

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016455.D
 Acq On : 03 Jun 2020 14:32
 Operator : SY/MD
 Sample : L2843-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB6

Quant Time: Jun 04 02:16:20 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	368098	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	352372	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123805	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.98%
7) Chloroethane-d5	1.58	69	89394	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.98%
11) 1,1-Dichloroethene-d2	2.12	63	171789	37.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.34%
21) 2-Butanone-d5	3.90	46	188940	113.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.34%
24) Chloroform-d	4.38	84	232857	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.06	65	163810	50.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.00%
32) Benzene-d6	5.07	84	469193	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
36) 1,2-Dichloropropane-d6	6.09	67	148438	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.34	98	418012	48.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.52%
43) trans-1,3-Dichloropropene-	7.64	79	64204	44.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.58%
47) 2-Hexanone-d5	8.11	63	143357	113.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199866	50.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	168786	53.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.82%

Target Compounds

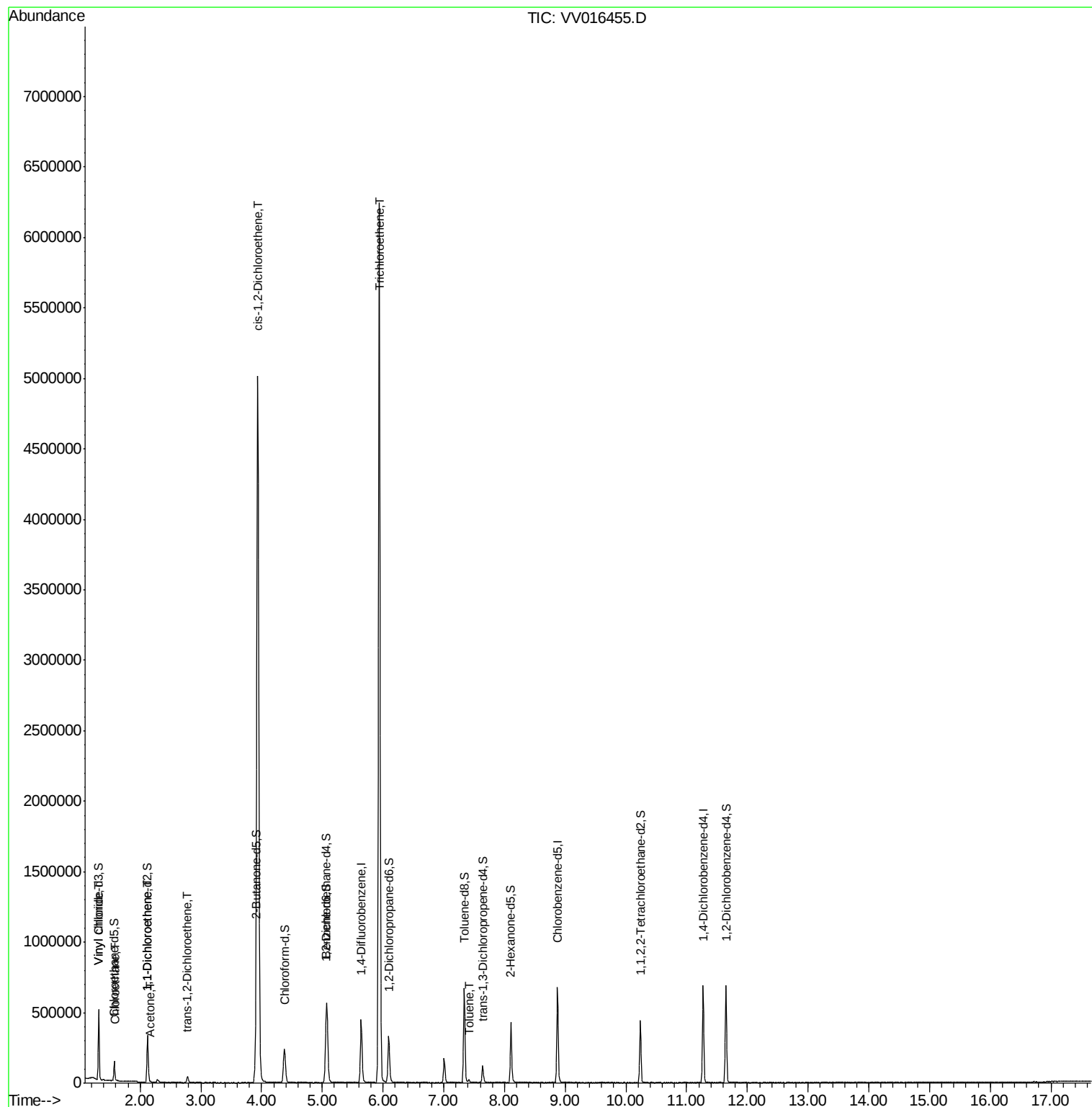
					Ovalue
5) Vinyl chloride	1.32	62	195277	69.067 ug/L	99
8) Chloroethane	1.59	64	1537	0.970 ug/L	89
12) 1,1-Dichloroethene	2.13	96	9125	4.465 ug/L #	1
13) Acetone	2.17	43	3407	2.187 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	16087	6.239 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	2740470	984.801 ug/L	100
34) Trichloroethene	5.94	95	2112238	776.774 ug/L	97
42) Toluene	7.41	91	12880	1.173 ug/L	97

