

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018350.D
 Acq On : 19 Sep 2020 02:02
 Operator : SY/MD
 Sample : L4080-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:20:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 19 05:11:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272968	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	275353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	129278	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91384	41.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.16%
7) Chloroethane-d5	1.58	69	76454	42.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.12	63	137163	33.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.22%
21) 2-Butanone-d5	3.91	46	120016	88.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.14%
24) Chloroform-d	4.38	84	169783	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
26) 1,2-Dichloroethane-d4	5.06	65	113848	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
32) Benzene-d6	5.08	84	340866	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
36) 1,2-Dichloropropane-d6	6.09	67	111094	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.34	98	301599	41.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.96%
43) trans-1,3-Dichloropropene-	7.64	79	50369	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.11	63	77647	81.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135302	43.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	124977	47.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.14%

Target Compounds

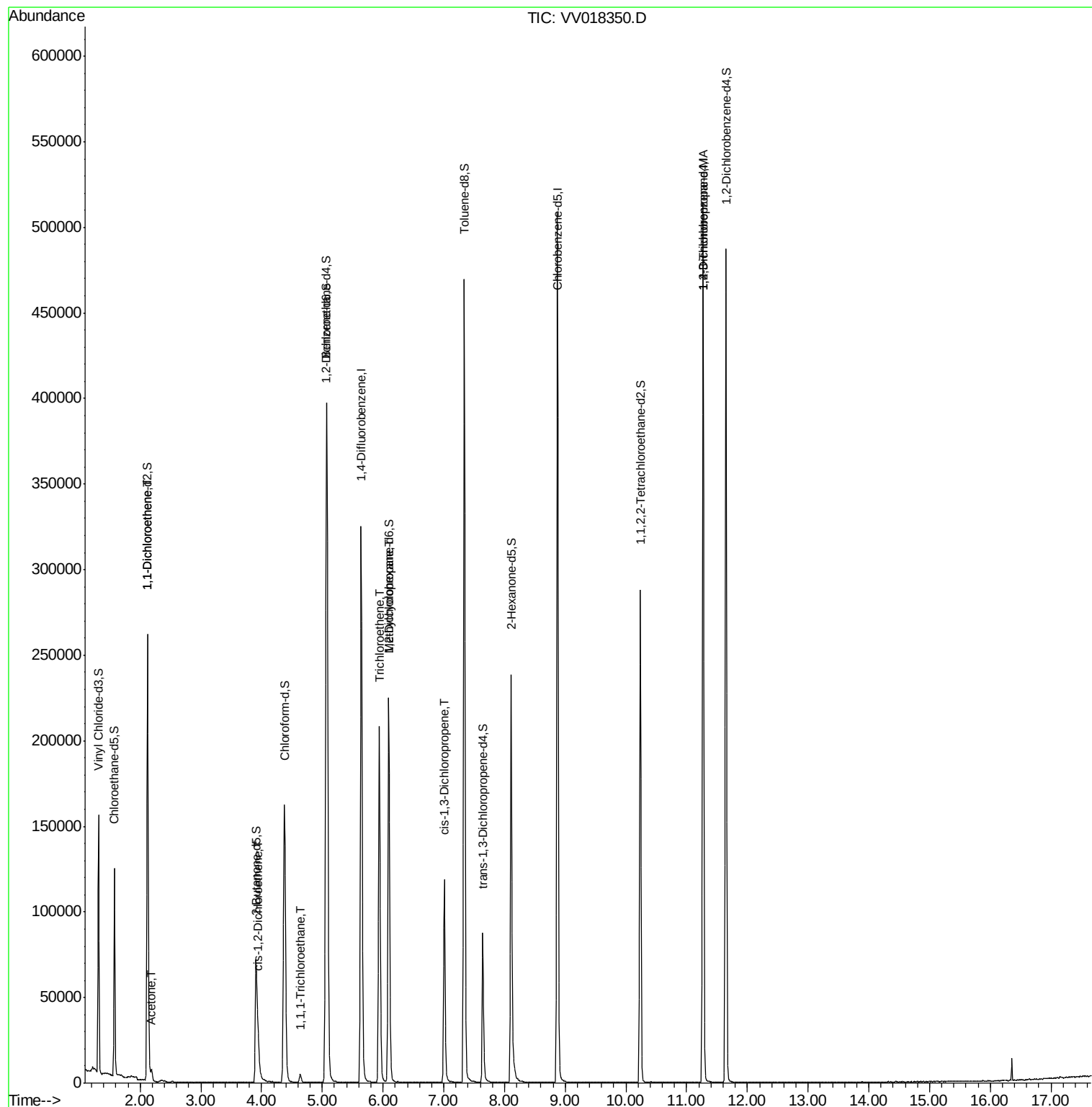
					Ovalue
12) 1,1-Dichloroethene	2.13	96	5164	2.881 ug/L #	1
13) Acetone	2.19	43	7912	7.257 ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	5469	2.770 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	4165	1.303 ug/L	96
34) Trichloroethene	5.94	95	72538	33.823 ug/L	98
35) Methylcyclohexane	6.09	83	26343	8.158 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	2728	0.849 ug/L #	75
59) 1,2,3-Trichloropropane	11.27	75	14533	5.923 ug/L	92

