

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014810.D
 Acq On : 10 Mar 2020 18:38
 Operator : SY/MD
 Sample : L1858-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 11 03:51:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	412756	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96431	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.58	69	83253	37.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.12	63	132908	28.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.28%#
21) 2-Butanone-d5	3.94	46	180552	86.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.67%
24) Chloroform-d	4.38	84	231044	43.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	5.06	65	161389	44.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.84%
32) Benzene-d6	5.08	84	470162	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.10	67	148089	42.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.50%
41) Toluene-d8	7.34	98	446062	43.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.14%
43) trans-1,3-Dichloropropene-	7.64	79	68311	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.84%
47) 2-Hexanone-d5	8.12	63	146539	94.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.17%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212248	44.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.06%
64) 1,2-Dichlorobenzene-d4	11.65	152	181653	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%

Target Compounds

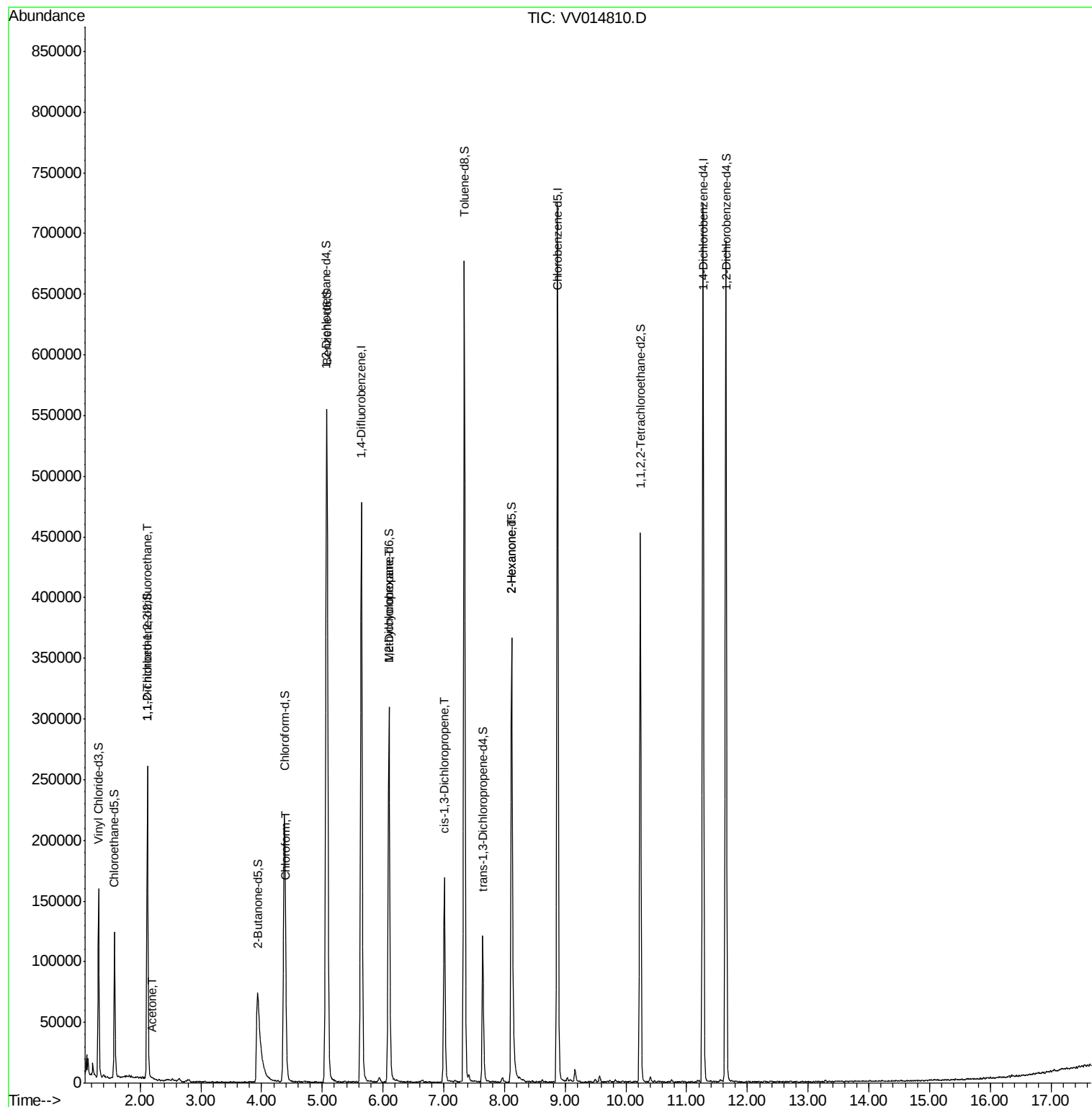
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1520	0.663 ug/L #	27
13) Acetone	2.21	43	1960	1.127 ug/L	91
25) Chloroform	4.41	83	8272	1.476 ug/L	99
35) Methylcyclohexane	6.10	83	36717	7.336 ug/L #	19
39) cis-1,3-Dichloropropene	7.00	75	4308	0.877 ug/L #	68
48) 2-Hexanone	8.12	43	16070	4.497 ug/L #	72