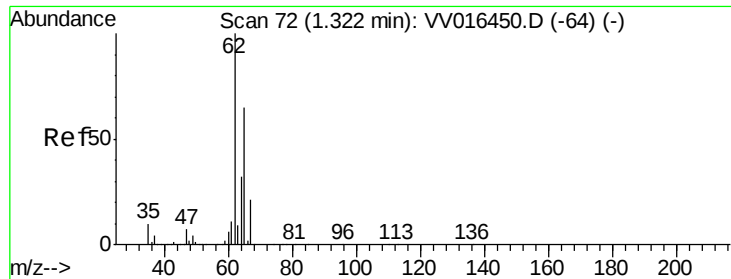
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 69.067 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

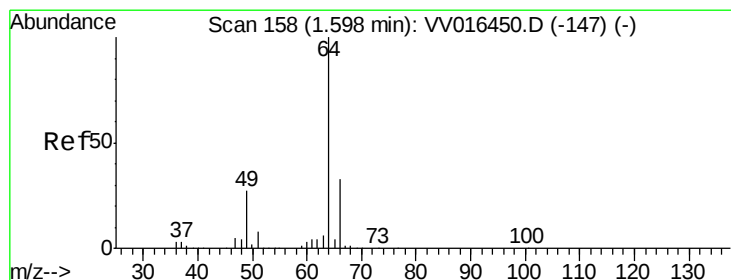
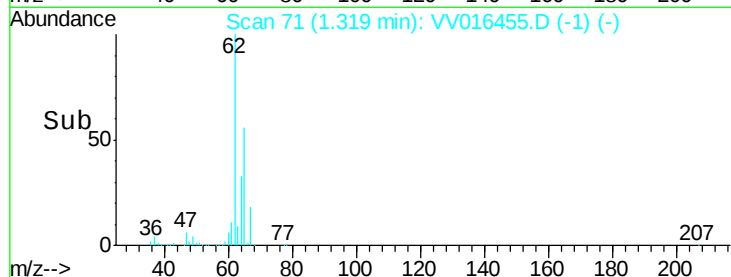
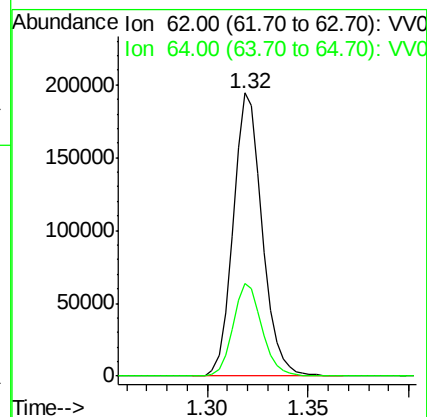
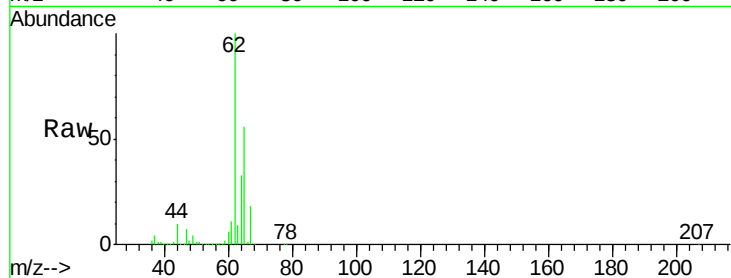
C0AB6

