

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017643.D
 Acq On : 24 Jul 2020 12:43
 Operator : SY/MD
 Sample : VV0724WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:08:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	163393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159488	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37475	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	30764	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.12	63	65437	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.95	46	25527	13.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	27.36%#
24) Chloroform-d	4.38	84	92880	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	49320	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.07	84	166116	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.10	67	45013	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.34	98	149084	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.64	79	18789	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	8.12	63	54487	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29929	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	59438	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

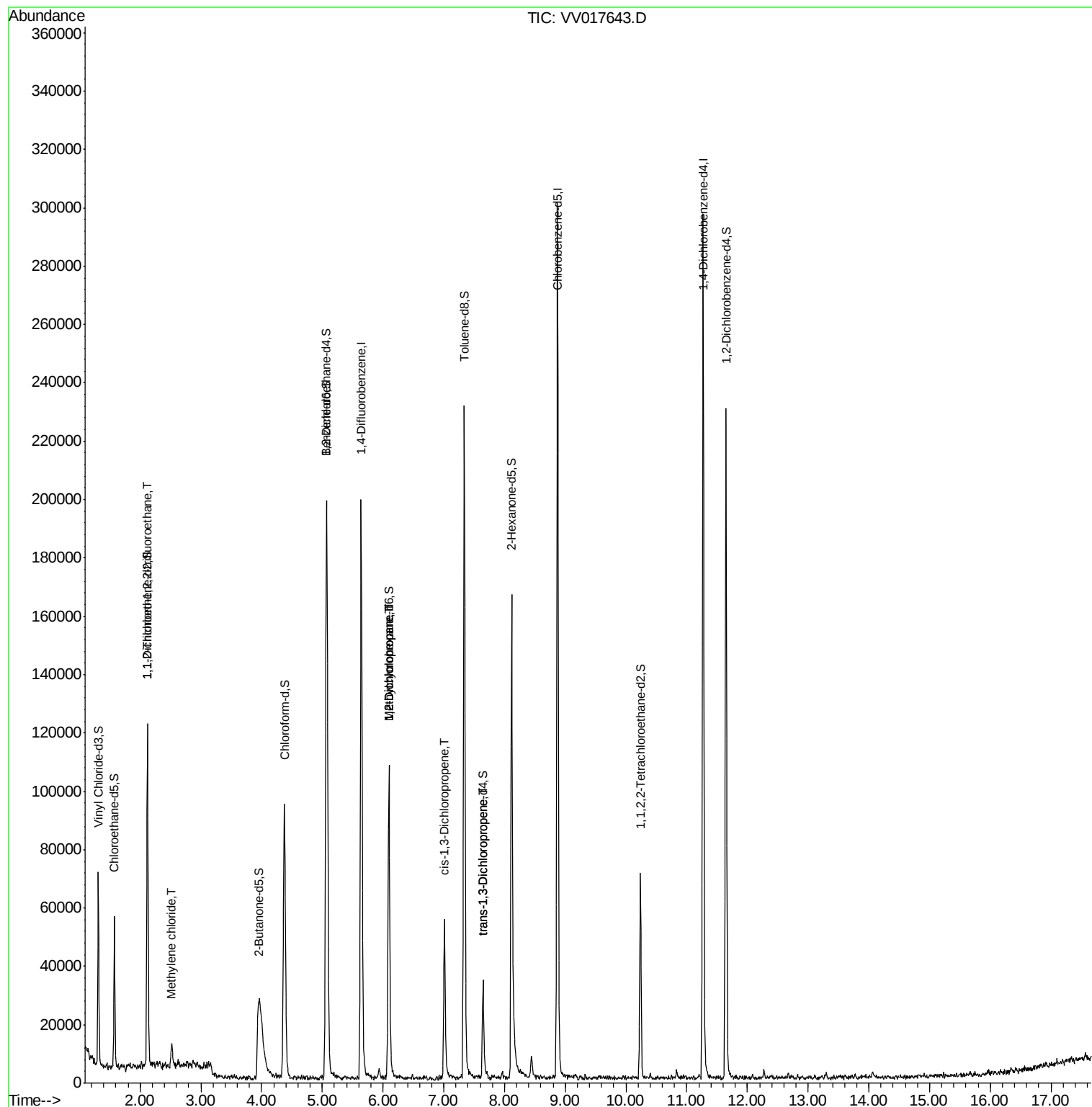
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	714	0.073 ug/L #	31
16) Methylene chloride	2.52	84	2514	0.257 ug/L	87
35) Methylcyclohexane	6.09	83	13283	0.696 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6350	0.599 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1689	0.106 ug/L	100
46) trans-1,3-Dichloropropene	7.64	75	1225	0.085 ug/L	99

