

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016461.D
 Acq On : 03 Jun 2020 16:59
 Operator : SY/MD
 Sample : L2843-04DL 20X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	370796	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	349300	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161220	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112482	42.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.66%
7) Chloroethane-d5	1.57	69	84385	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.02%
11) 1,1-Dichloroethene-d2	2.12	63	157111	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	3.89	46	175567	104.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.55%
24) Chloroform-d	4.37	84	229340	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
26) 1,2-Dichloroethane-d4	5.06	65	160652	48.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.36%
32) Benzene-d6	5.07	84	457683	48.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.82%
36) 1,2-Dichloropropane-d6	6.09	67	144349	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.34	98	409013	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.64	79	64895	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
47) 2-Hexanone-d5	8.11	63	135086	108.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.19%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	192017	48.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.12%
64) 1,2-Dichlorobenzene-d4	11.65	152	161402	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%

Target Compounds

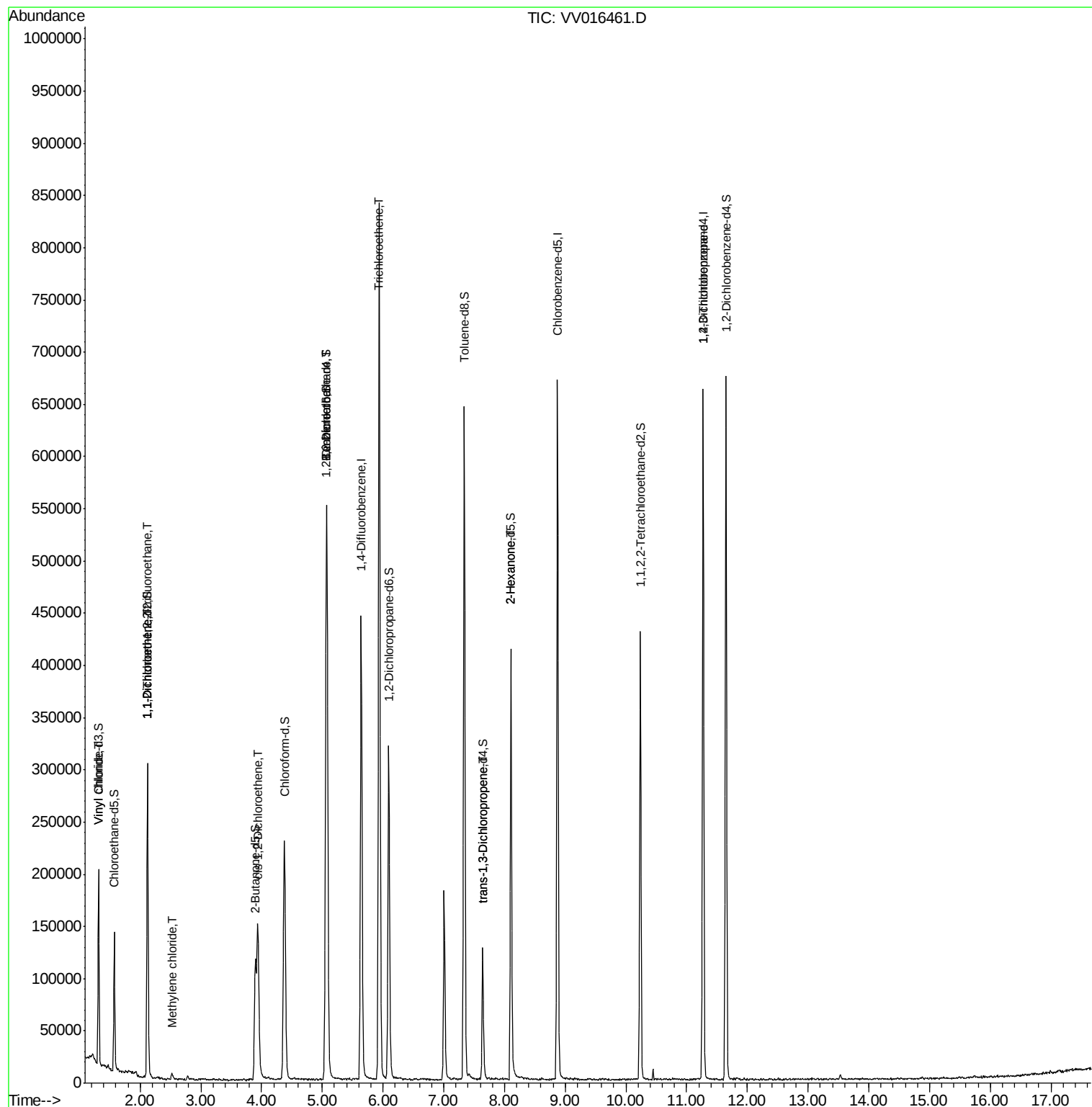
					Ovalue
5) Vinyl chloride	1.32	62	3739	1.313 ug/L #	19
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1460	0.682 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1569	0.762 ug/L #	1
16) Methylene chloride	2.53	84	2199	0.758 ug/L	85
20) cis-1,2-Dichloroethene	3.94	96	73827	26.337 ug/L	96
27) 1,2-Dichloroethane	5.07	62	3424	0.837 ug/L	100
34) Trichloroethene	5.94	95	283206	105.065 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3500	0.914 ug/L	96
48) 2-Hexanone	8.11	43	15796	5.515 ug/L #	67
59) 1,2,3-Trichloropropane	11.27	75	20185	6.041 ug/L	91

