

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017808.D
 Acq On : 06 Aug 2020 12:50
 Operator : SY/MD
 Sample : L3562-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGS8

Quant Time: Aug 07 05:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	211327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	207538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114346	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41700	40.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.94%
7) Chloroethane-d5	1.58	69	39179	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.06%
11) 1,1-Dichloroethene-d2	2.12	63	82437	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	3.91	46	72078	93.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.02%
24) Chloroform-d	4.38	84	130819	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
26) 1,2-Dichloroethane-d4	5.06	65	103233	50.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.36%
32) Benzene-d6	5.07	84	220643	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.88%
36) 1,2-Dichloropropane-d6	6.09	67	58288	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.34	98	221111	45.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.84%
43) trans-1,3-Dichloropropene-	7.64	79	41366	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.11	63	51137	87.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.74%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	87173	42.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	112021	49.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.82%

Target Compounds

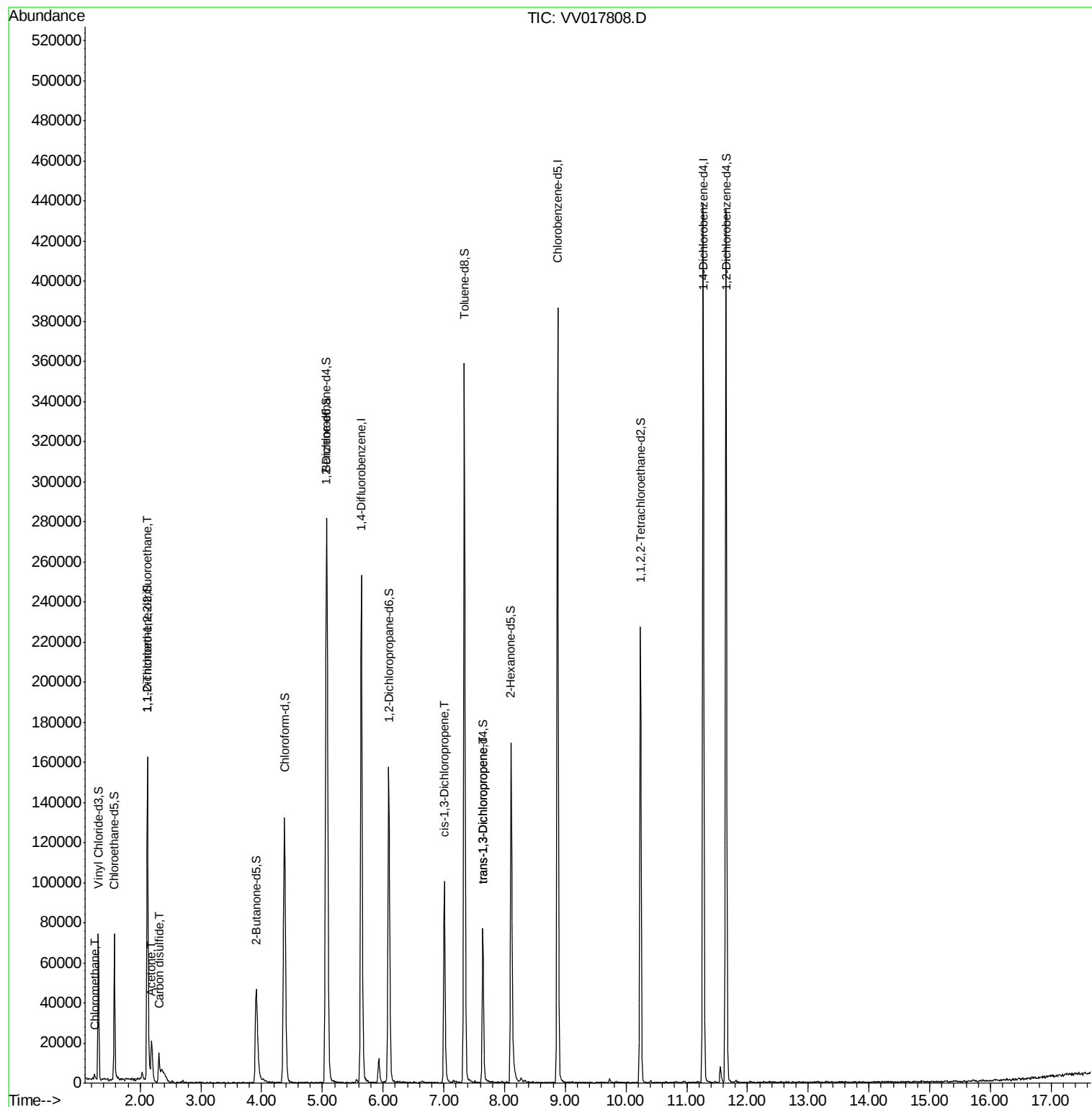
					Ovalue
3) Chloromethane	1.25	50	1309	0.925 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1041	0.764 ug/L #	15
13) Acetone	2.19	43	24922	25.324 ug/L	98
14) Carbon disulfide	2.31	76	15008	3.829 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3099	1.308 ug/L	84
44) trans-1,3-Dichloropropene	7.64	75	2237	0.920 ug/L #	46