Tot Ion: 62 Resp: 195277

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#8

Chloroethane

Concen: 0.970 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV016455.D

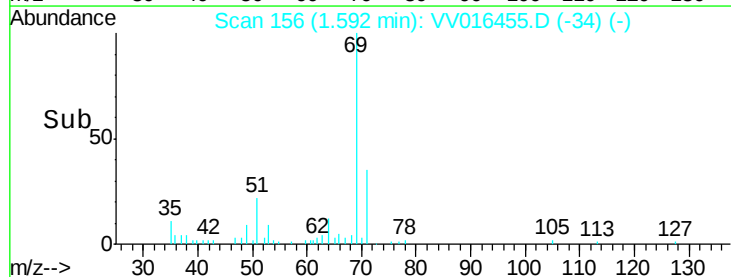
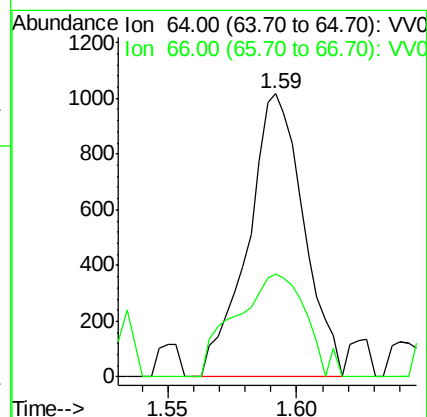
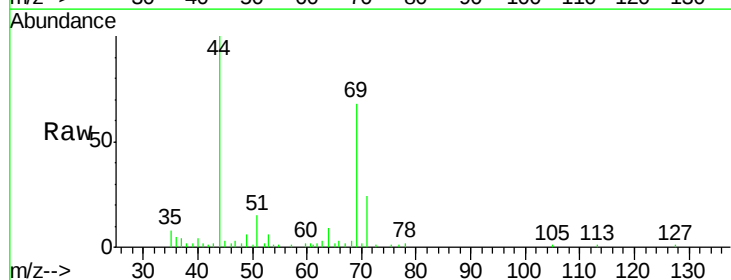
Acq: 03 Jun 2020 14:32

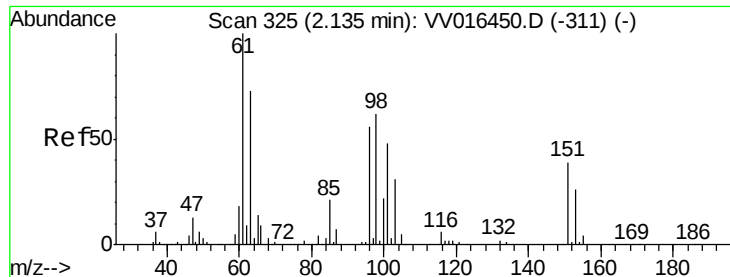
Tgt Ion: 64 Resp: 1537

Ion Ratio Lower Upper

64 100

66 36.4 21.4 39.8





#12

1,1-Dichloroethene

Concen: 4.465 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

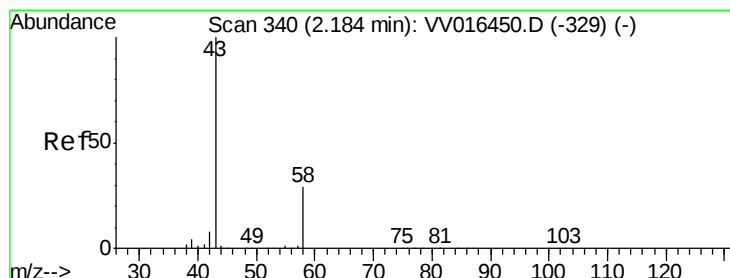
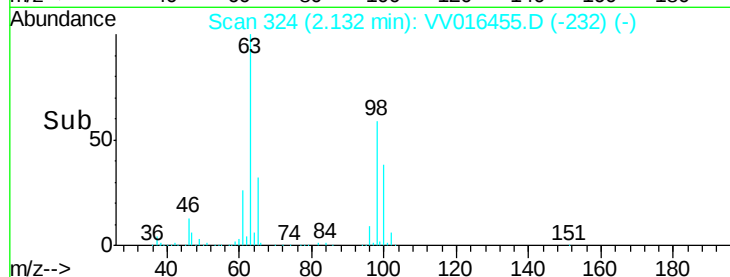
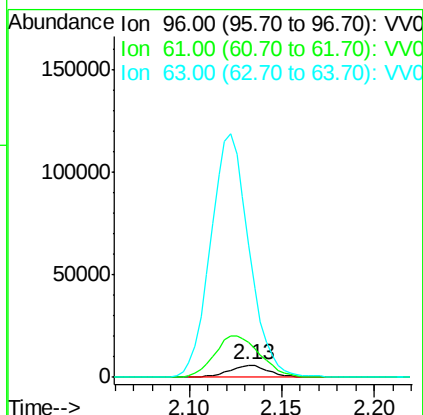
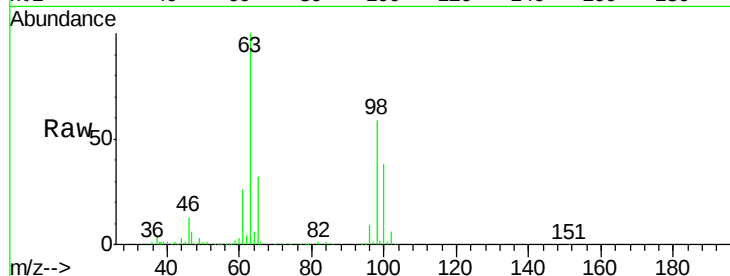
Tot Ion: 96 Resp: 9125