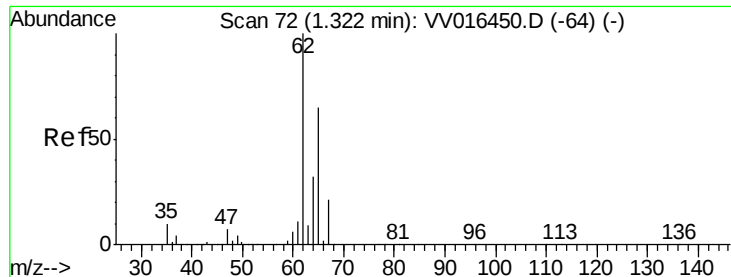
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA V/WATER
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Quant Time: Jun 04 01:20:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.313 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016461.D

Acq: 03 Jun 2020 16:59

Instrument :

MSVOA_V

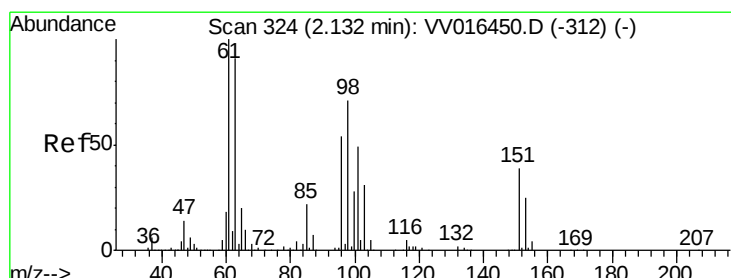
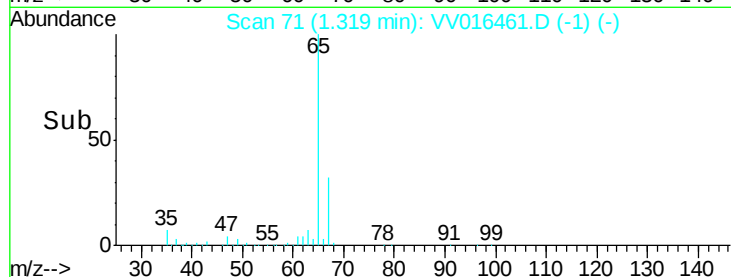
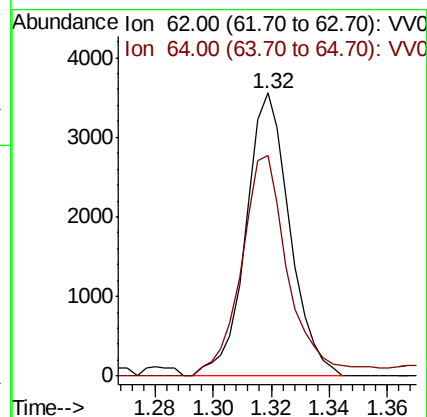
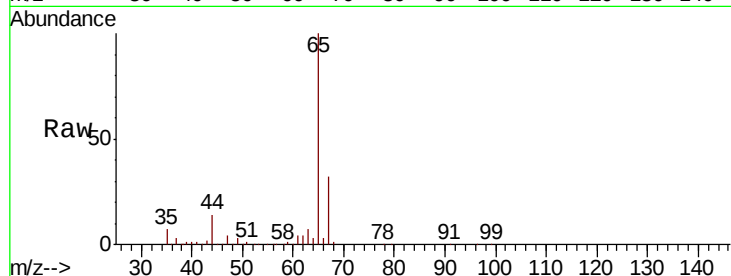
ClientSampleId :