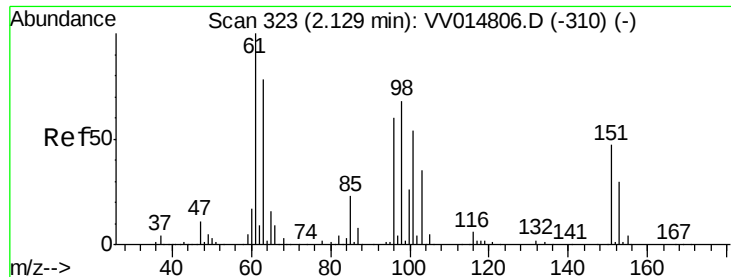
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.663 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV014810.D

Acq: 10 Mar 2020 18:38

Instrument :

MSVOA_V

ClientSampled :

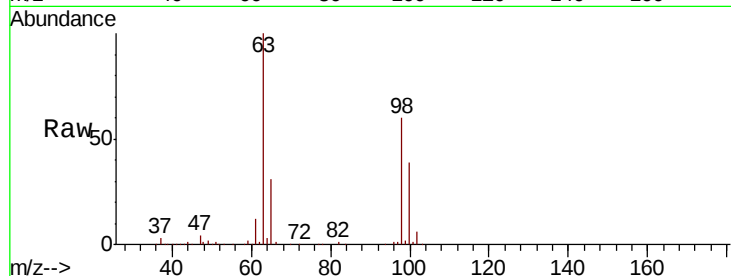
Tot Ion:101 Resp: 1520

Ion Ratio Lower Upper

101 100

85 8.6 35.0 52.6#

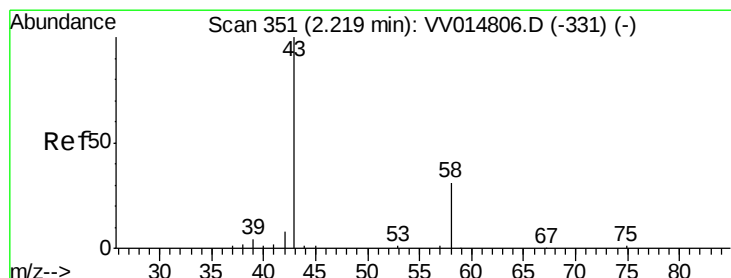
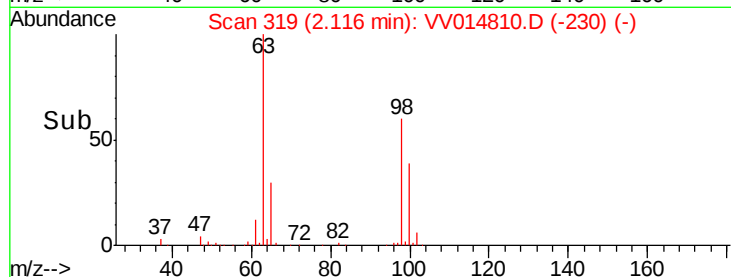
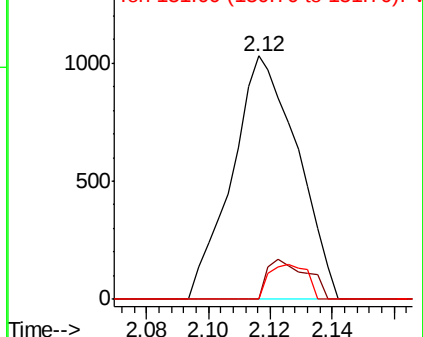
151 8.3 66.4 99.6#