Ion Ratio Lower Upper

96 100

61 291.1 125.5 233.1#

63 1105.6 104.0 193.1#



#13

Acetone

Concen: 2.187 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.01 min

Lab File: VV016455.D

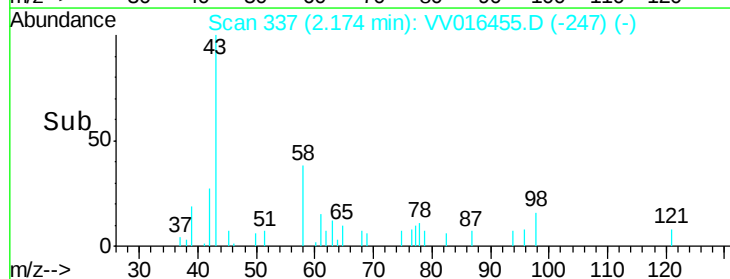
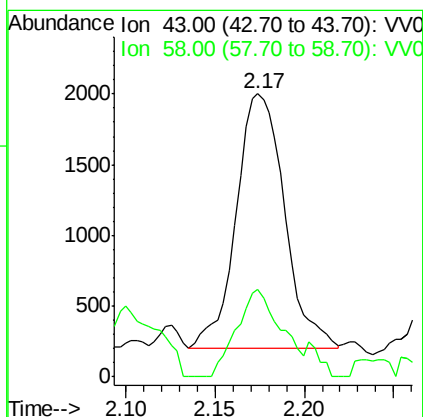
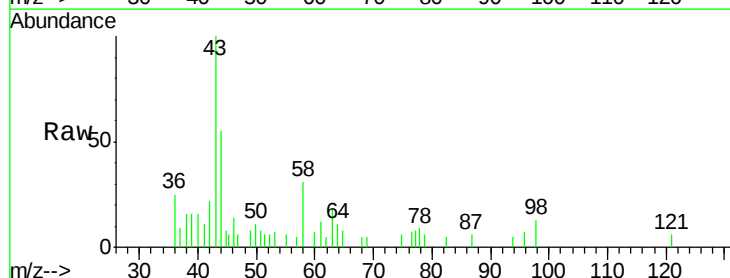
Acq: 03 Jun 2020 14:32