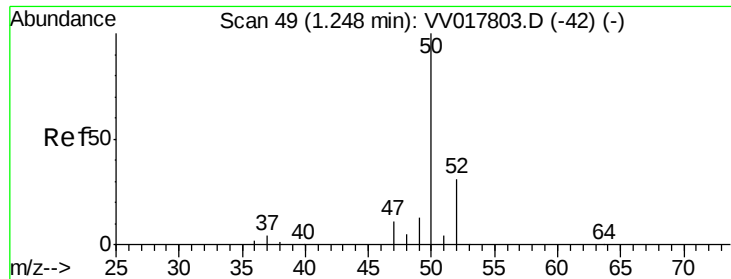
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.925 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017808.D

Acq: 06 Aug 2020 12:50

Instrument :

MSVOA_V

ClientSampleId :

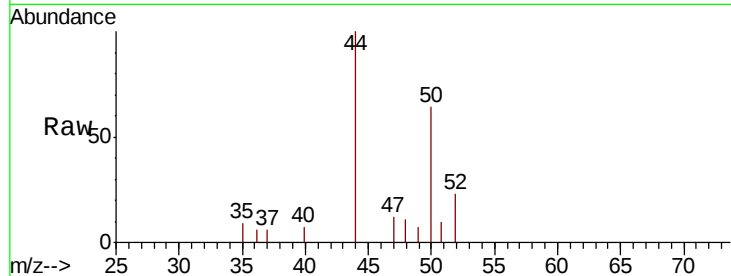
BFSG8

Tot Ion: 50 Resp: 1309

Ion Ratio Lower Upper

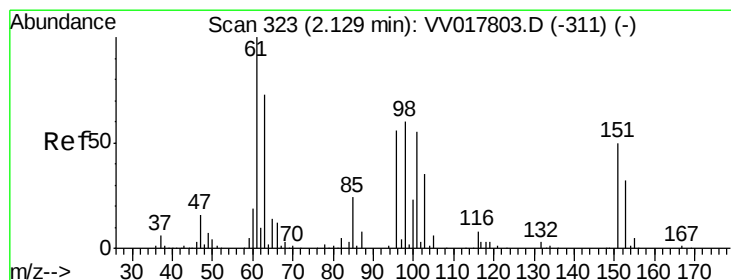
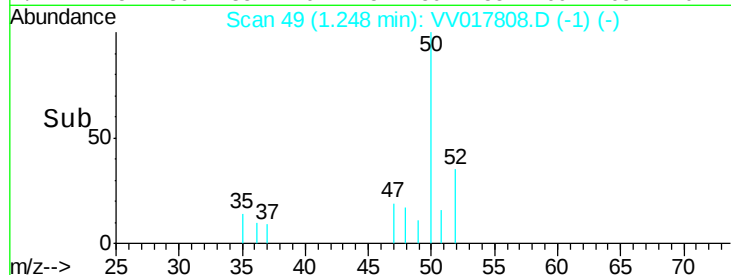
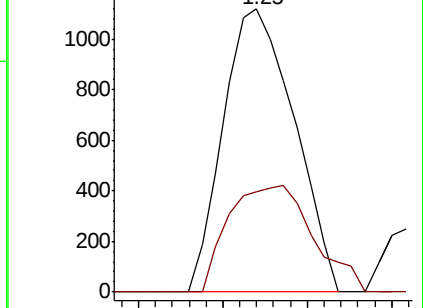
50 100

