

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091820\
 Data File : VV018342.D
 Acq On : 18 Sep 2020 23:01
 Operator : SY/MD
 Sample : L4080-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 05:19:10 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	283455	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279743	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96642	41.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.68%
7) Chloroethane-d5	1.58	69	79975	42.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.62%
11) 1,1-Dichloroethene-d2	2.12	63	139737	32.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.96%
21) 2-Butanone-d5	3.92	46	114169	80.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.75%
24) Chloroform-d	4.38	84	169874	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
26) 1,2-Dichloroethane-d4	5.06	65	113979	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.72%
32) Benzene-d6	5.08	84	343297	42.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.74%
36) 1,2-Dichloropropane-d6	6.09	67	111389	43.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.56%
41) Toluene-d8	7.34	98	303430	41.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.14%
43) trans-1,3-Dichloropropene-	7.64	79	50874	39.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.68%
47) 2-Hexanone-d5	8.11	63	75551	78.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	132983	41.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	127993	46.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.90%

Target Compounds

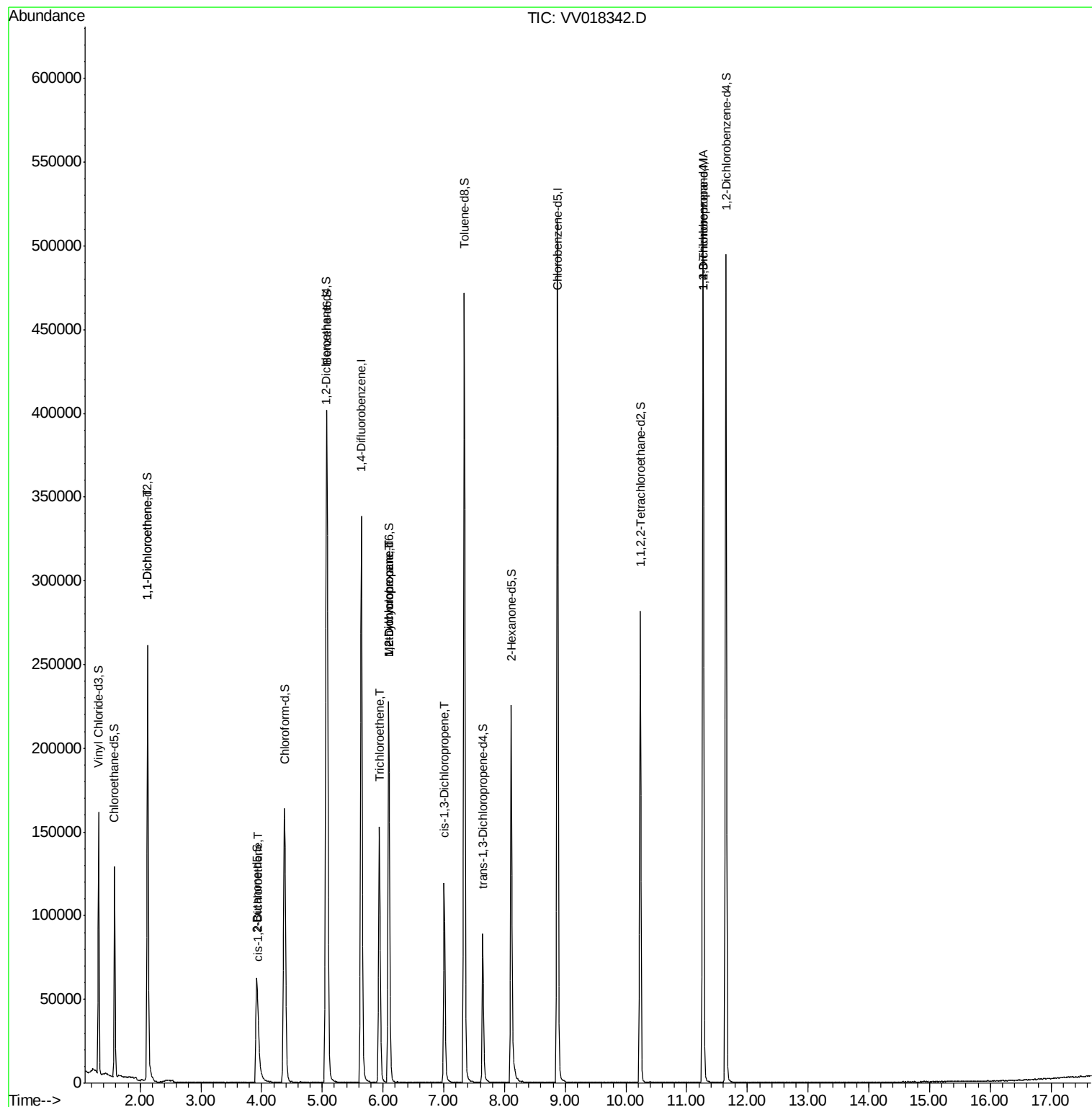
					Ovalue
12) 1,1-Dichloroethene	2.13	96	2580	1.386 ug/L #	1
20) cis-1,2-Dichloroethene	3.95	96	1610	0.785 ug/L	84
34) Trichloroethene	5.94	95	52374	24.038 ug/L	99
35) Methylcyclohexane	6.10	83	26518	8.083 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	12026	5.674 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3023	0.926 ug/L #	54
59) 1,2,3-Trichloropropane	11.27	75	15183	6.091 ug/L	90

