

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018322.D
 Acq On : 18 Sep 2020 15:07
 Operator : SY/MD
 Sample : L4065-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:43:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 01:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276463	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133482	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	98986	43.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.86%
7) Chloroethane-d5	1.58	69	82020	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.98%
11) 1,1-Dichloroethene-d2	2.12	63	141615	34.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.54%
21) 2-Butanone-d5	3.92	46	116936	84.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.79%
24) Chloroform-d	4.38	84	171792	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
26) 1,2-Dichloroethane-d4	5.06	65	114443	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
32) Benzene-d6	5.08	84	347861	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
36) 1,2-Dichloropropane-d6	6.09	67	110859	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.14%
41) Toluene-d8	7.34	98	304315	42.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.36%
43) trans-1,3-Dichloropropene-	7.64	79	51269	40.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.22%
47) 2-Hexanone-d5	8.11	63	80928	84.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139419	44.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	127391	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%

Target Compounds

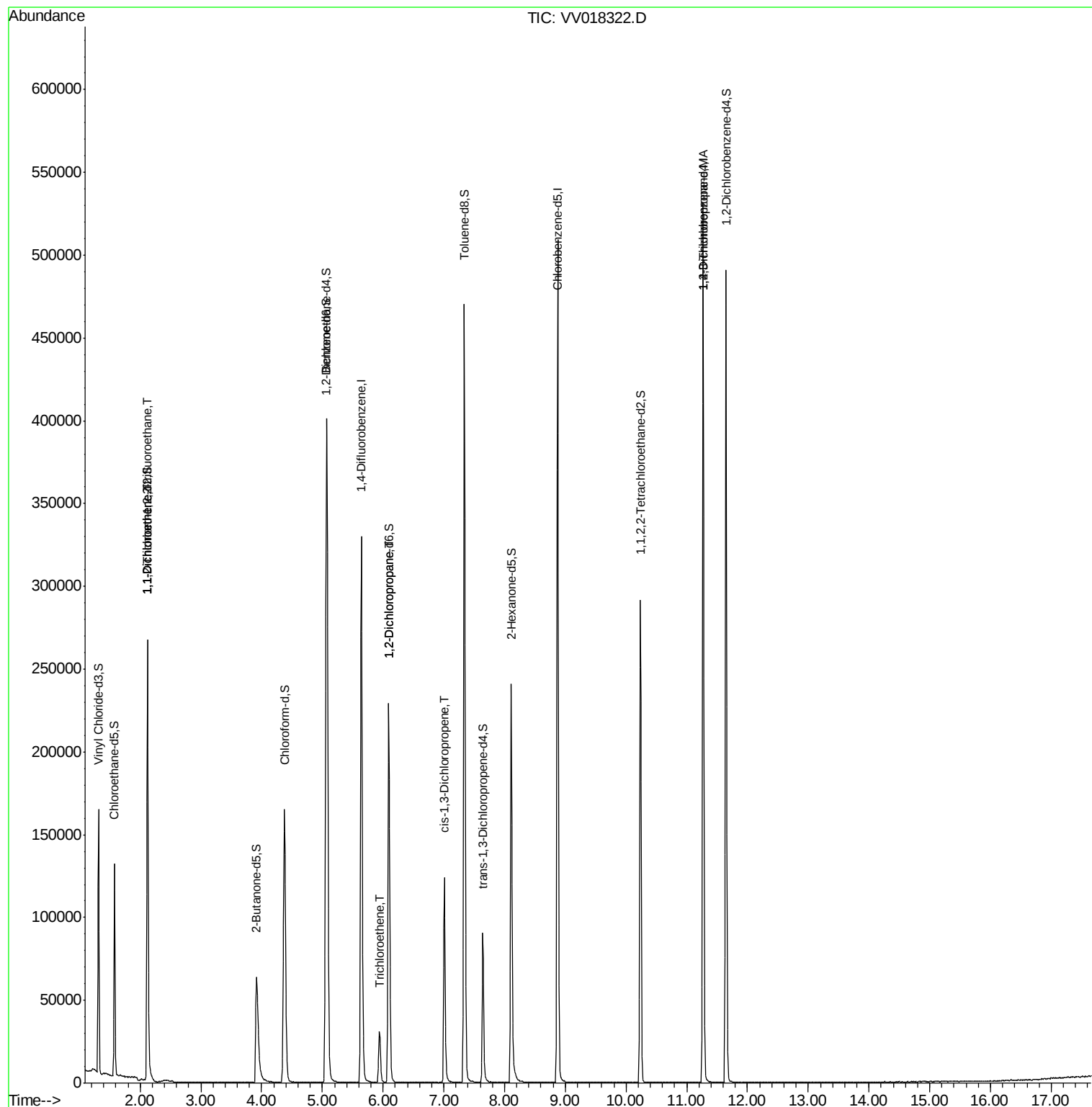
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1294	0.694 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	1542	0.849 ug/L #	1
34) Trichloroethene	5.94	95	10160	4.717 ug/L	96
37) 1,2-Dichloropropane	6.09	63	12151	5.800 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2789	0.864 ug/L #	63
59) 1,2,3-Trichloropropane	11.27	75	15143	6.145 ug/L	92