52 35.3 23.6 43.8



Abundance Ion 50.00 (49.70 to 50.70): VV017808.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV017808.D (-42) (-)



#10

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

Concen: 0.764 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV017808.D

Acq: 06 Aug 2020 12:50

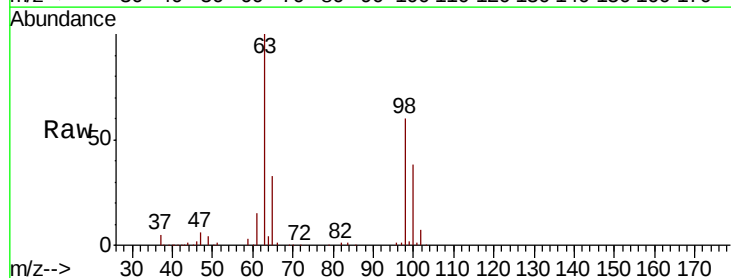
Tgt Ion: 101 Resp: 1041

Ion Ratio Lower Upper

101 100

85 0.0 37.2 55.8#

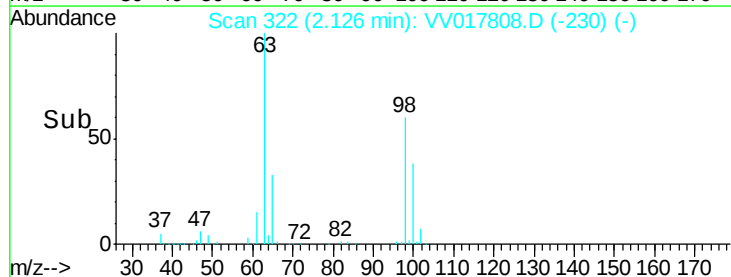
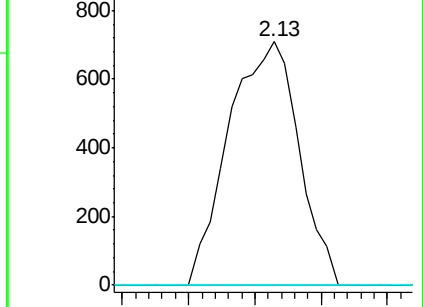
151 0.0 68.2 102.2#

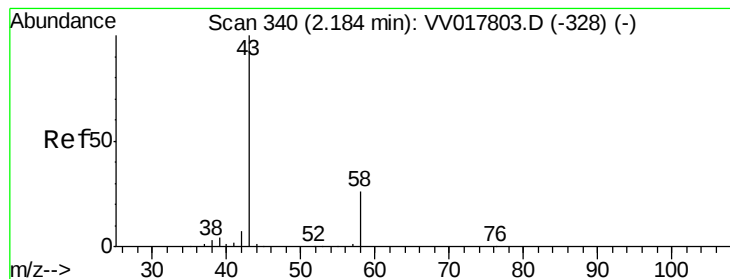


Abundance Ion 101.00 (100.70 to 101.70): VV017808.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017808.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017808.D (-311) (-)





#13

Acetone

Concen: 25.324 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017808.D

Acq: 06 Aug 2020 12:50

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ClientSampleId :