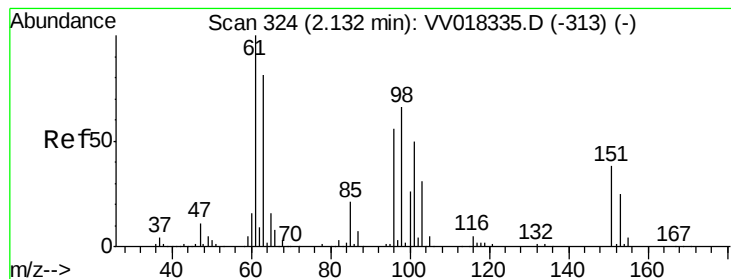
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.386 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018342.D

Acq: 18 Sep 2020 23:01

Instrument :

MSVOA_V

ClientSampleId :

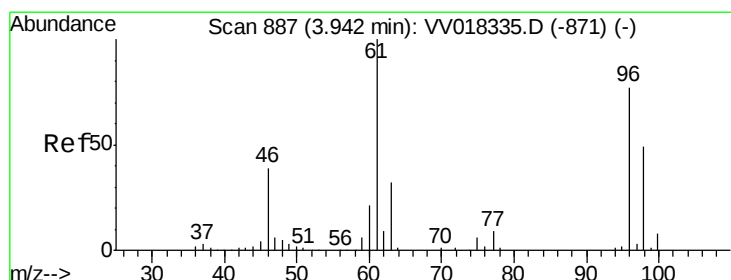
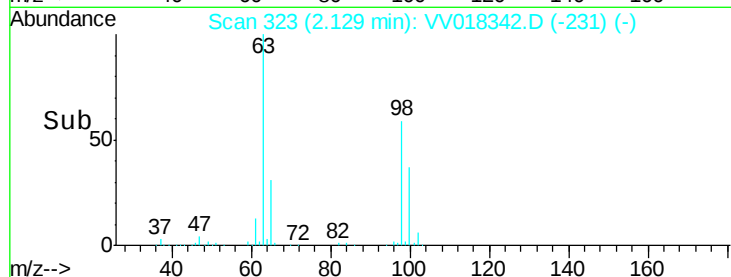
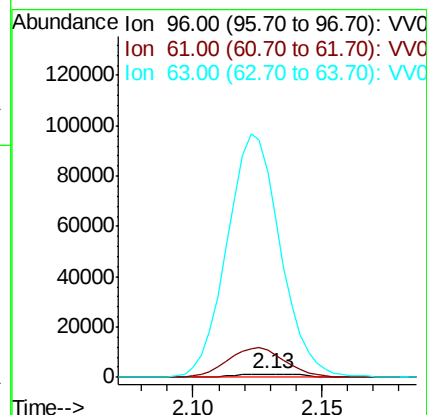
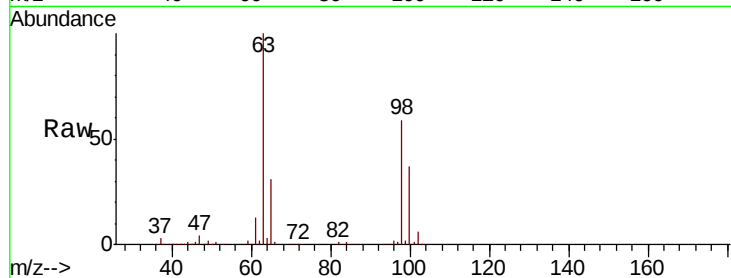
Tot Ion: 96 Resp: 2580

