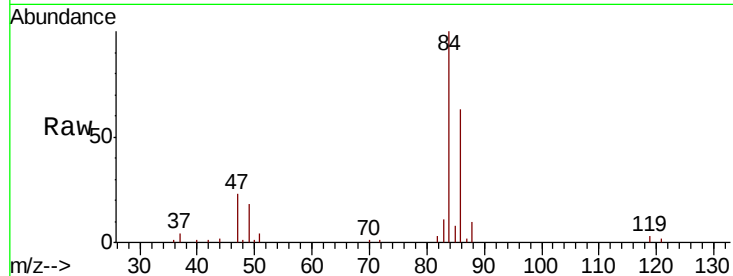




#25
Chloroform
Concen: 1.606 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018136.D
Acq: 28 Aug 2020 15:07

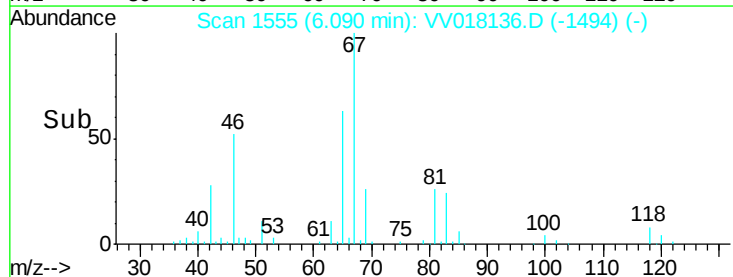
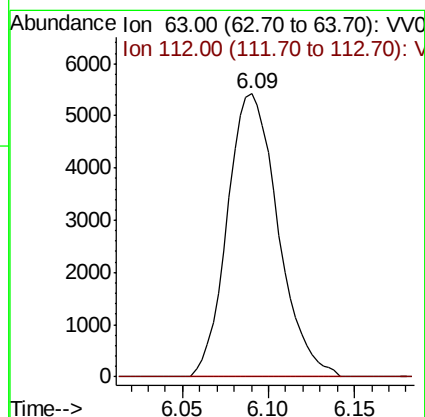
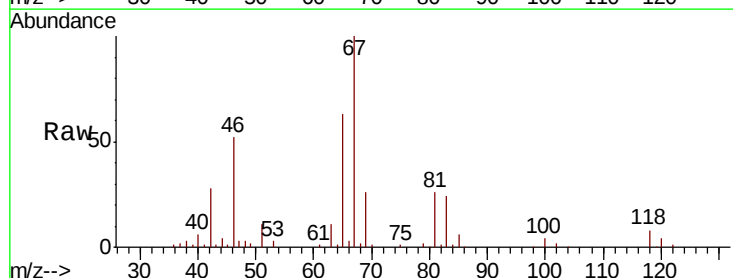
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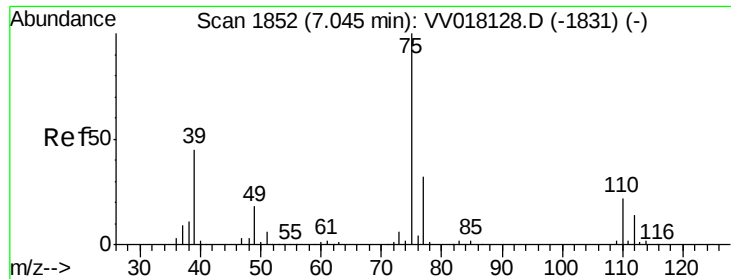
Tot Ion: 83 Resp: 5392
Ion Ratio Lower Upper
83 100
85 73.8 45.5 84.5



#37
1,2-Dichloropropane
Concen: 5.567 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018136.D
Acq: 28 Aug 2020 15:07

Tgt Ion: 63 Resp: 11111
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

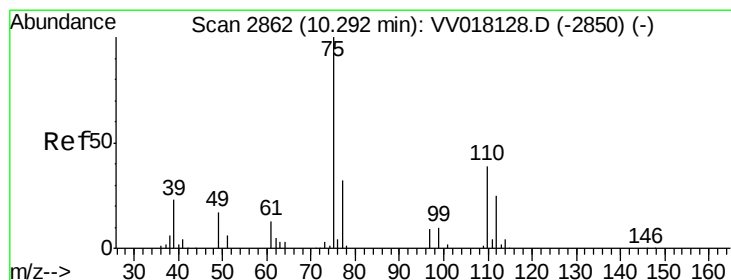
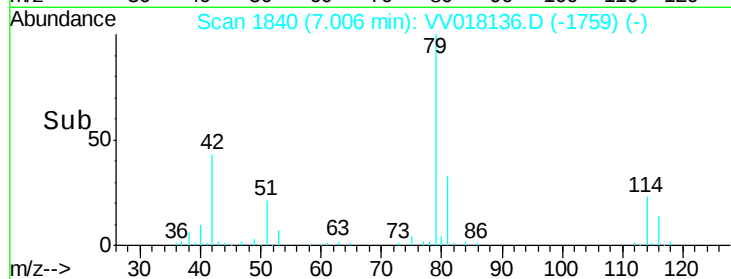
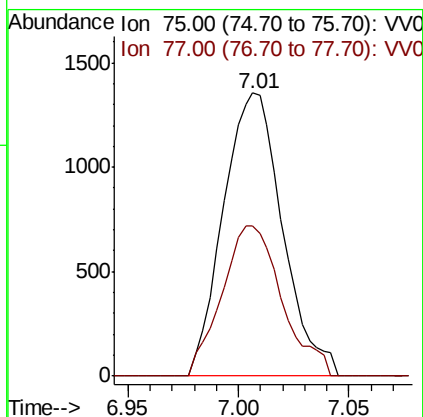
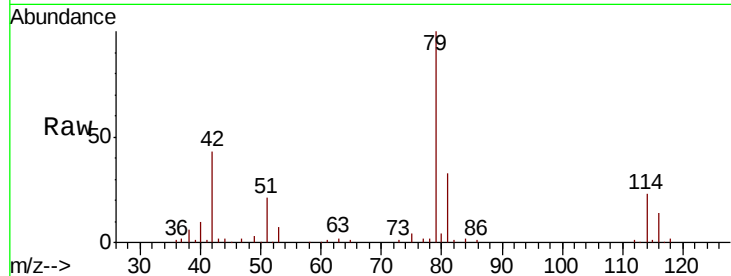




#39
 cis-1,3-Dichloropropene
 Concen: 0.891 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018136.D
 Acq: 28 Aug 2020 15:07

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK53

Tot Ion: 75 Resp: 2521
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.3 41.5#



#59
 1,2,3-Trichloropropane
 Concen: 5.324 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV018136.D
 Acq: 28 Aug 2020 15:07

Tgt Ion: 75 Resp: 13123
 Ion Ratio Lower Upper
 75 100
 77 38.7 25.7 38.5#

