

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016453.D
 Acq On : 03 Jun 2020 13:45
 Operator : SY/MD
 Sample : L2843-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:18:52 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	357771	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341239	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160271	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	121273	47.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.72%
7) Chloroethane-d5	1.58	69	91318	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.84%
11) 1,1-Dichloroethene-d2	2.12	63	167341	37.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.50%
21) 2-Butanone-d5	3.90	46	187221	115.55	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.55%
24) Chloroform-d	4.38	84	232894	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
26) 1,2-Dichloroethane-d4	5.06	65	163833	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
32) Benzene-d6	5.08	84	477201	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.09	67	149577	52.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.04%
41) Toluene-d8	7.34	98	424940	51.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.38%
43) trans-1,3-Dichloropropene-	7.64	79	65714	47.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.68%
47) 2-Hexanone-d5	8.11	63	140269	114.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	200698	51.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	171070	56.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

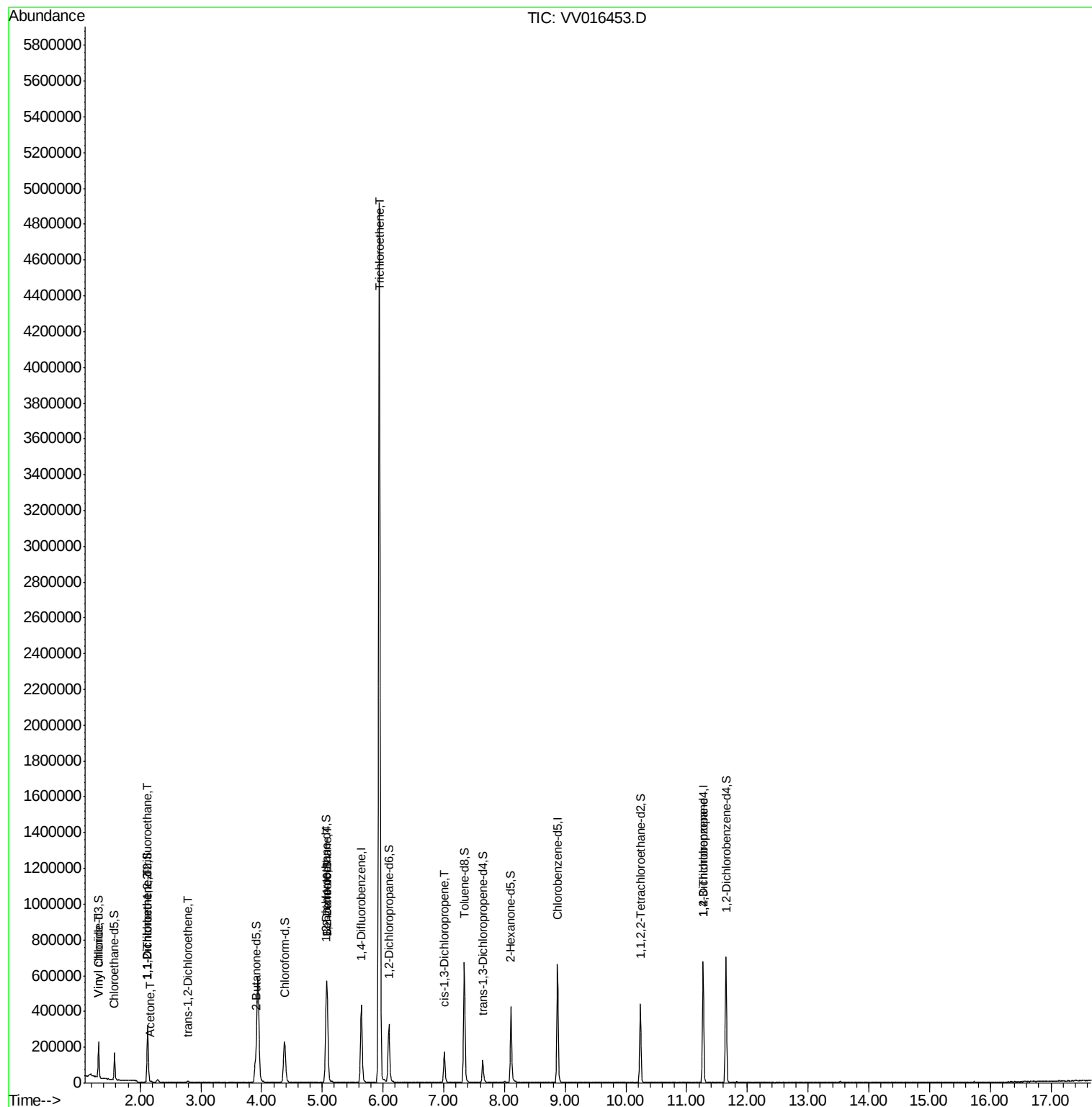
					Ovalue
5) Vinyl chloride	1.32	62	1971	0.717 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1373	0.665 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	3201	1.612 ug/L #	1
13) Acetone	2.18	43	4582	3.026 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	2626	1.048 ug/L	96
27) 1,2-Dichloroethane	5.07	62	3557	0.901 ug/L	96
34) Trichloroethene	5.94	95	1643406	624.078 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4641	1.217 ug/L #	57
59) 1,2,3-Trichloropropane	11.27	75	20347	6.233 ug/L	93