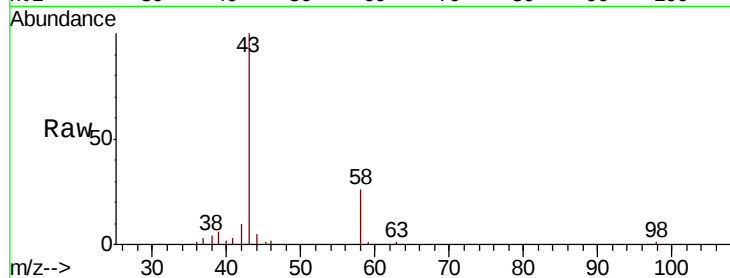
BFSG8

Tot Ion: 43 Resp: 24922

Ion Ratio Lower Upper

43 100

58 27.4 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV017803.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV017803.D (-328) (-)

2.19

15000

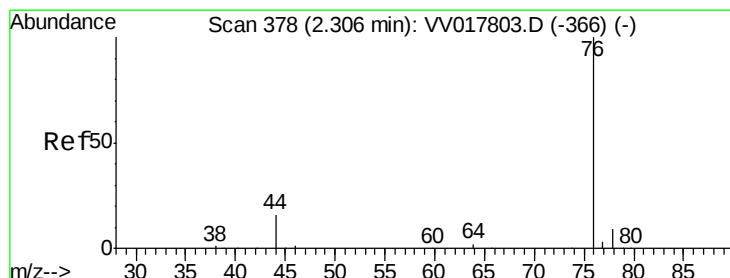
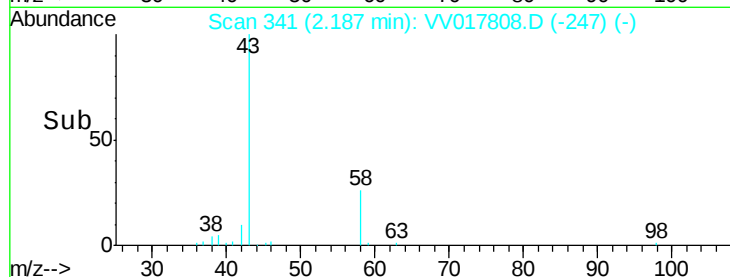
10000

5000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 3.829 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV017808.D

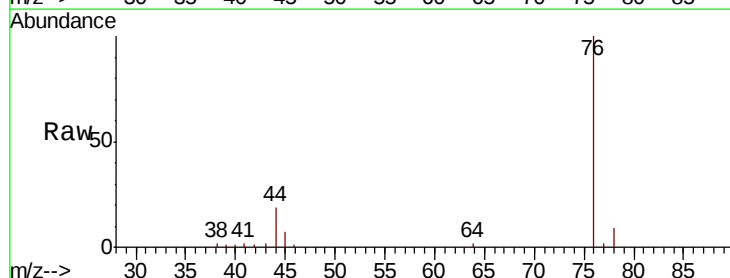
Acq: 06 Aug 2020 12:50

Tgt Ion: 76 Resp: 15008

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV017808.D (-285) (-)

Ion 78.00 (77.70 to 78.70): VV017808.D (-285) (-)