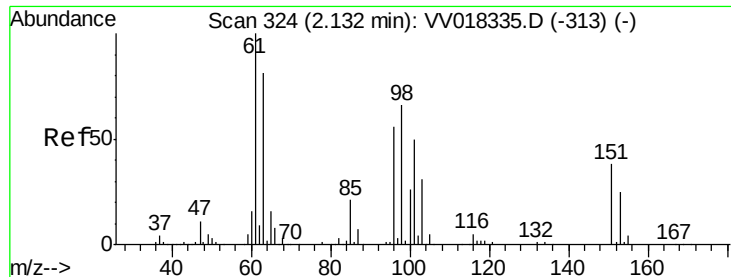
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091820\
Data File : VV018350.D
Acq On : 19 Sep 2020 02:02
Operator : SY/MD
Sample : L4080-12
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 05:20:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 19 05:11:16 2020
Response via : Initial Calibration

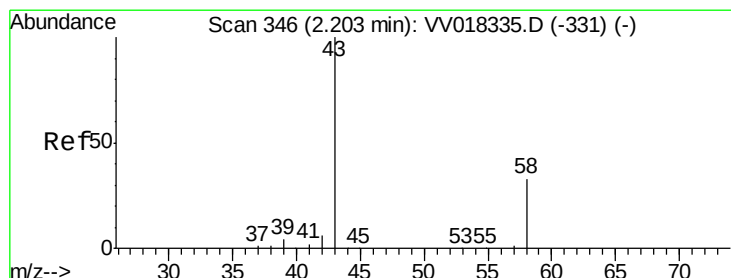
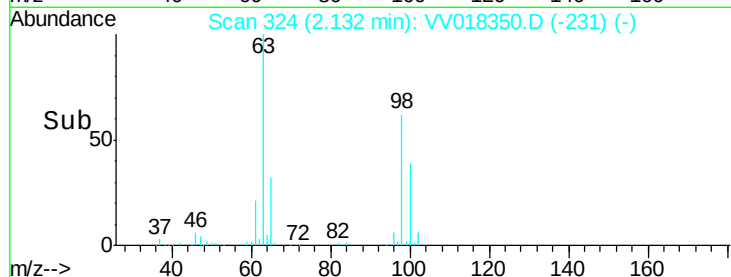
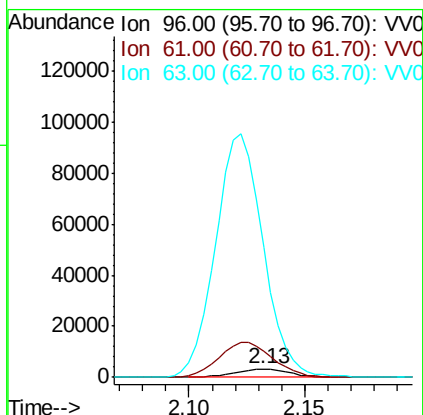
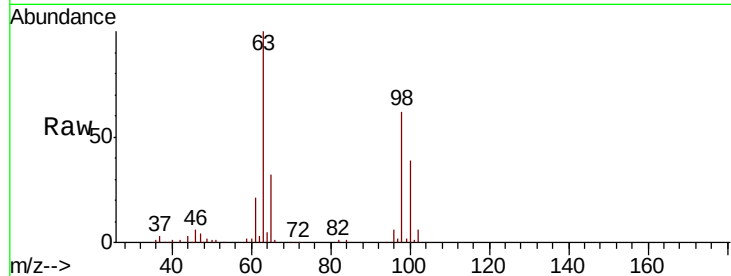