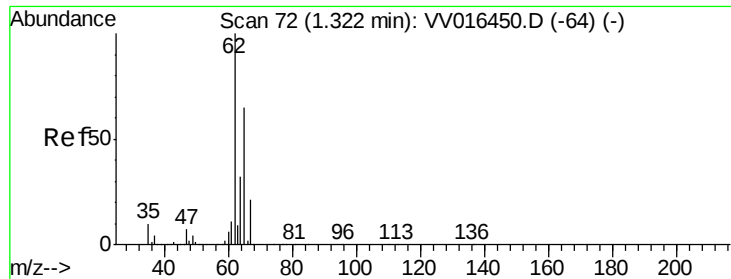
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.717 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

Instrument :

MSVOA_V

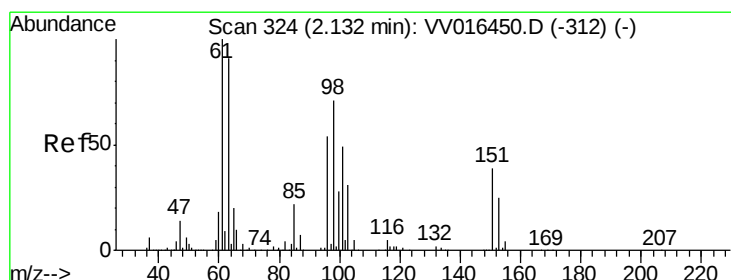
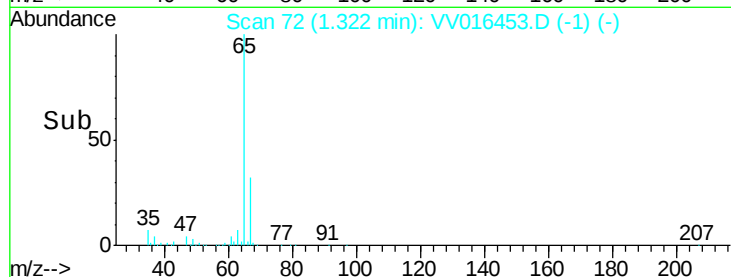
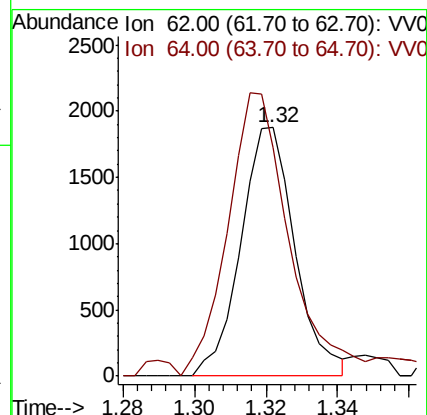
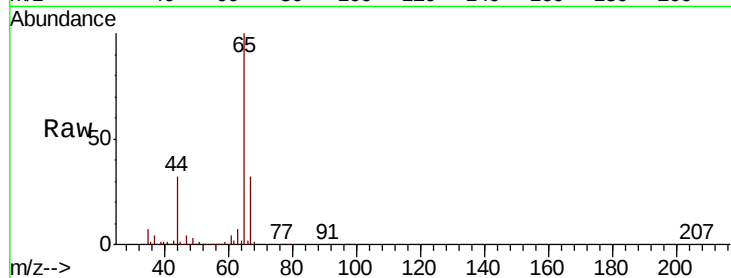
ClientSampleId :