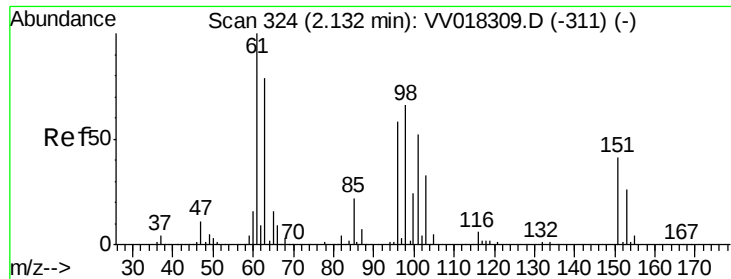
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.694 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018322.D

Acq: 18 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

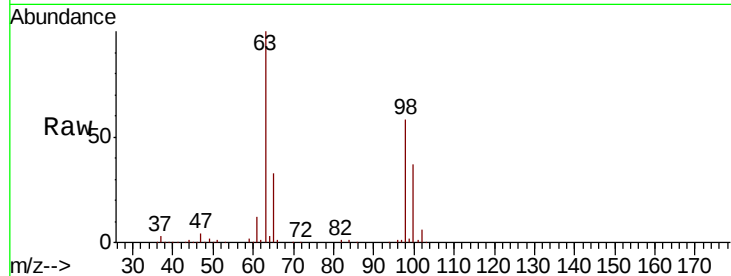
Tot Ion:101 Resp: 1294

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

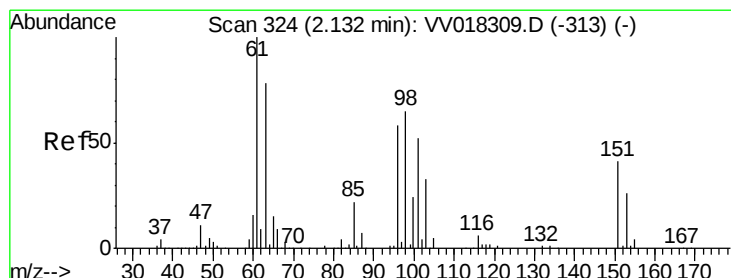
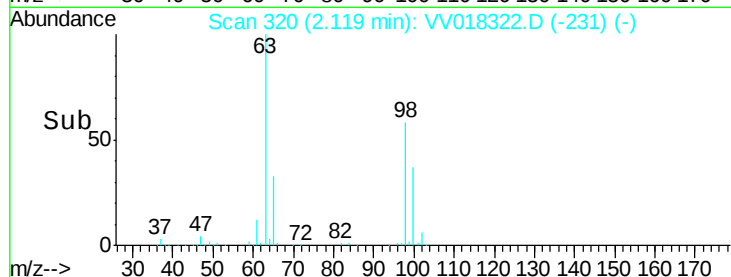
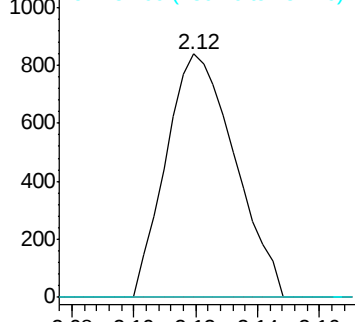
151 0.0 62.2 93.2#