Ion Ratio Lower Upper

96 100

61 763.4 122.9 228.3#

63 5760.1 91.9 170.7#



#20

cis-1,2-Dichloroethene

Concen: 0.785 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV018342.D

Acq: 18 Sep 2020 23:01

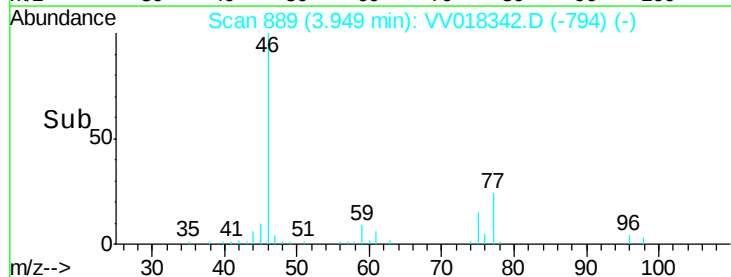
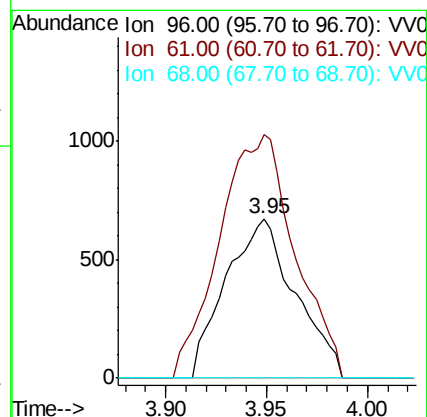
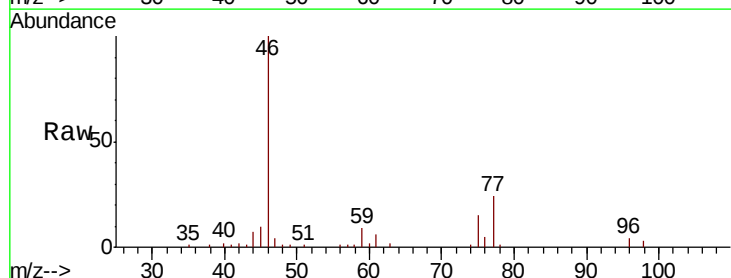
Tgt Ion: 96 Resp: 1610

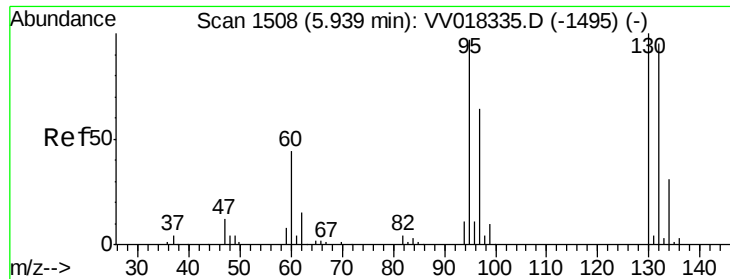
Ion Ratio Lower Upper

96 100

61 152.7 93.6 173.8

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 24.038 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV018342.D