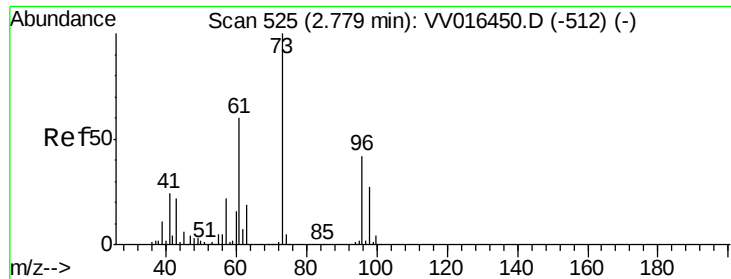
Tgt Ion: 43 Resp: 3407

Ion Ratio Lower Upper

43 100

58 31.8 0.0 57.2





#17

trans-1,2-Dichloroethene

Concen: 6.239 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

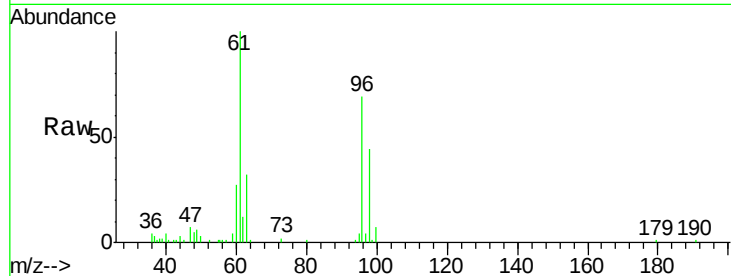
Tot Ion: 96 Resp: 16087

Ion Ratio Lower Upper

96 100

61 144.6 101.0 187.6

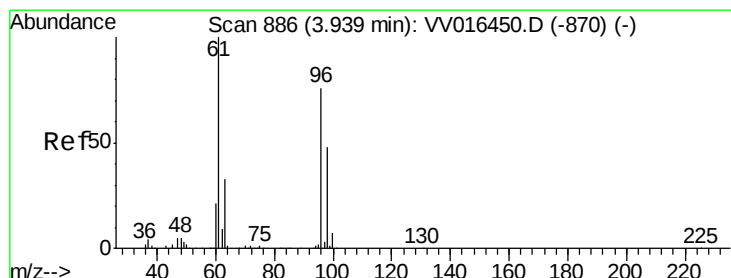
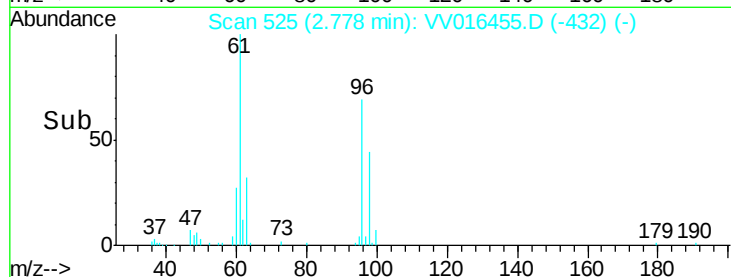
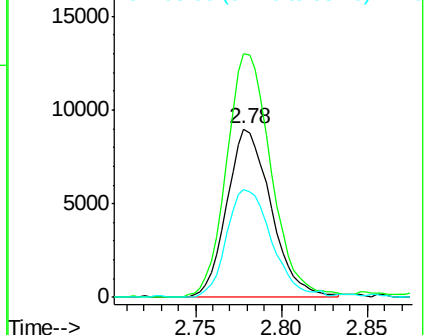
98 63.8 44.7 83.1



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 984.801 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

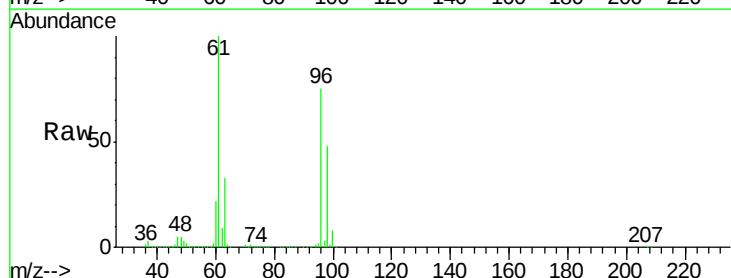
Tgt Ion: 96 Resp: 2740470

Ion Ratio Lower Upper

96 100

61 133.5 93.4 173.4

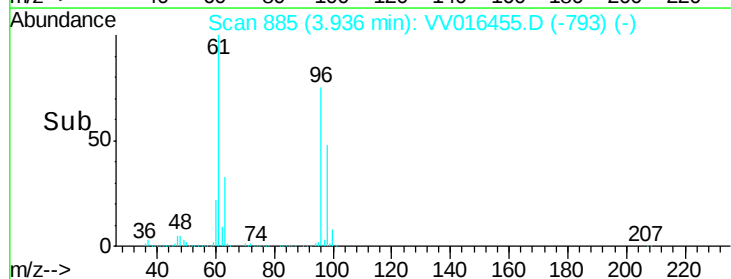
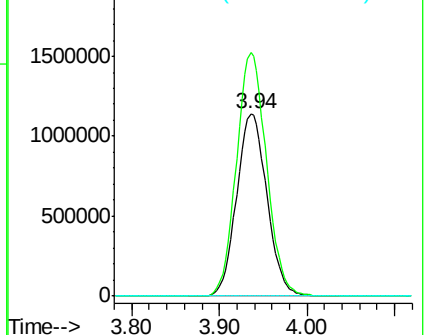
68 0.0 0.0 0.0