Tot Ion: 62 Resp: 3739

Ion Ratio Lower Upper

62 100

64 78.1 22.7 42.1#



#10

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

Concen: 0.682 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016461.D

Acq: 03 Jun 2020 16:59

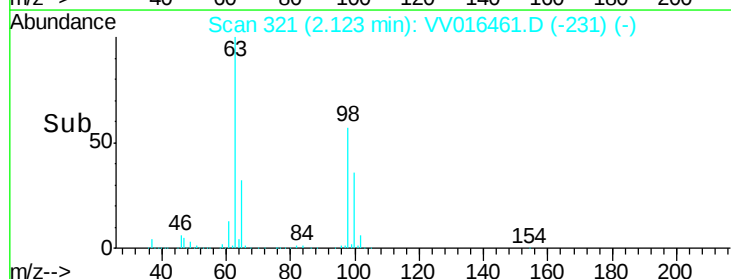
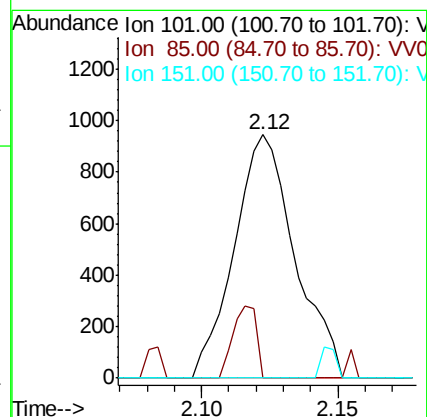
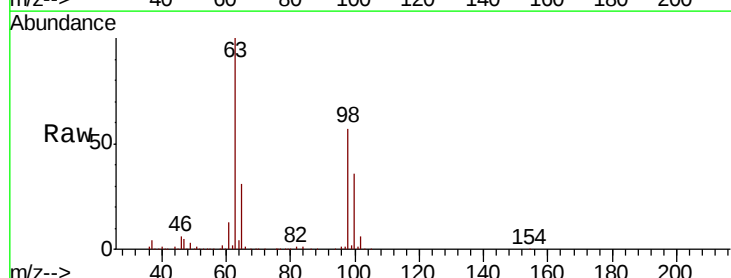
Tgt Ion: 101 Resp: 1460

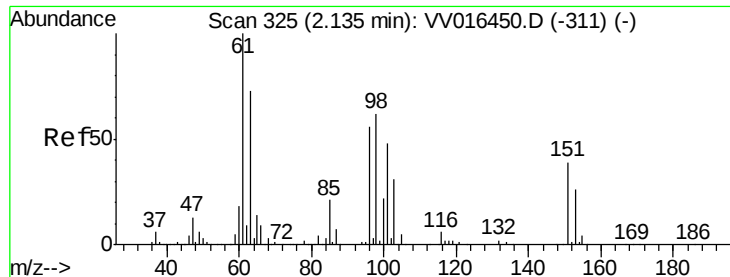
Ion Ratio Lower Upper

101 100

85 11.6 35.6 53.4#

151 3.1 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 0.762 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV016461.D

Acq: 03 Jun 2020 16:59

Instrument :
MSVOA_V
ClientSampleId :