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: 1.127 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV014810.D

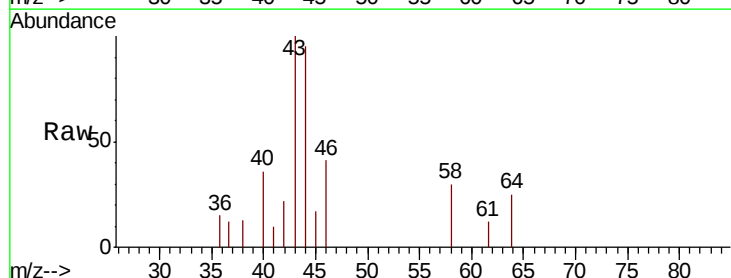
Acq: 10 Mar 2020 18:38

Tgt Ion: 43 Resp: 1960

Ion Ratio Lower Upper

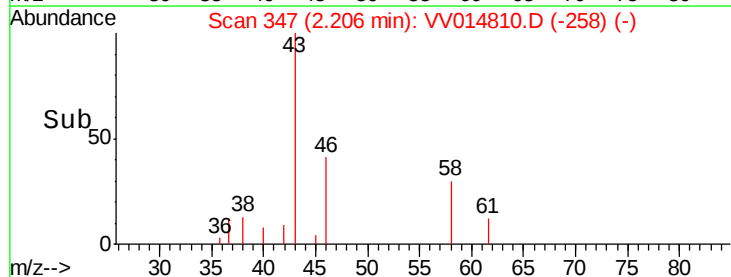
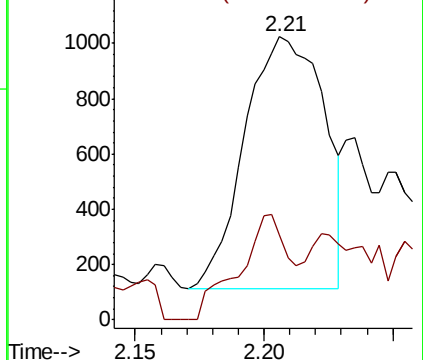
43 100

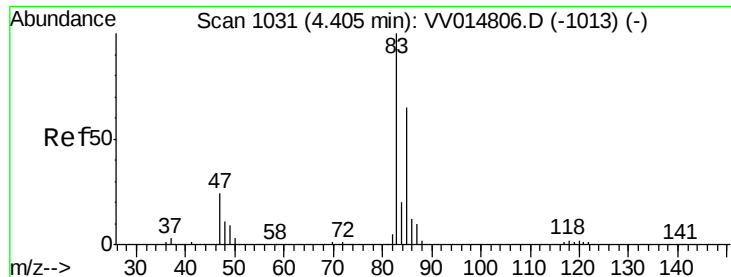
58 26.0 0.0 62.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