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



#12

1,1-Dichloroethene

Concen: 0.849 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV018322.D

Acq: 18 Sep 2020 15:07

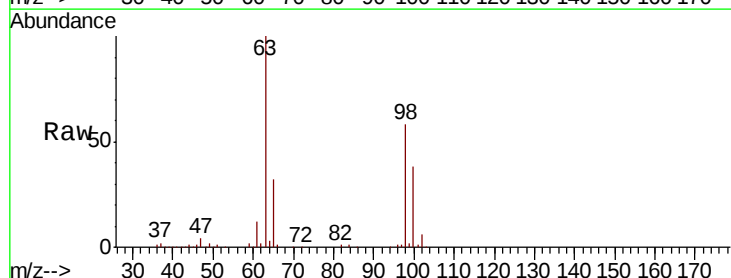
Tgt Ion: 96 Resp: 1542

Ion Ratio Lower Upper

96 100

61 1085.6 122.9 228.3#

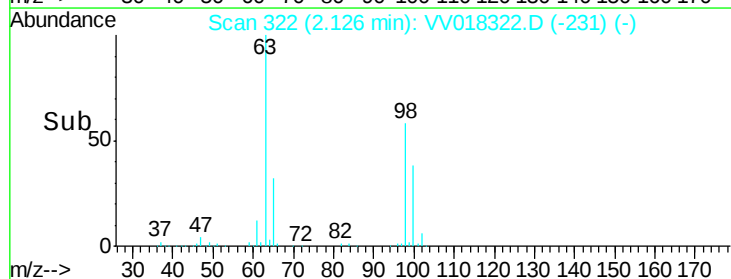
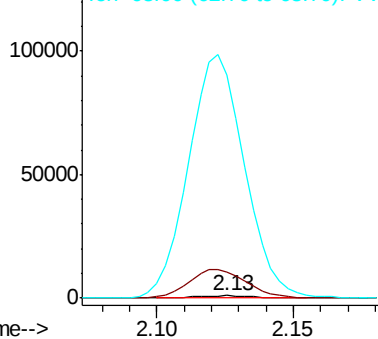
63 9157.7 91.9 170.7#