Tot Ion: 62 Resp: 1971

Ion Ratio Lower Upper

62 100

64 91.9 22.7 42.1#



#10

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

Concen: 0.665 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

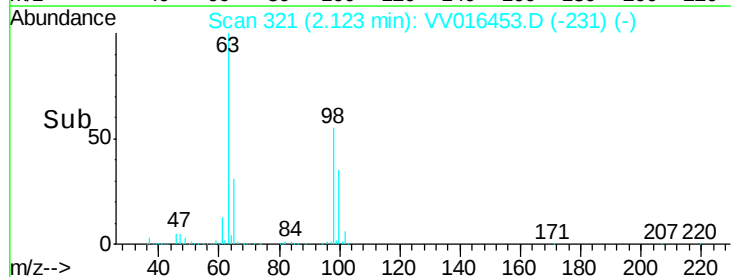
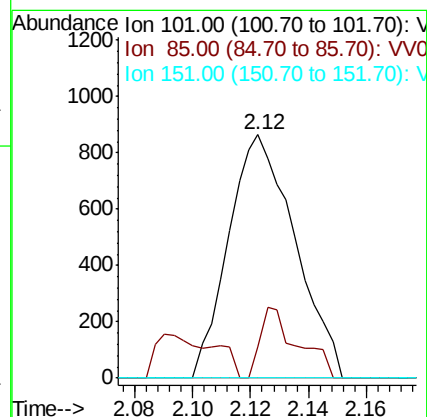
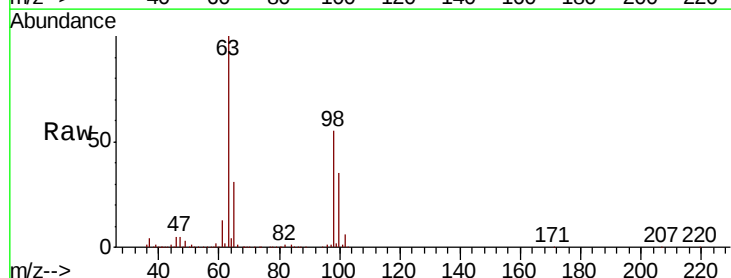
Tgt Ion: 101 Resp: 1373