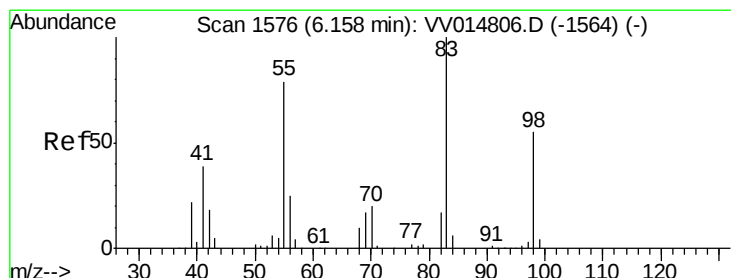
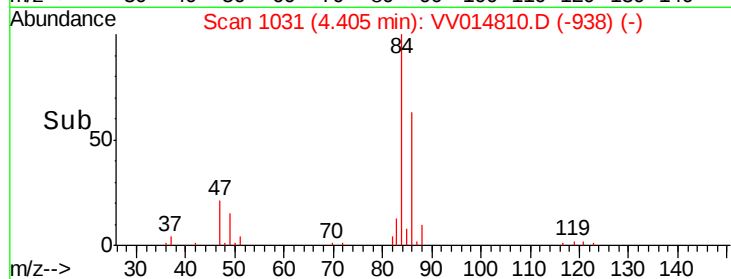
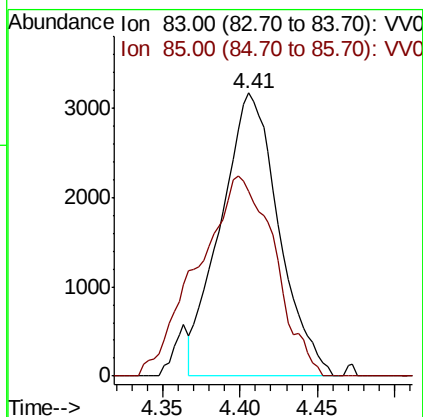
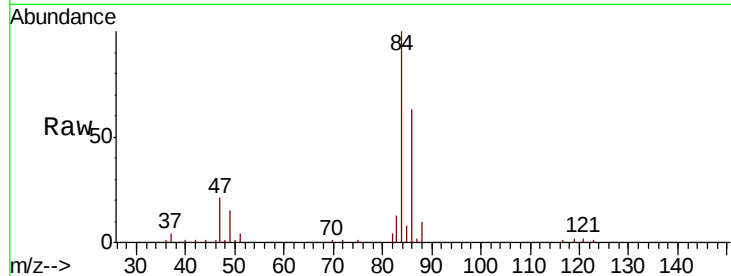




#25
Chloroform
Concen: 1.476 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014810.D
Acq: 10 Mar 2020 18:38

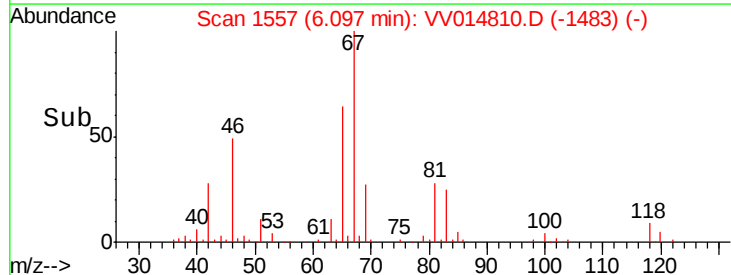
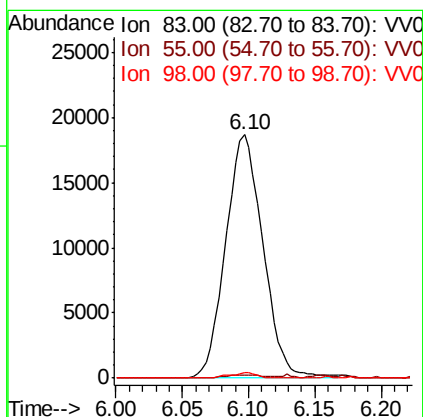
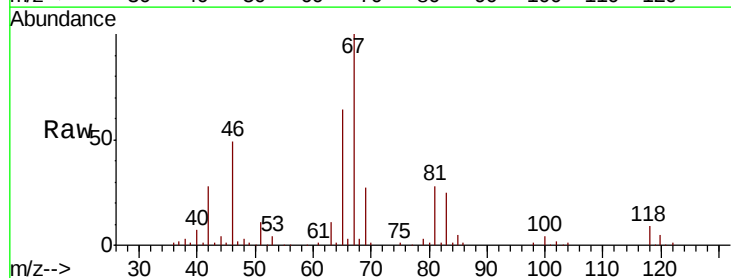
Instrument :
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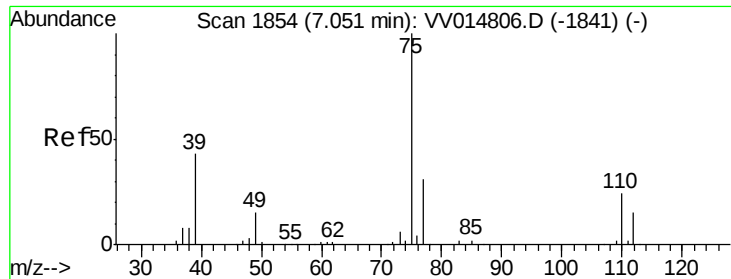
Tot Ion: 83 Resp: 8272
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9