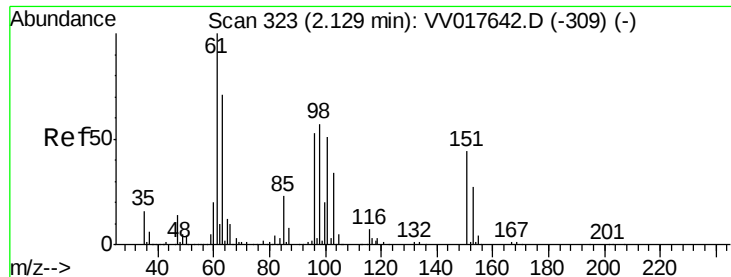
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.073 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017643.D

Acq: 24 Jul 2020 12:43

Instrument :

MSVOA_V

ClientSampled :

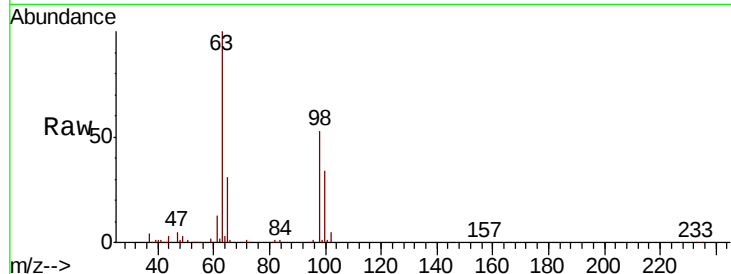
Tot Ion:101 Resp: 714

Ion Ratio Lower Upper

101 100

85 15.4 34.6 51.8#

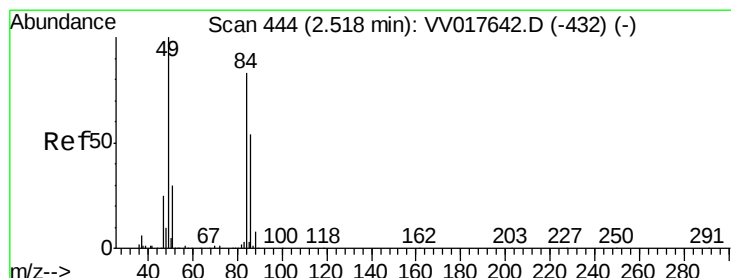
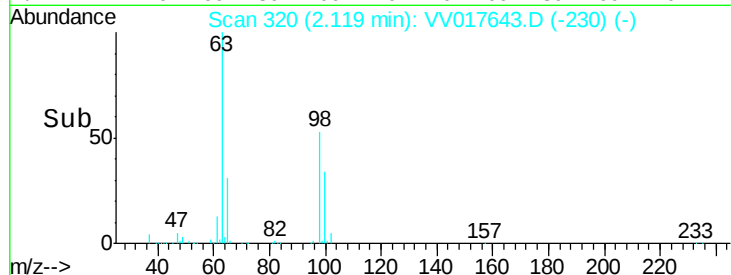
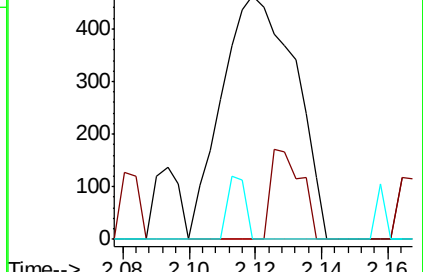
151 6.3 63.5 95.3#