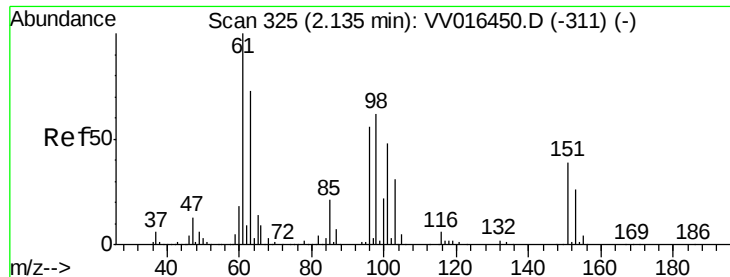
Ion Ratio Lower Upper

101 100

85 14.8 35.6 53.4#

151 0.0 61.8 92.8#





#12

1,1-Dichloroethene

Concen: 1.612 ug/L

RT: 2.13 min Scan# 324

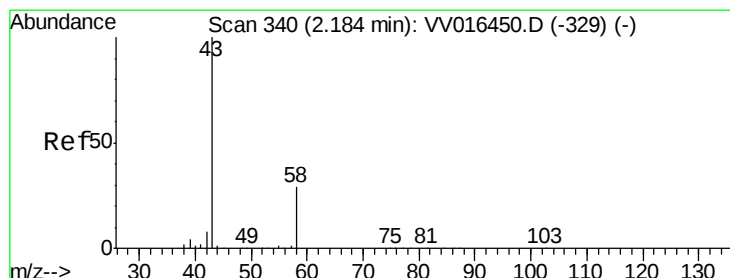
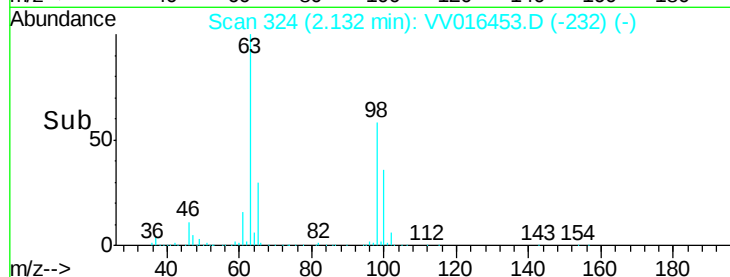
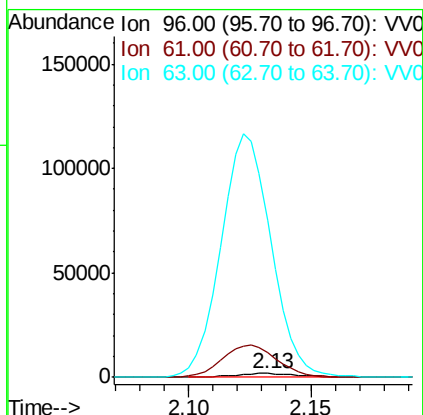
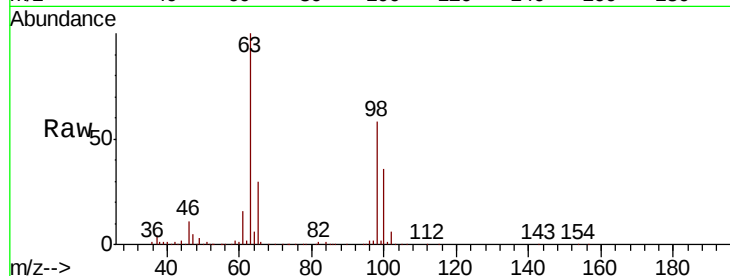
Delta R.T. -0.00 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 3201
Ion Ratio Lower Upper
96 100
61 636.0 125.5 233.1#
63 4055.3 104.0 193.1#



#13

Acetone

Concen: 3.026 ug/L

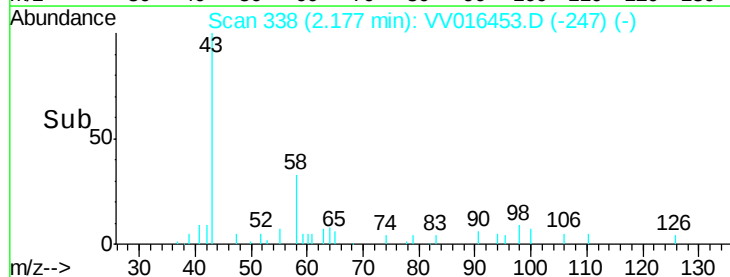
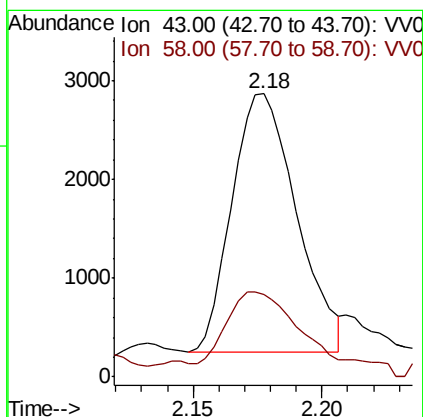
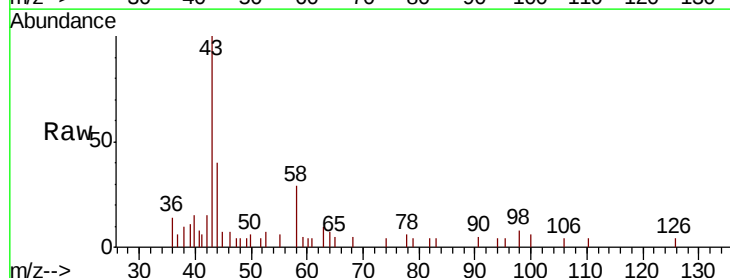
RT: 2.18 min Scan# 338