#35
Methylcyclohexane
Concen: 7.336 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV014810.D
Acq: 10 Mar 2020 18:38

Tgt Ion: 83 Resp: 36717
Ion Ratio Lower Upper
83 100
55 1.2 63.4 95.2#
98 1.1 36.8 55.2#

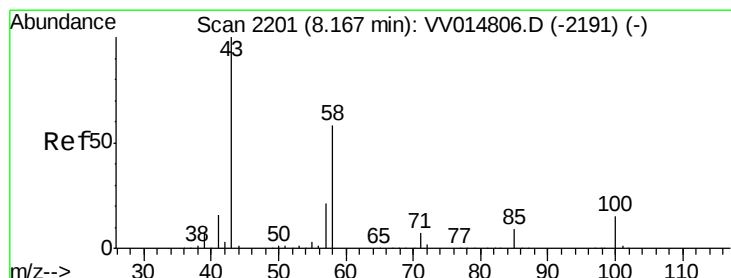
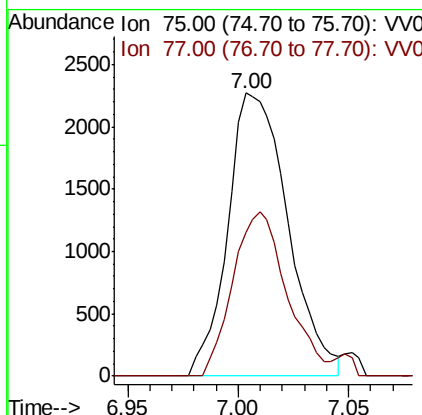
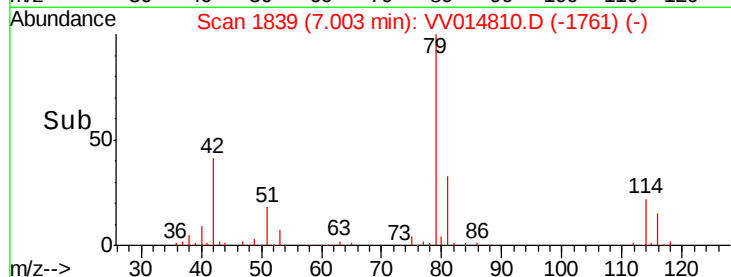
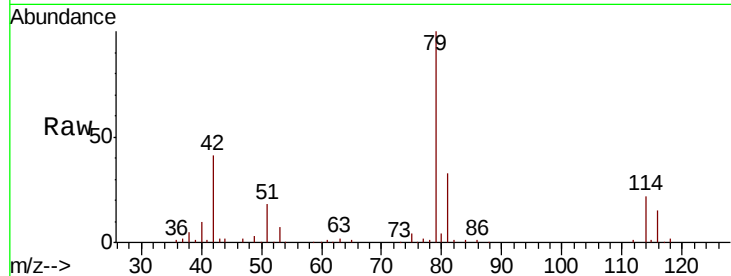




#39
 cis-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV014810.D
 Acq: 10 Mar 2020 18:38

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 4308
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.8 42.4#



#48
 2-Hexanone
 Concen: 4.497 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.05 min
 Lab File: VV014810.D
 Acq: 10 Mar 2020 18:38

Tgt Ion: 43 Resp: 16070
 Ion Ratio Lower Upper
 43 100
 58 32.0 43.3 64.9#
 57 29.1 15.6 23.4#
 100 0.6 8.7 13.1#