Acq: 18 Sep 2020 23:01

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 52374

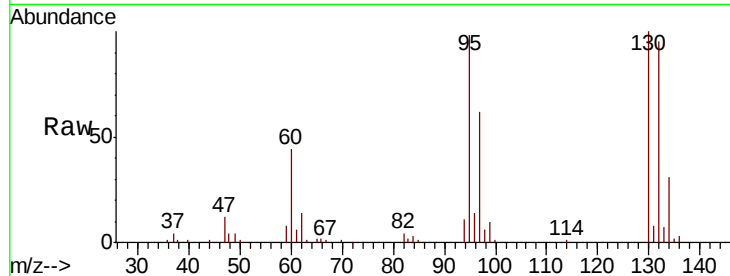
Ion Ratio Lower Upper

95 100

97 62.8 46.3 85.9

132 96.9 68.1 126.5

130 101.8 71.5 132.9



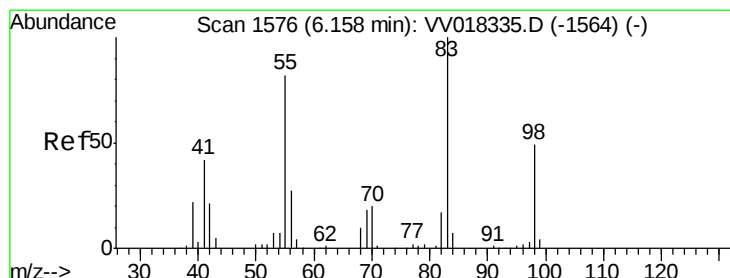
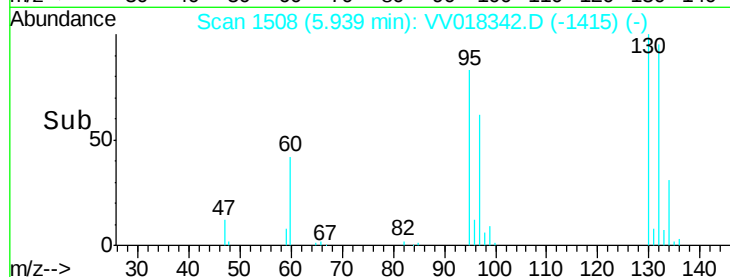
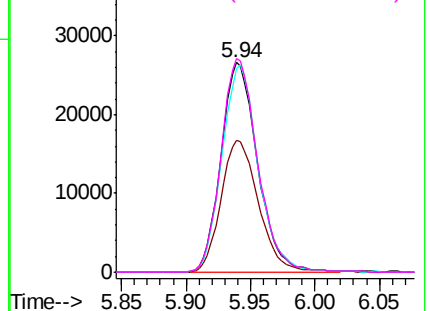
Abundance

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): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 8.083 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV018342.D