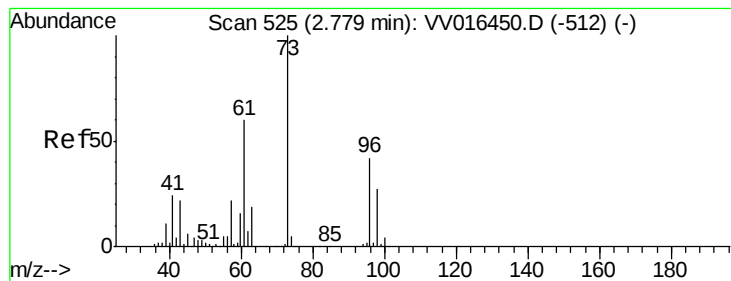
Delta R.T. -0.01 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

Tgt Ion: 43 Resp: 4582
Ion Ratio Lower Upper
43 100
58 29.5 0.0 57.2





#17

trans-1,2-Dichloroethene

Concen: 1.048 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

Instrument :

MSVOA_V

ClientSampleId :

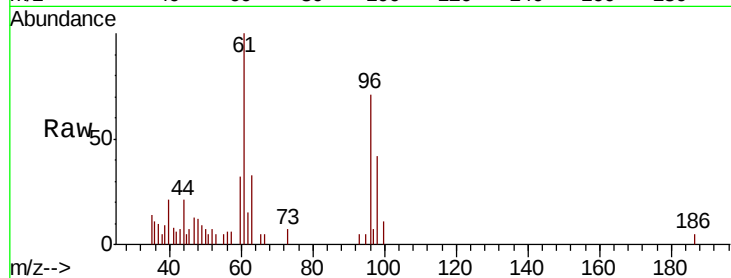
Tot Ion: 96 Resp: 2626

Ion Ratio Lower Upper

96 100

61 140.2 101.0 187.6

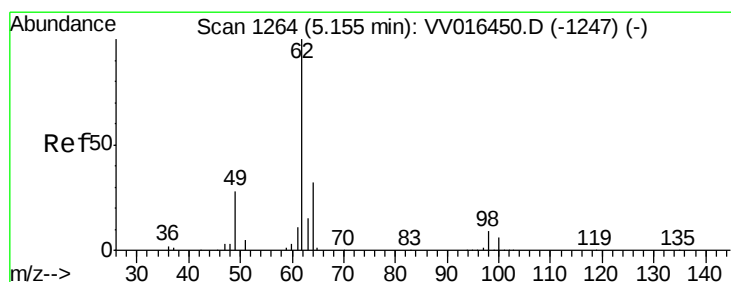
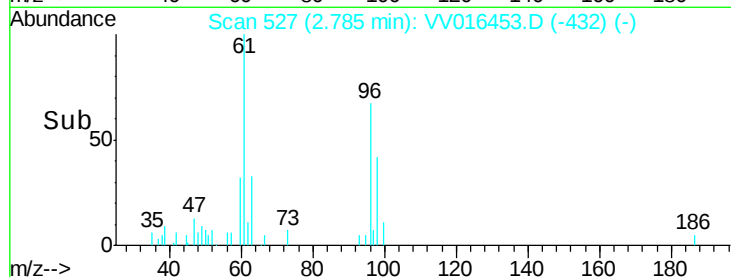
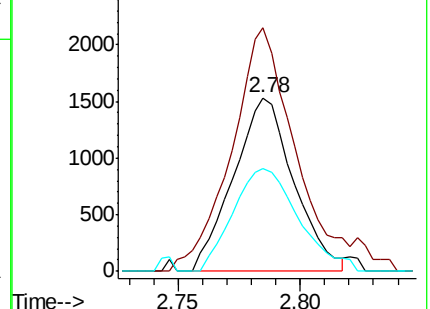
98 58.9 44.7 83.1