#12
 1,1-Dichloroethene
 Concen: 2.881 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.00 min
 Lab File: VV018350.D
 Acq: 19 Sep 2020 02:02

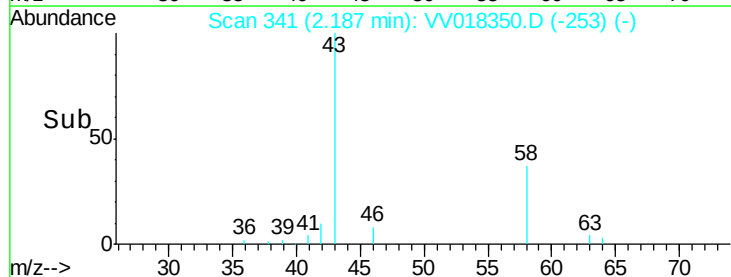
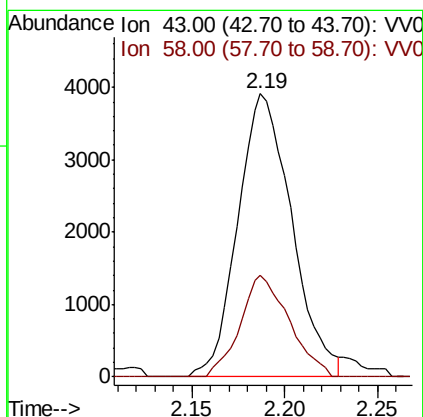
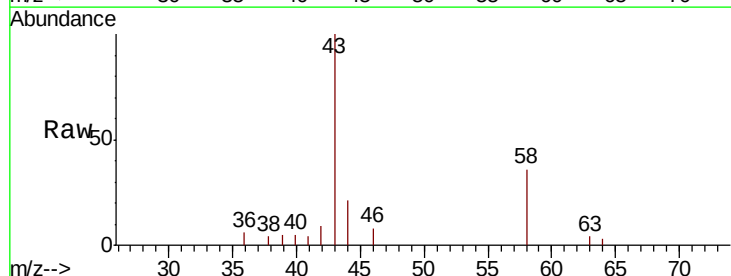
Instrument :
 MSVOA_V
 ClientSampleId :

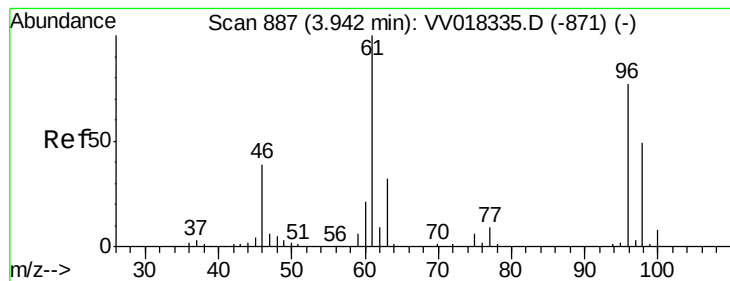
Tot Ion: 96 Resp: 5164
 Ion Ratio Lower Upper
 96 100
 61 327.4 122.9 228.3#
 63 1595.2 91.9 170.7#



#13
 Acetone
 Concen: 7.257 ug/L
 RT: 2.19 min Scan# 341
 Delta R.T. -0.02 min
 Lab File: VV018350.D
 Acq: 19 Sep 2020 02:02

Tgt Ion: 43 Resp: 7912
 Ion Ratio Lower Upper
 43 100
 58 32.5 0.0 67.4





#20

cis-1,2-Dichloroethene

Concen: 2.770 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.00 min

Lab File: VV018350.D

Acq: 19 Sep 2020 02:02

Instrument :
MSVOA_V
ClientSampleId :