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: 0.257 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017643.D

Acq: 24 Jul 2020 12:43

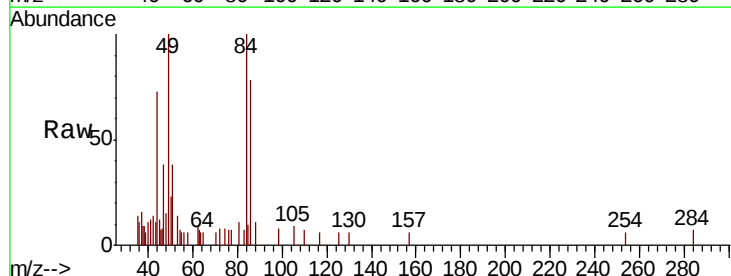
Tgt Ion: 84 Resp: 2514

Ion Ratio Lower Upper

84 100

86 78.2 46.5 86.3

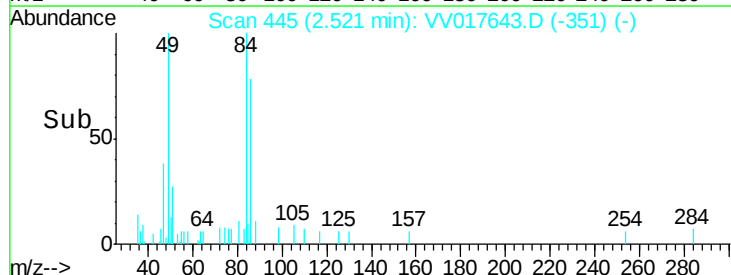
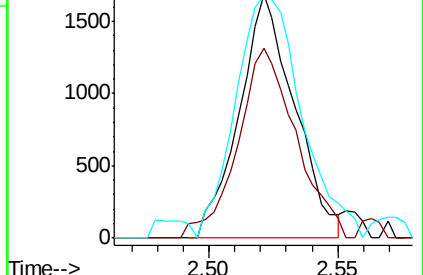
49 99.5 79.2 147.2