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



#27

1,2-Dichloroethane

Concen: 0.901 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016453.D

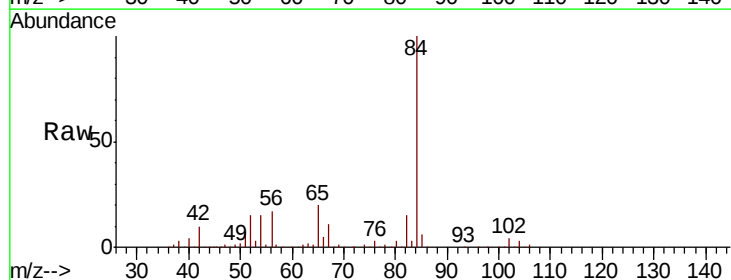
Acq: 03 Jun 2020 13:45

Tgt Ion: 62 Resp: 3557

Ion Ratio Lower Upper

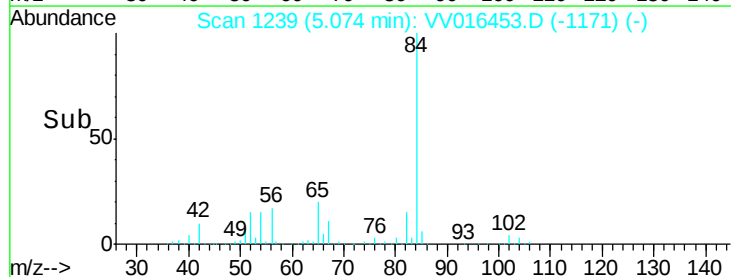
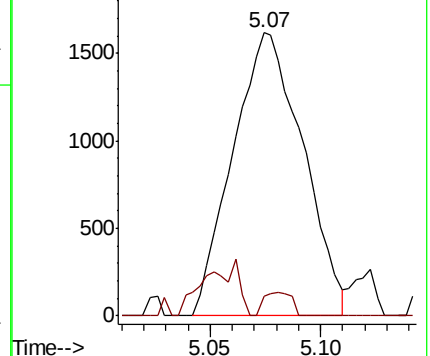
62 100

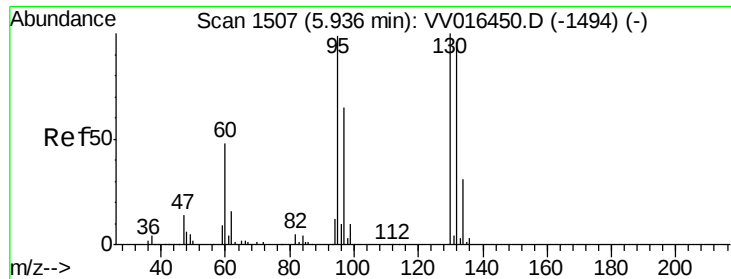
98 7.1 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