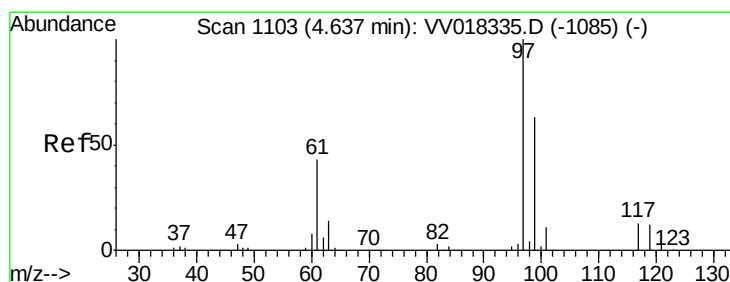
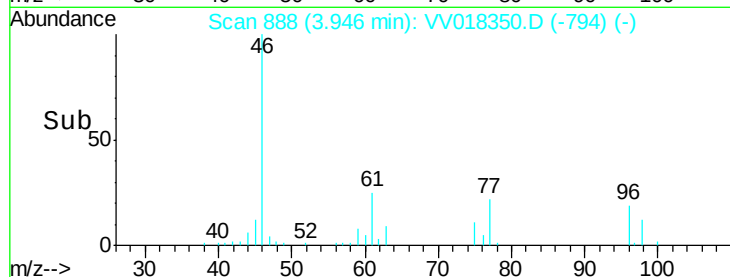
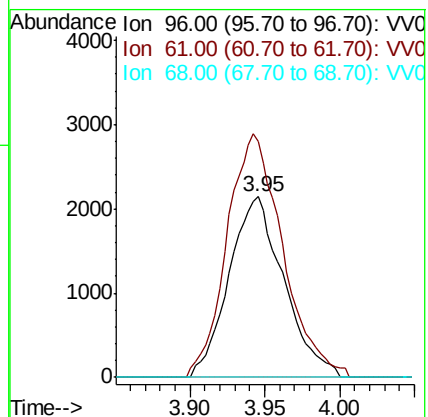
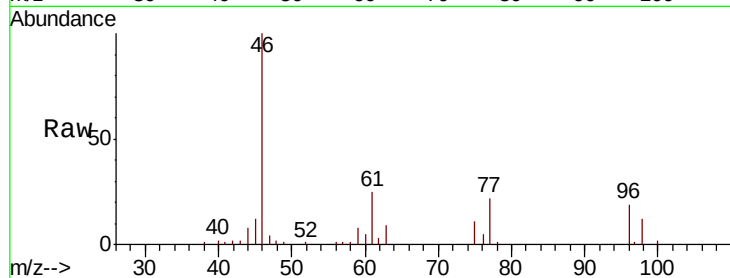
Tot Ion: 96 Resp: 5469

Ion Ratio Lower Upper

96 100

61 130.8 93.6 173.8

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 1.303 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV018350.D

Acq: 19 Sep 2020 02:02

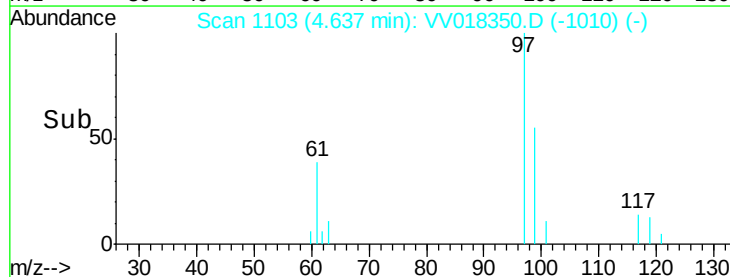
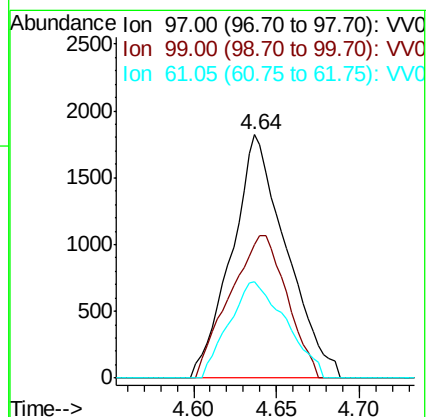
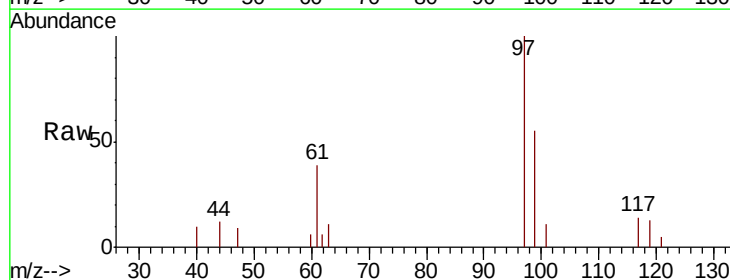
Tgt Ion: 97 Resp: 4165