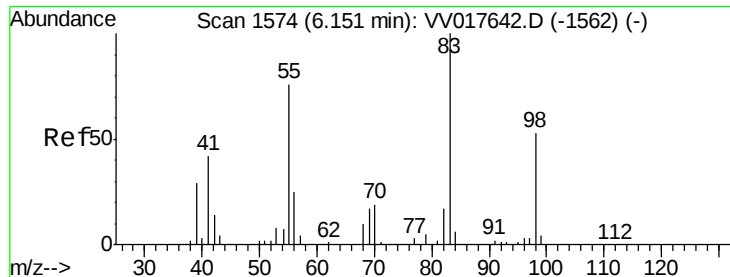


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

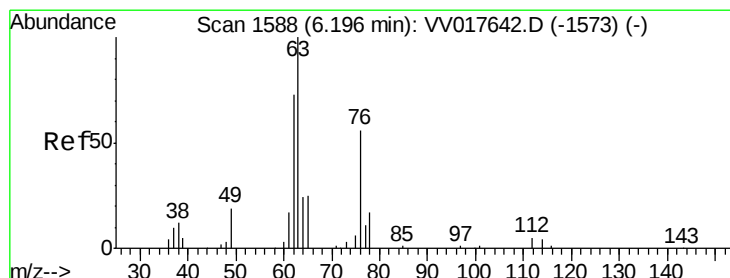
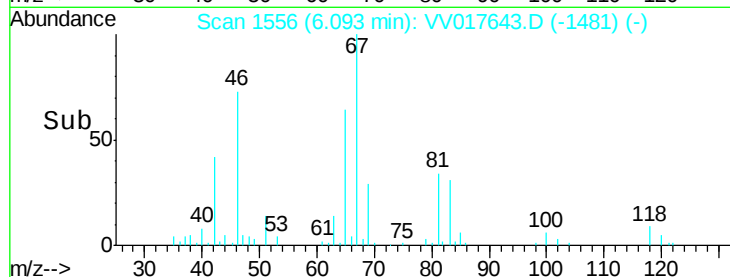
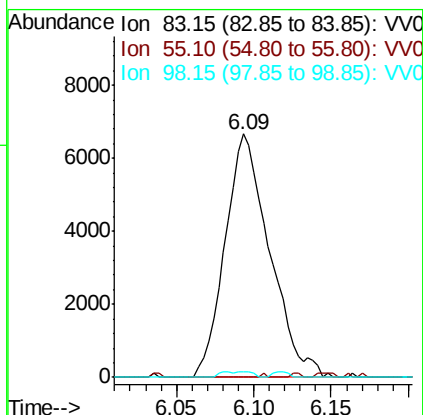
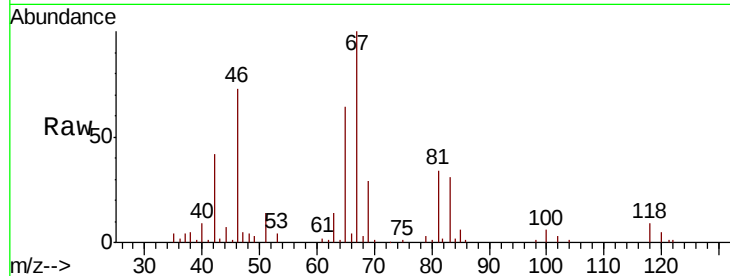




#35
Methvlcvclohexane
Concen: 0.696 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017643.D
Acq: 24 Jul 2020 12:43

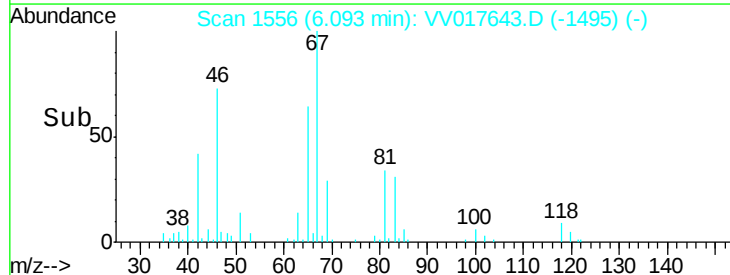
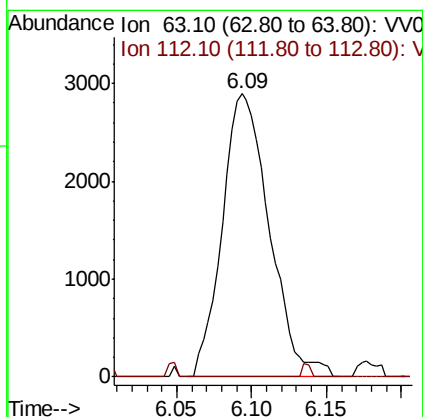
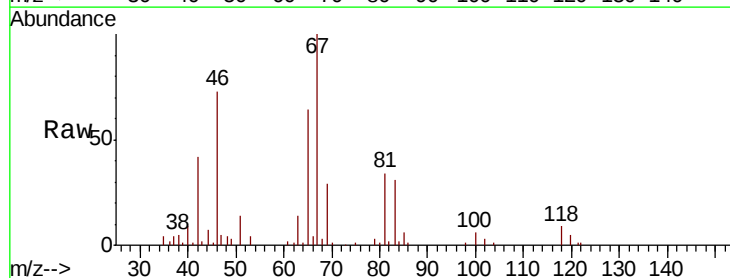
Instrument :
MSVOA_V
ClientSampleId :