Acq: 18 Sep 2020 23:01

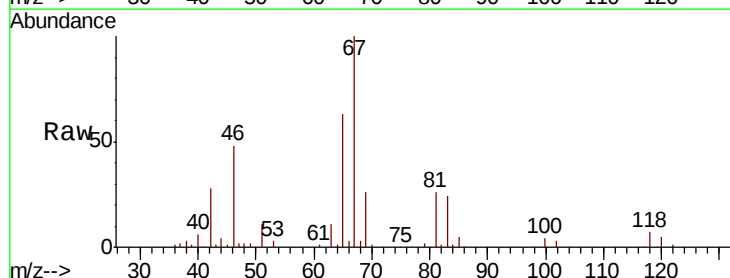
Tgt Ion: 83 Resp: 26518

Ion Ratio Lower Upper

83 100

55 0.0 63.4 95.2#

98 1.2 38.8 58.2#

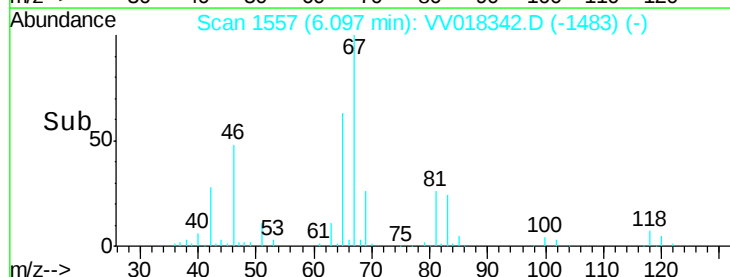
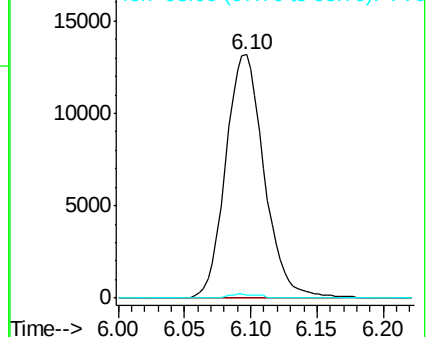


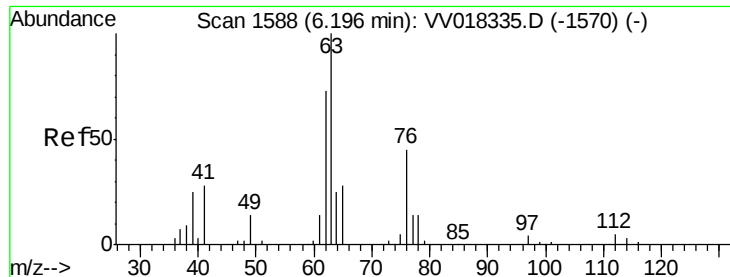
Abundance

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

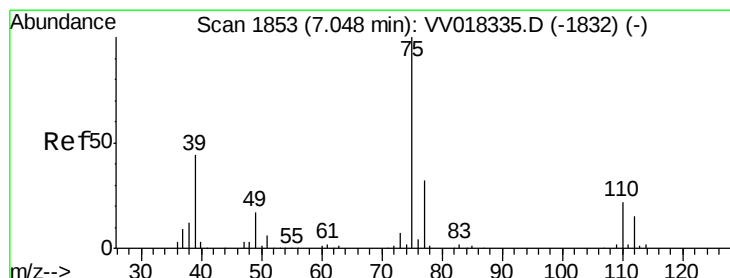
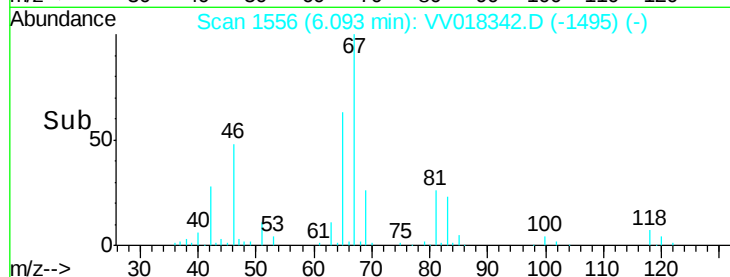
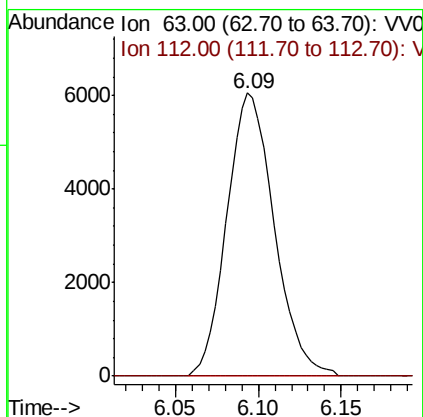
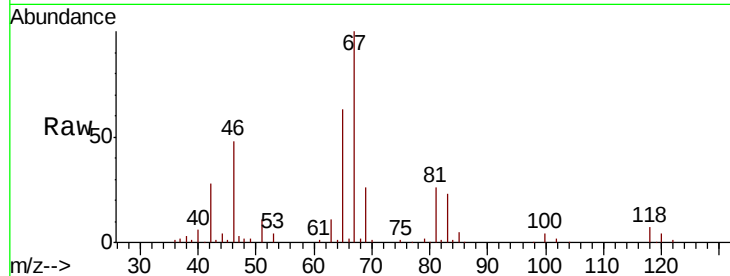