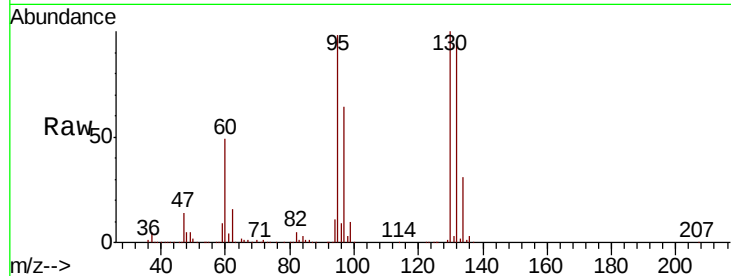




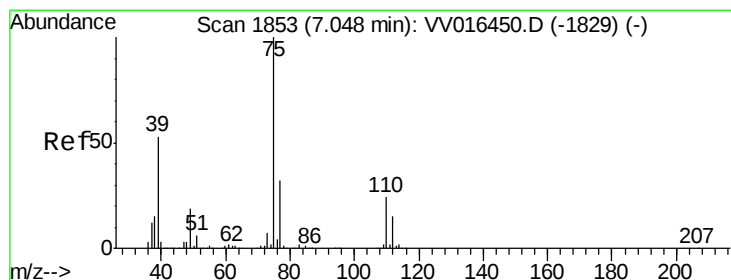
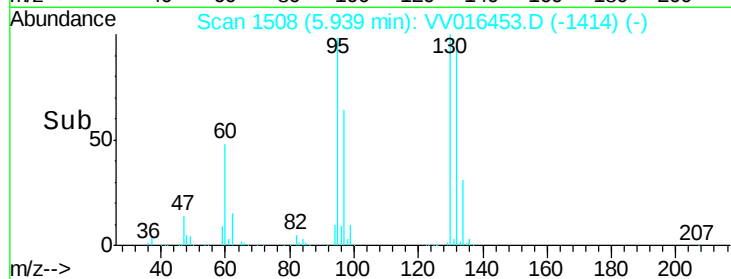
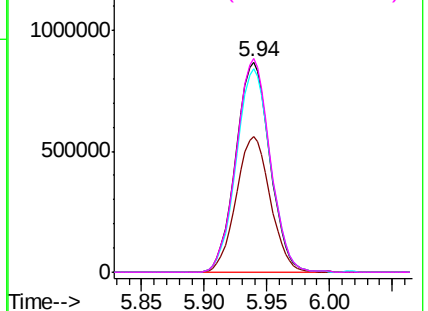
#34
 Trichloroethene
 Concen: 624.078 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016453.D
 Acq: 03 Jun 2020 13:45

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 1643406
 Ion Ratio Lower Upper
 95 100
 97 64.6 42.8 79.6
 132 96.9 65.6 121.8
 130 101.7 69.0 128.1

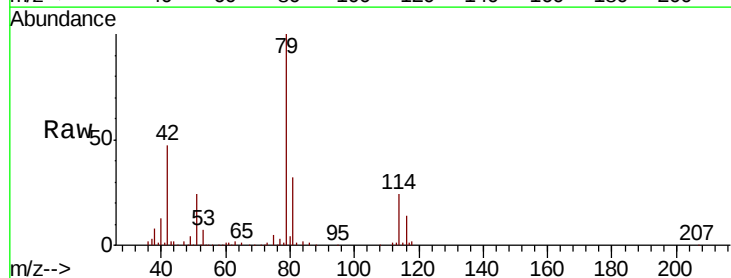


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

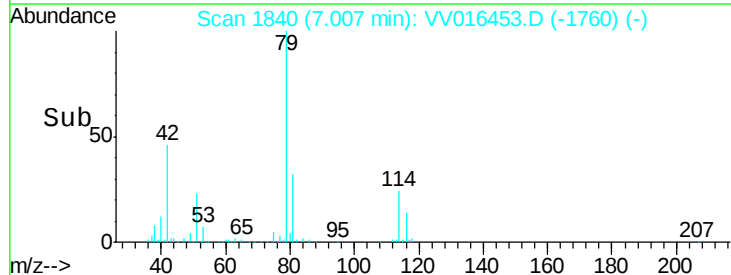
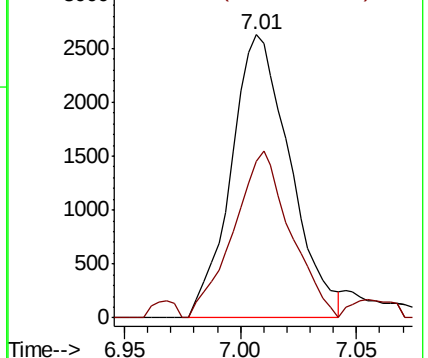


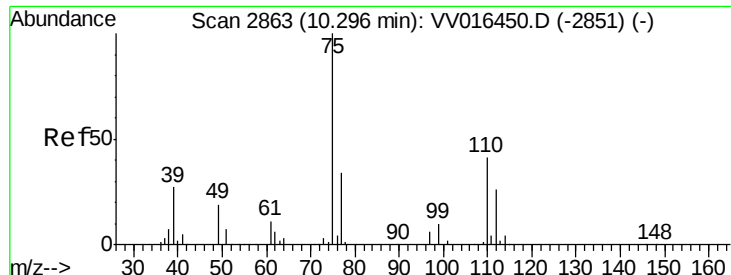
#39
 cis-1,3-Dichloropropene
 Concen: 1.217 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016453.D
 Acq: 03 Jun 2020 13:45

Tgt Ion: 75 Resp: 4641
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.0 41.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0
 Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.233 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016453.D

Acq: 03 Jun 2020 13:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 20347

Ion Ratio Lower Upper

75 100

77 37.5 26.6 40.0