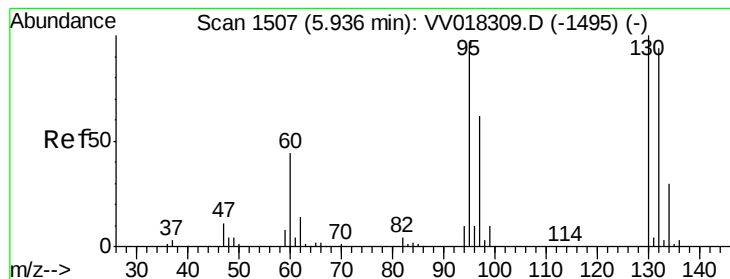


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#34

Trichloroethene

Concen: 4.717 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018322.D

Acq: 18 Sep 2020 15:07

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 10160

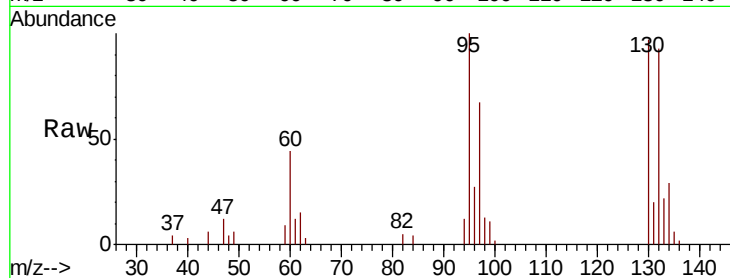
Ion Ratio Lower Upper

95 100

97 66.6 46.3 85.9

132 92.5 68.1 126.5

130 96.8 71.5 132.9

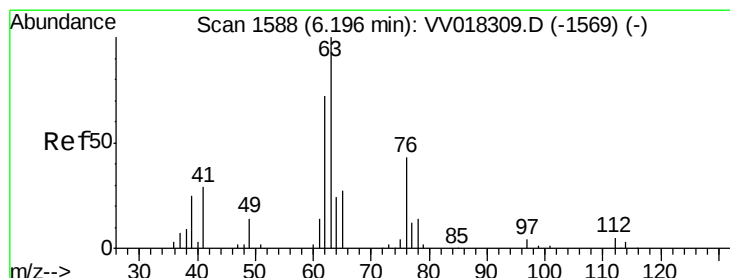
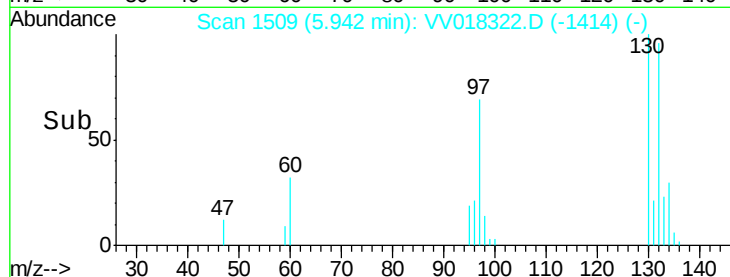
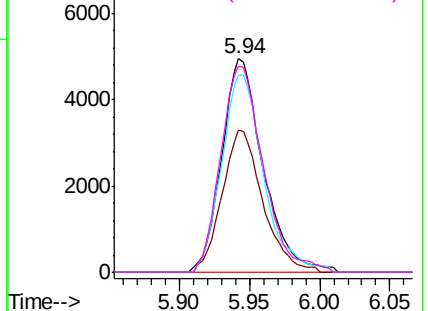


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.800 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018322.D

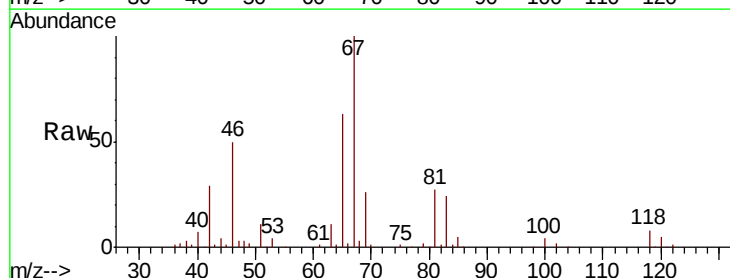
Acq: 18 Sep 2020 15:07

Tgt Ion: 63 Resp: 12151

Ion Ratio Lower Upper

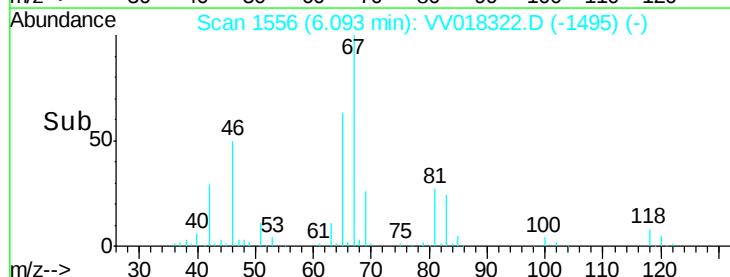
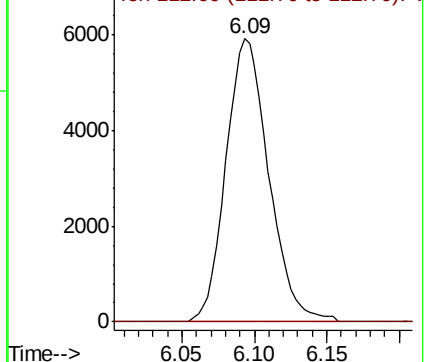
63 100