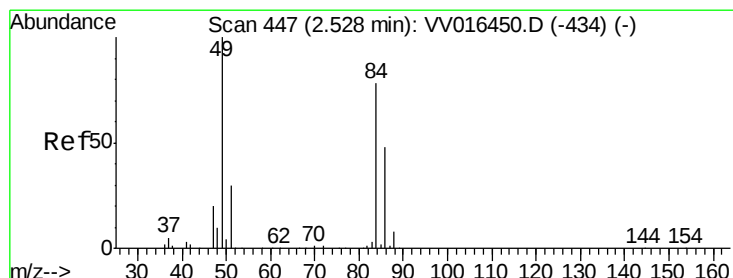
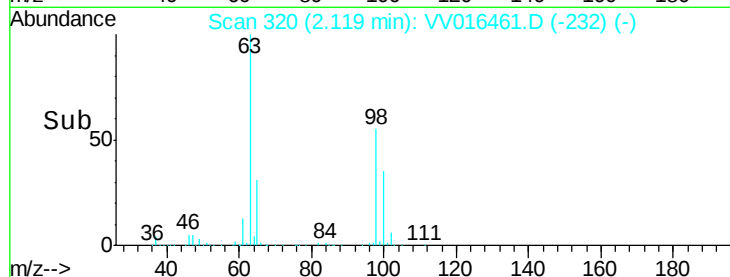
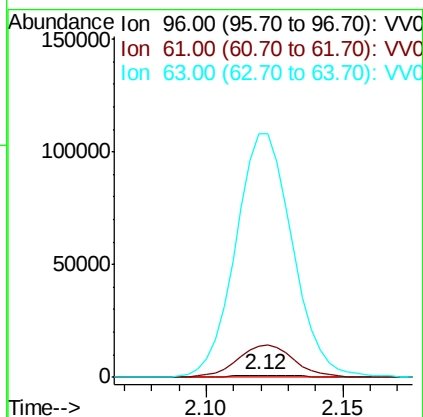
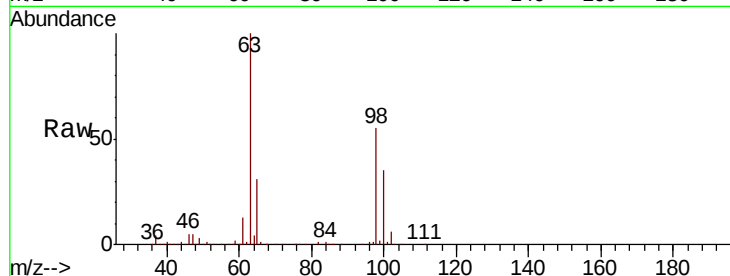
Tot Ion: 96 Resp: 1569

Ion Ratio Lower Upper

96 100

61 1438.8 125.5 233.1#

63 11247.5 104.0 193.1#



#16

Methylene chloride

Concen: 0.758 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV016461.D

Acq: 03 Jun 2020 16:59

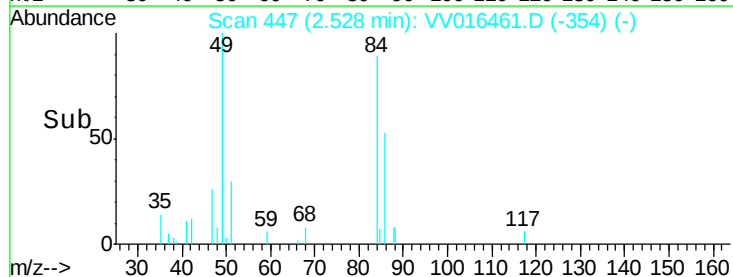
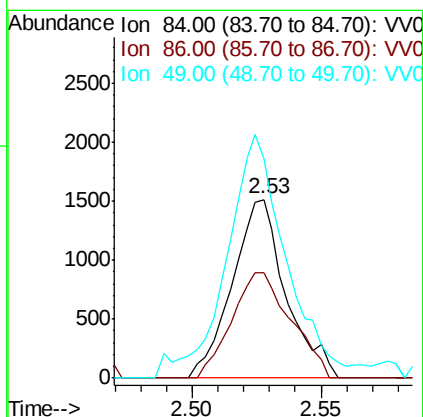
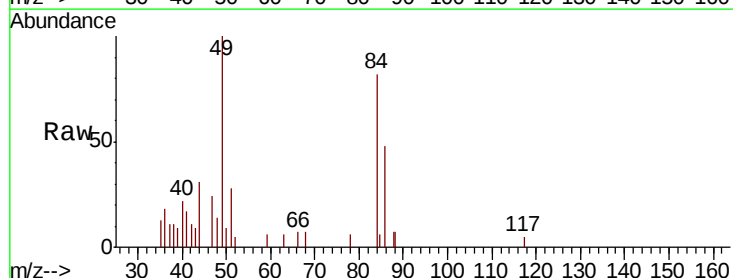
Tgt Ion: 84 Resp: 2199