#37
 1,2-Dichloropropane
 Concen: 5.674 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018342.D
 Acq: 18 Sep 2020 23:01

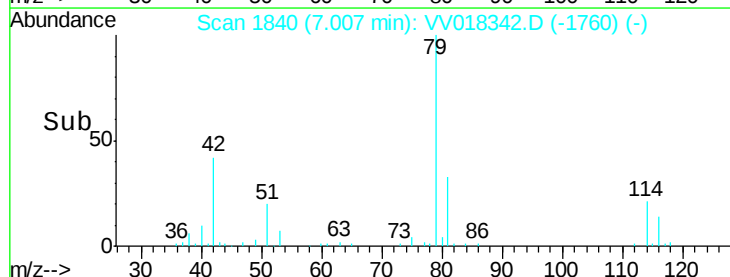
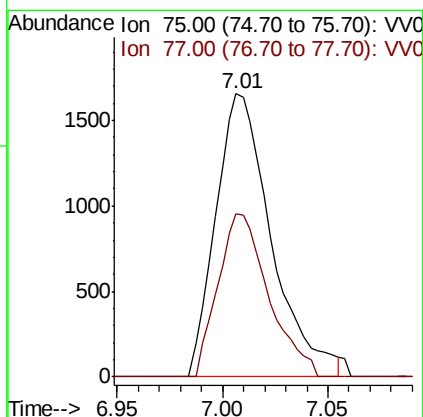
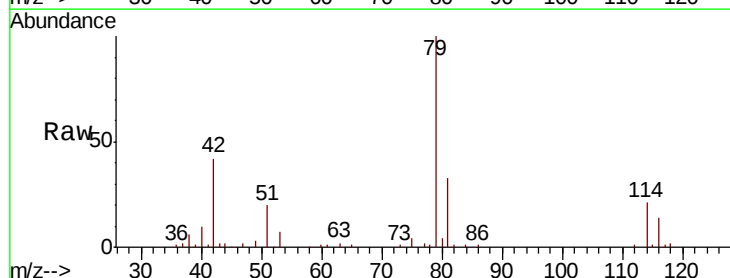
Instrument :
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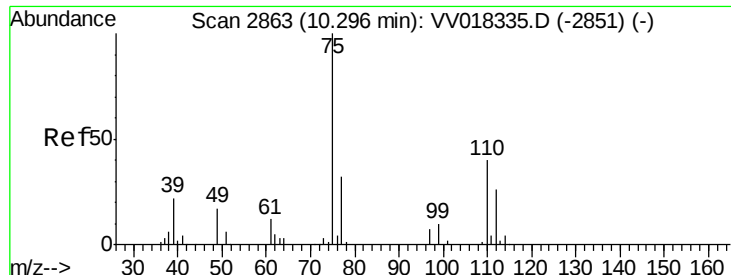
Tot Ion: 63 Resp: 12026
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.926 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018342.D
 Acq: 18 Sep 2020 23:01

Tgt Ion: 75 Resp: 3023
 Ion Ratio Lower Upper
 75 100
 77 57.4 22.3 41.3#





#59

1,2,3-Trichloropropane

Concen: 6.091 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

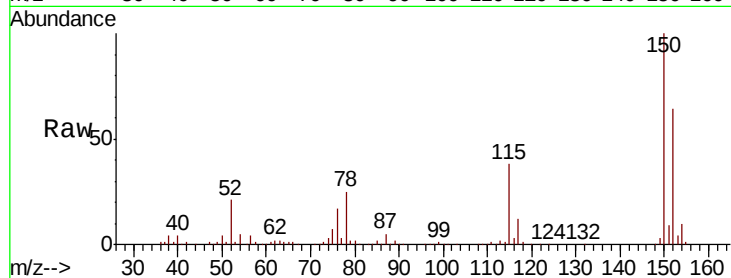
Lab File: VV018342.D

Acq: 18 Sep 2020 23:01

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion: 75 Resp: 15183

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6