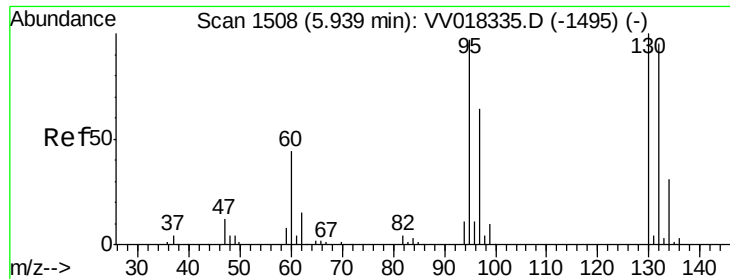
Ion Ratio Lower Upper

97 100

99 61.2 51.6 77.4

61 41.4 34.9 52.3





#34

Trichloroethene

Concen: 33.823 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018350.D

Acq: 19 Sep 2020 02:02

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 72538

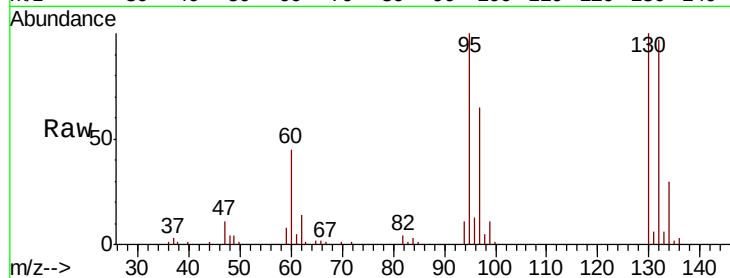
Ion Ratio Lower Upper

95 100

97 64.7 46.3 85.9

132 97.1 68.1 126.5

130 99.6 71.5 132.9



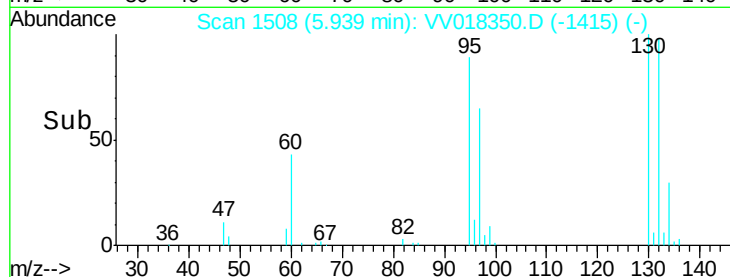
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



Abundance

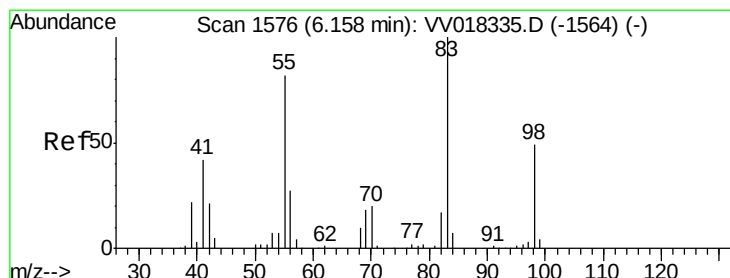
Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