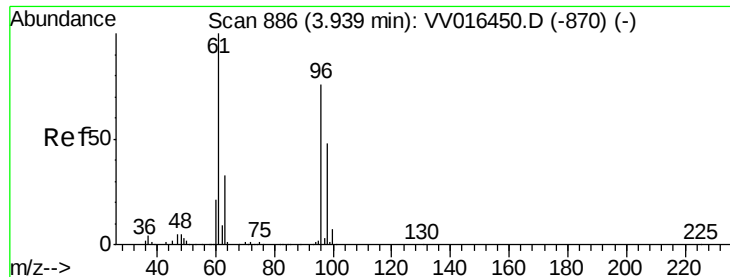
Ion Ratio Lower Upper

84 100

86 54.9 45.1 83.9

49 113.6 92.4 171.6

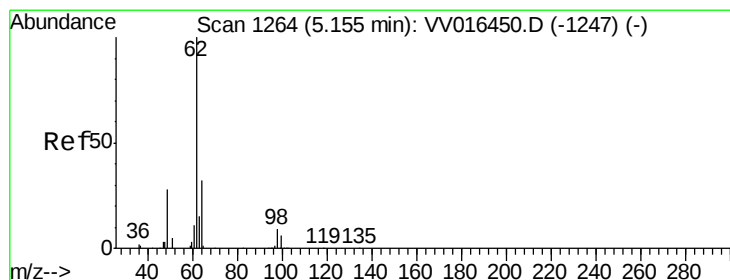
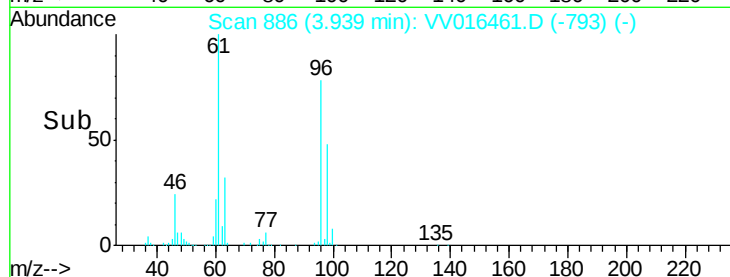
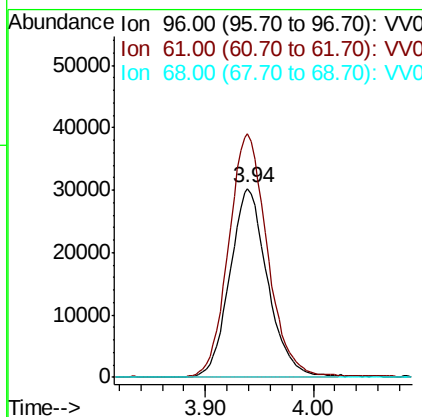
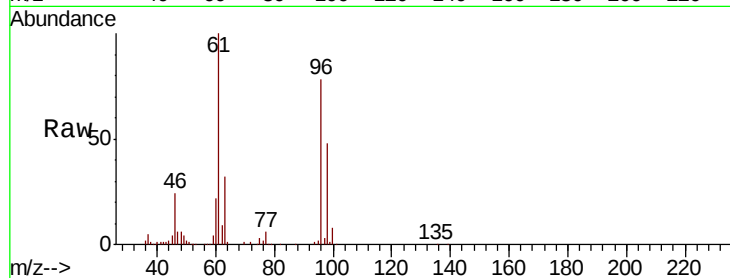