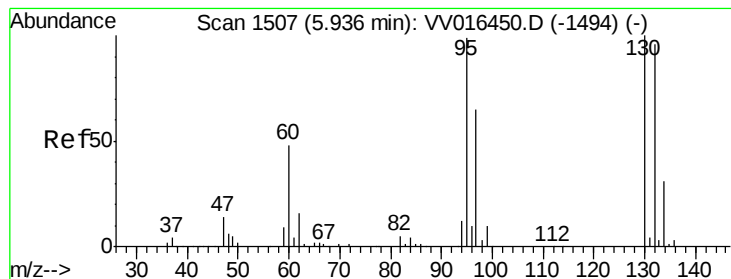


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 776.774 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016455.D

Acq: 03 Jun 2020 14:32

Instrument :

MSVOA_V

ClientSampleId :

C0AB6

Tot Ion: 95 Resp: 2112238

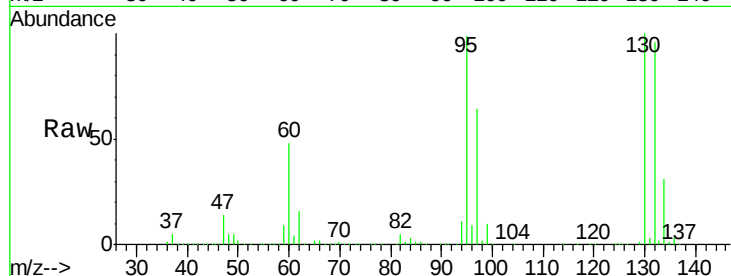
Ion Ratio Lower Upper

95 100

97 64.5 42.8 79.6

132 96.9 65.6 121.8

130 100.9 69.0 128.1

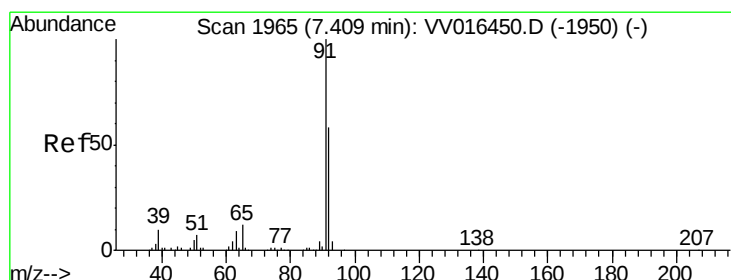
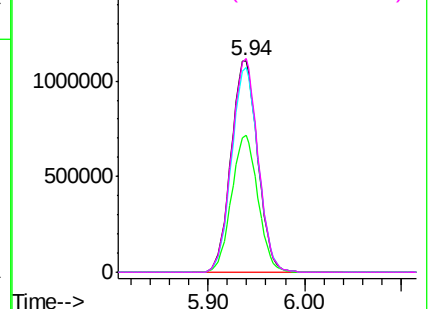
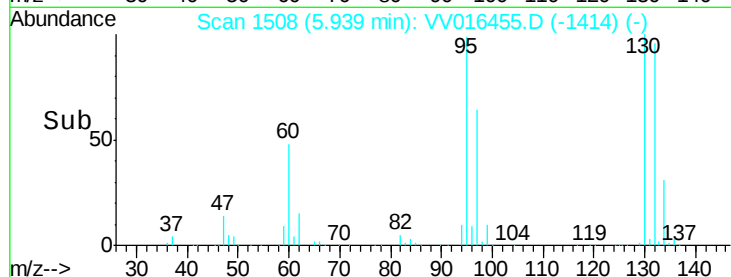


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 1.173 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016455.D

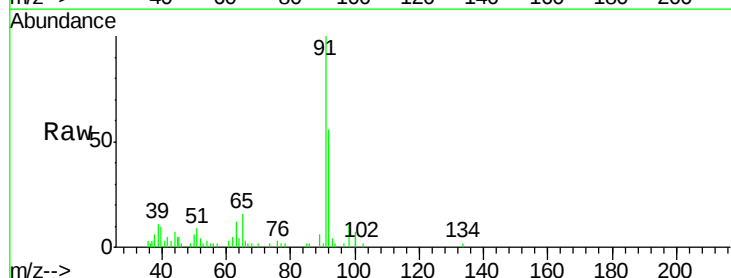
Acq: 03 Jun 2020 14:32

Tgt Ion: 91 Resp: 12880

Ion Ratio Lower Upper

91 100

92 56.0 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