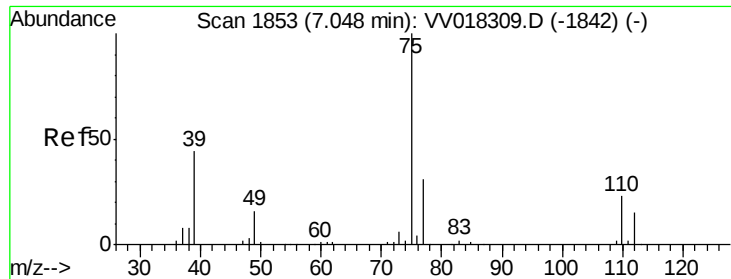
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

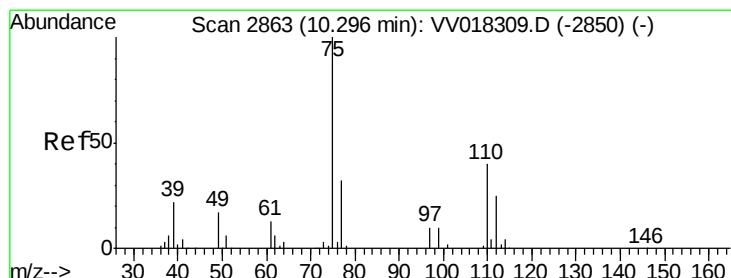
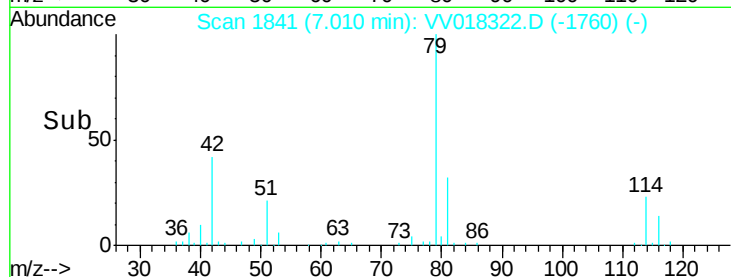
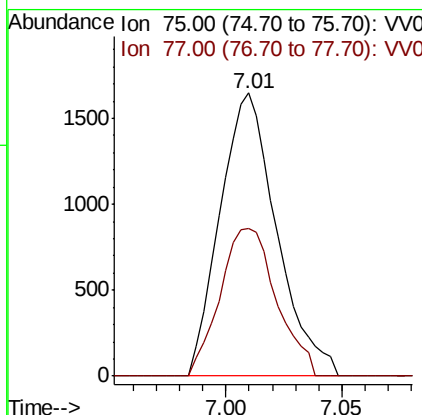
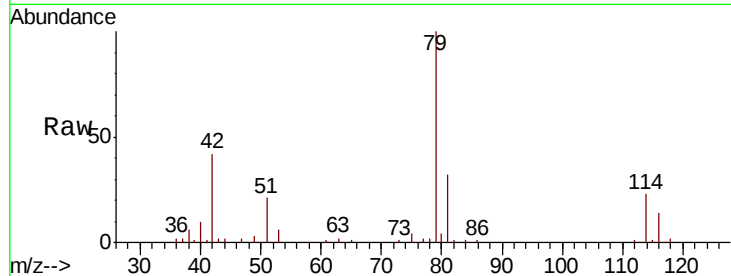




#39
 cis-1,3-Dichloropropene
 Concen: 0.864 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018322.D
 Acq: 18 Sep 2020 15:07

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2789
 Ion Ratio Lower Upper
 75 100
 77 52.2 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 6.145 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018322.D
 Acq: 18 Sep 2020 15:07

Tgt Ion: 75 Resp: 15143
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.8 38.6