#20
 cis-1,2-Dichloroethene
 Concen: 26.337 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV016461.D
 Acq: 03 Jun 2020 16:59

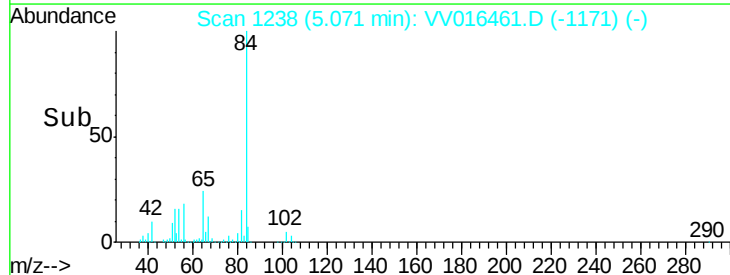
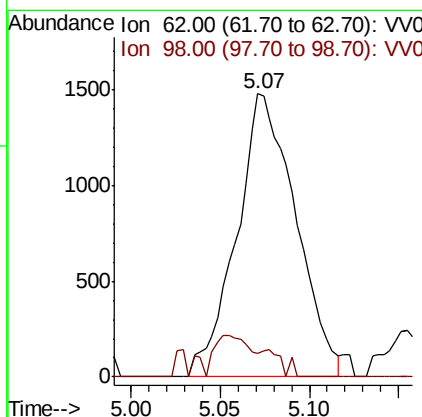
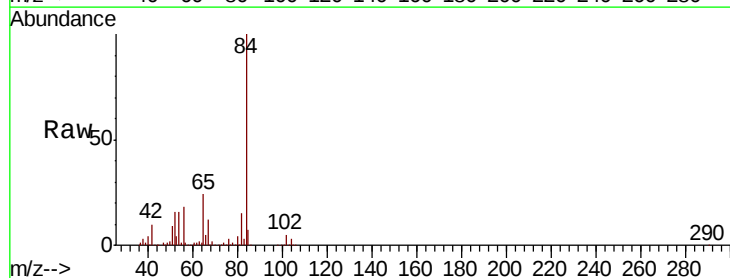
Instrument :
 MSVOA_V
 ClientSampleId :

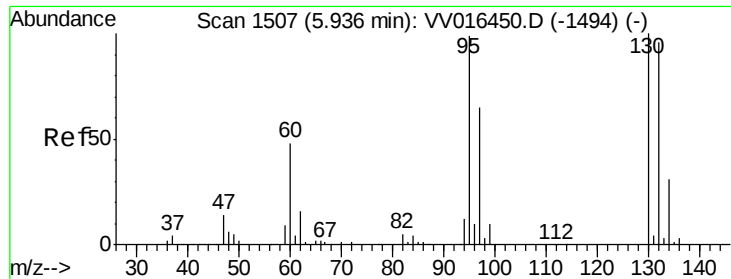
Tot Ion: 96 Resp: 73827
 Ion Ratio Lower Upper
 96 100
 61 129.0 93.4 173.4
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.837 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016461.D
 Acq: 03 Jun 2020 16:59