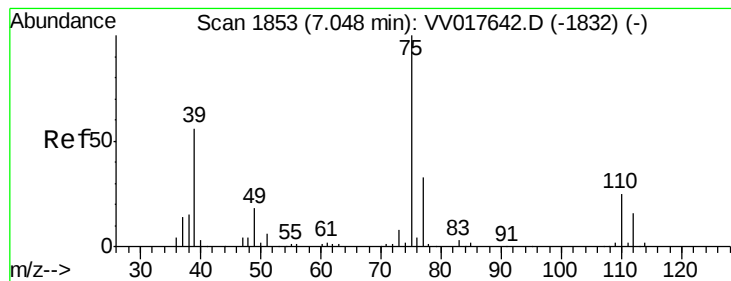
Tot Ion: 83 Resp: 13283
Ion Ratio Lower Upper
83 100
55 0.0 61.8 92.8#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.599 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV017643.D
Acq: 24 Jul 2020 12:43

Tgt Ion: 63 Resp: 6350
Ion Ratio Lower Upper
63 100
112 0.8 4.5 6.7#



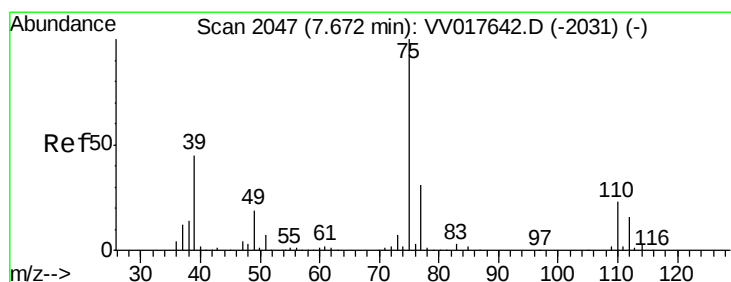
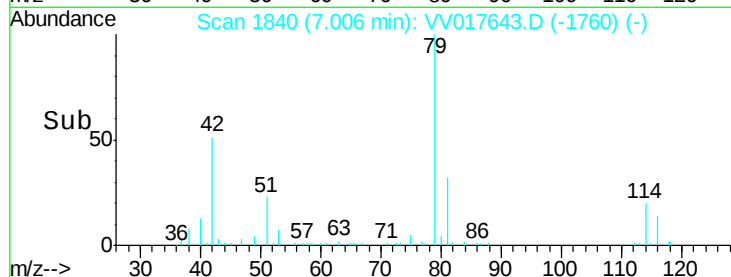
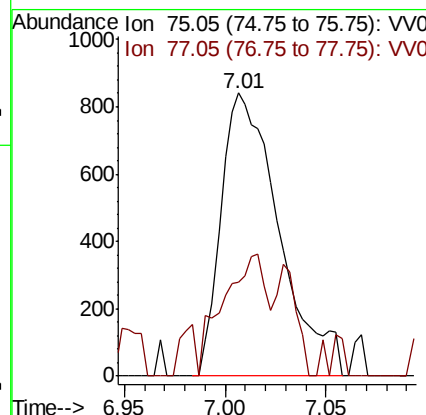
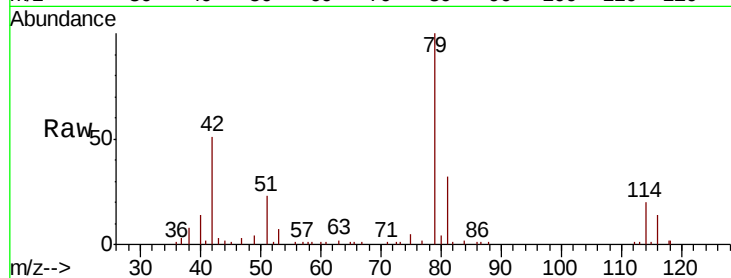


#39

cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017643.D
 Acq: 24 Jul 2020 12:43

Instrument :
 MSVOA_V
 ClientSampleID :

Tot Ion: 75 Resp: 1689
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.2 43.2



#46

trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.64 min Scan# 2037
 Delta R.T. -0.03 min
 Lab File: VV017643.D
 Acq: 24 Jul 2020 12:43

Tgt Ion: 75 Resp: 1225
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.5 41.7