2.31

12000

10000

8000

6000

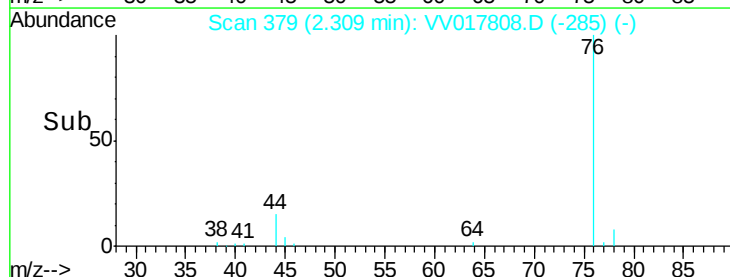
4000

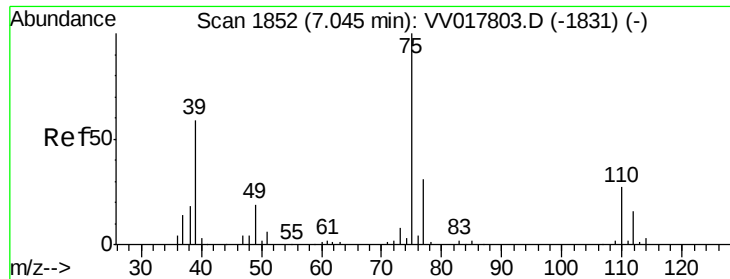
2000

0

Time-->

2.25 2.30 2.35

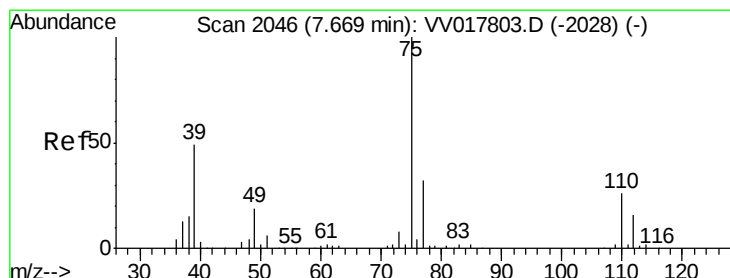
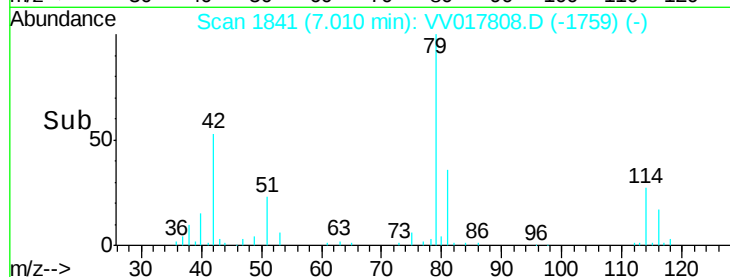
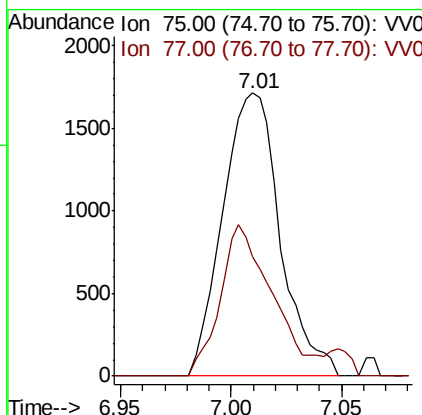
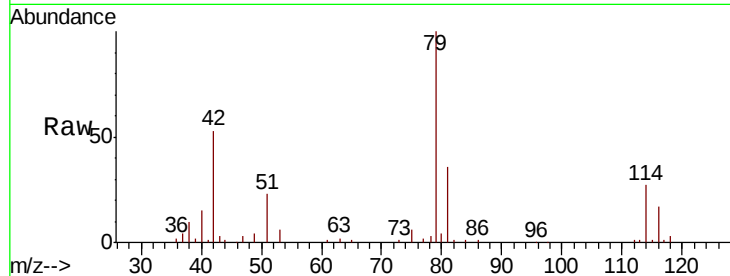




#39
 cis-1,3-Dichloropropene
 Concen: 1.308 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV017808.D
 Acq: 06 Aug 2020 12:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BFSG8

Tot Ion: 75 Resp: 3099
 Ion Ratio Lower Upper
 75 100
 77 42.2 23.2 43.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.920 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV017808.D
 Acq: 06 Aug 2020 12:50

Tgt Ion: 75 Resp: 2237
 Ion Ratio Lower Upper
 75 100
 77 61.0 21.8 40.6#