Tgt Ion: 62 Resp: 3424
 Ion Ratio Lower Upper
 62 100
 98 8.5 6.9 10.3





#34

Trichloroethene

Concen: 105.065 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016461.D

Acq: 03 Jun 2020 16:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 283206

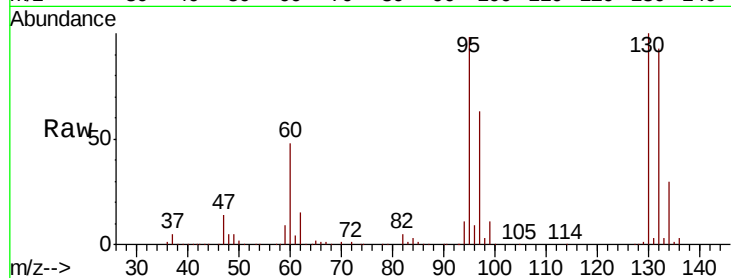
Ion Ratio Lower Upper

95 100

97 64.3 42.8 79.6

132 95.7 65.6 121.8

130 102.3 69.0 128.1

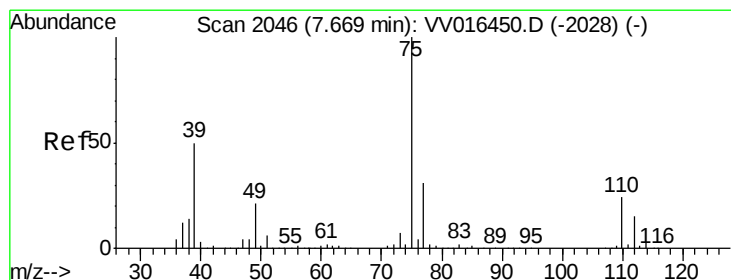
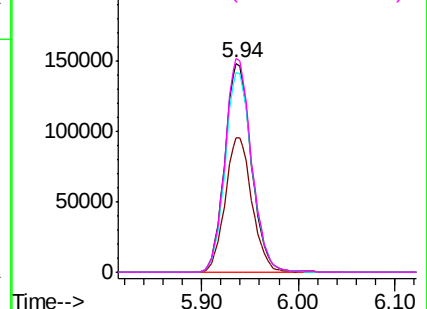
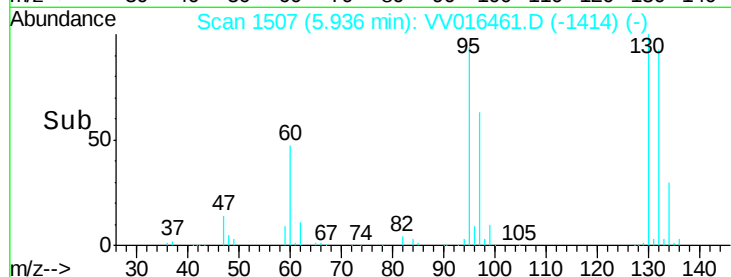


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#44

trans-1,3-Dichloropropene

Concen: 0.914 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016461.D

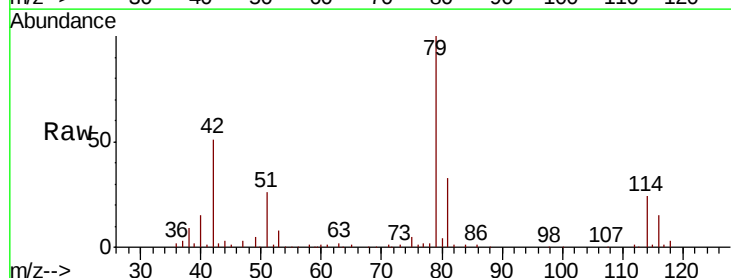
Acq: 03 Jun 2020 16:59

Tgt Ion: 75 Resp: 3500

Ion Ratio Lower Upper

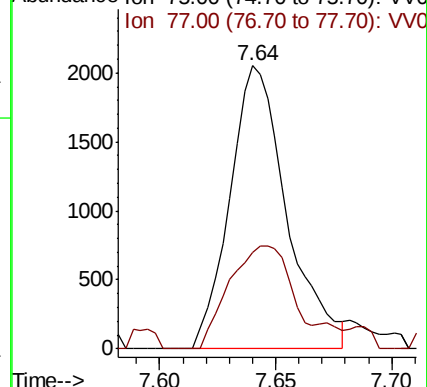
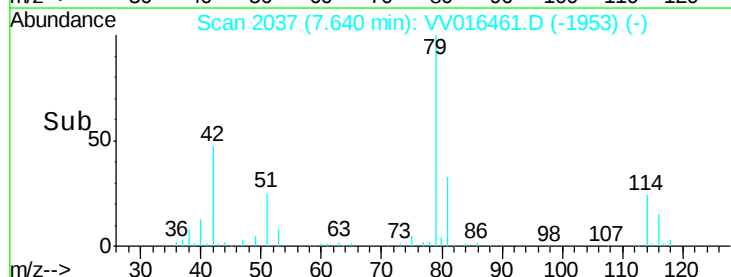
75 100