Time-->



#35

Methylcyclohexane

Concen: 8.158 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018350.D

Acq: 19 Sep 2020 02:02

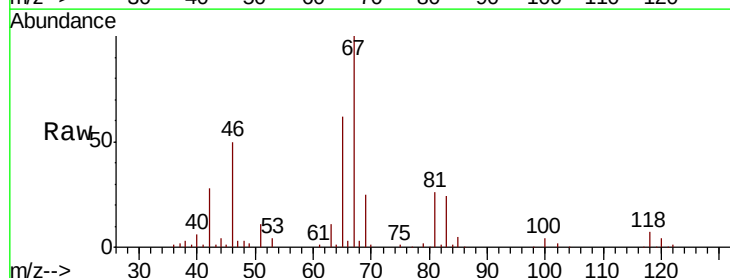
Tgt Ion: 83 Resp: 26343

Ion Ratio Lower Upper

83 100

55 0.2 63.4 95.2#

98 1.4 38.8 58.2#

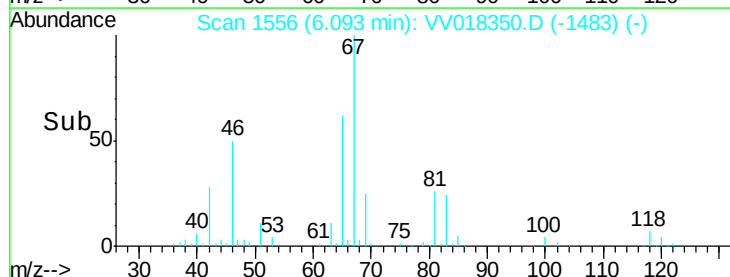


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

Time-->



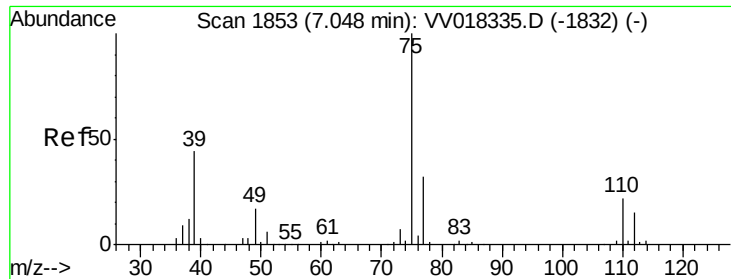
Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

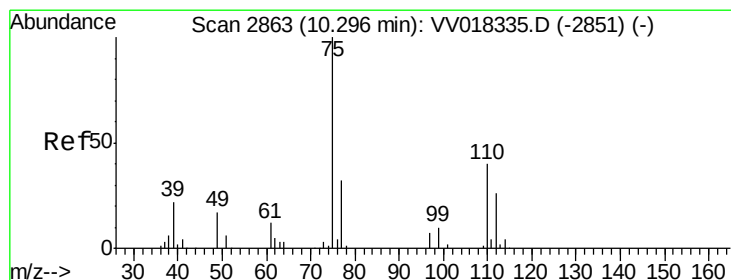
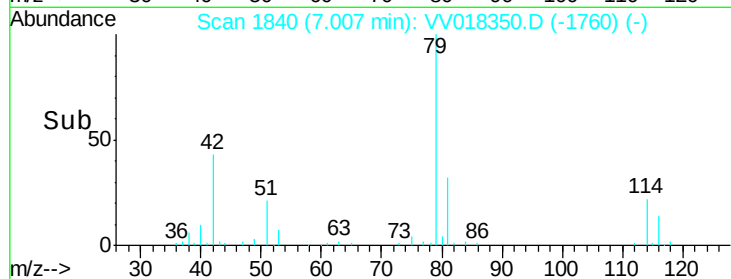
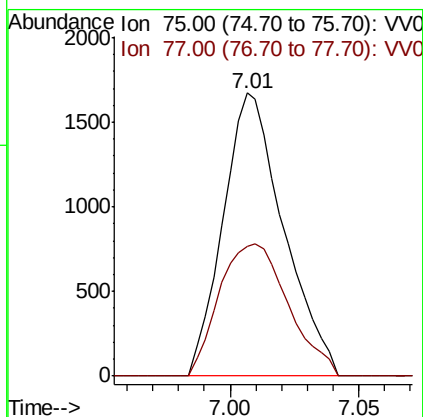
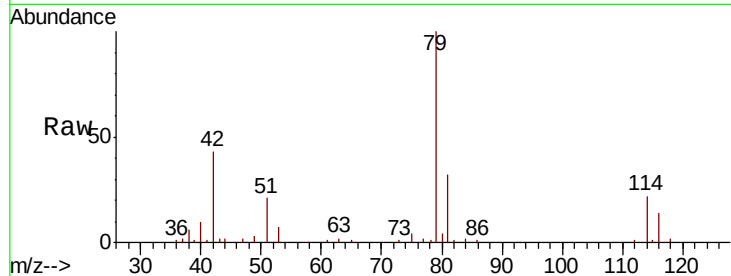
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018350.D
 Acq: 19 Sep 2020 02:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 2728
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.3 41.3#



#59
 1,2,3-Trichloropropane
 Concen: 5.923 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV018350.D
 Acq: 19 Sep 2020 02:02

Tgt Ion: 75 Resp: 14533
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.8 38.6