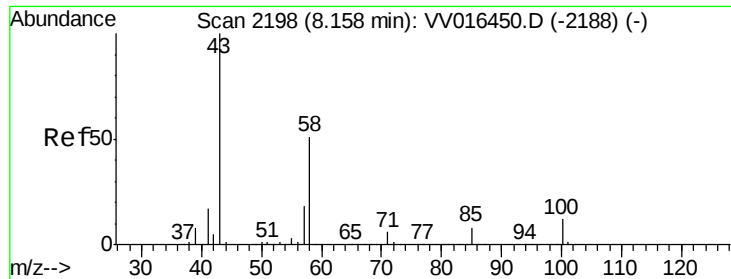
77 34.1 22.2 41.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

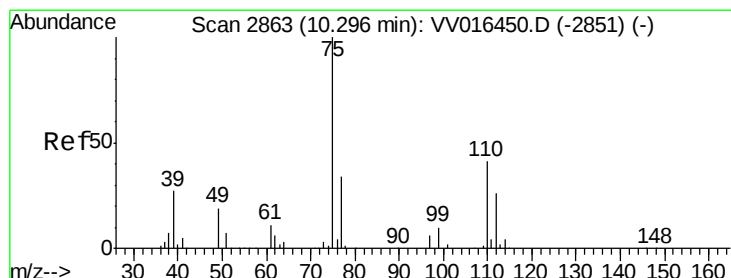
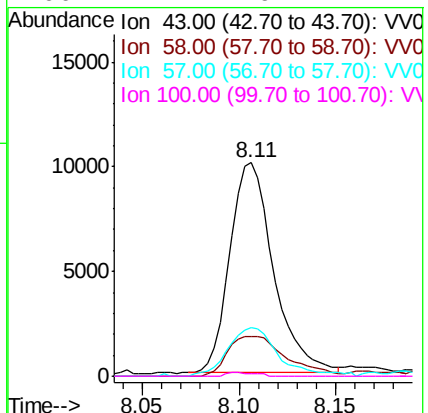
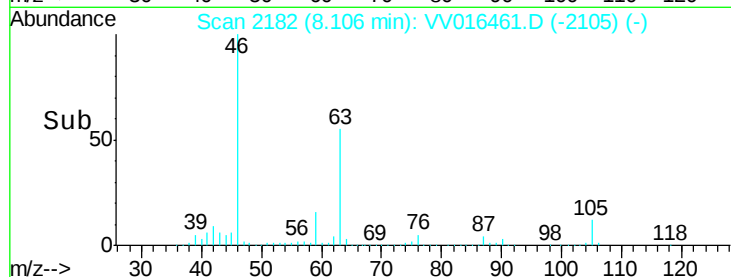
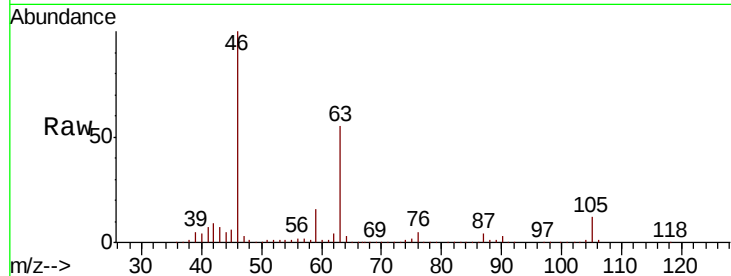




#48
2-Hexanone
Concen: 5.515 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV016461.D
Acq: 03 Jun 2020 16:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15796
Ion Ratio Lower Upper
43 100
58 25.4 42.7 64.1#
57 25.6 14.5 21.7#
100 1.1 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 6.041 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016461.D
Acq: 03 Jun 2020 16:59

Tgt Ion: 75 Resp: 20185
Ion Ratio Lower Upper
75 100
77 38.6 26.6 40.0

