

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016463.D
 Acq On : 03 Jun 2020 17:46
 Operator : SY/MD
 Sample : L2843-06DL 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:20:40 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	378969	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	362302	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170031	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111711	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.24%
7) Chloroethane-d5	1.57	69	85817	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.12	63	158410	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	3.89	46	181202	105.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.58%
24) Chloroform-d	4.38	84	232412	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
26) 1,2-Dichloroethane-d4	5.06	65	163434	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.07	84	468560	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
36) 1,2-Dichloropropane-d6	6.09	67	146787	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.34	98	414791	47.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.12%
43) trans-1,3-Dichloropropene-	7.64	79	69045	46.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.70%
47) 2-Hexanone-d5	8.11	63	140227	108.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196154	47.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	165085	51.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.34%

Target Compounds

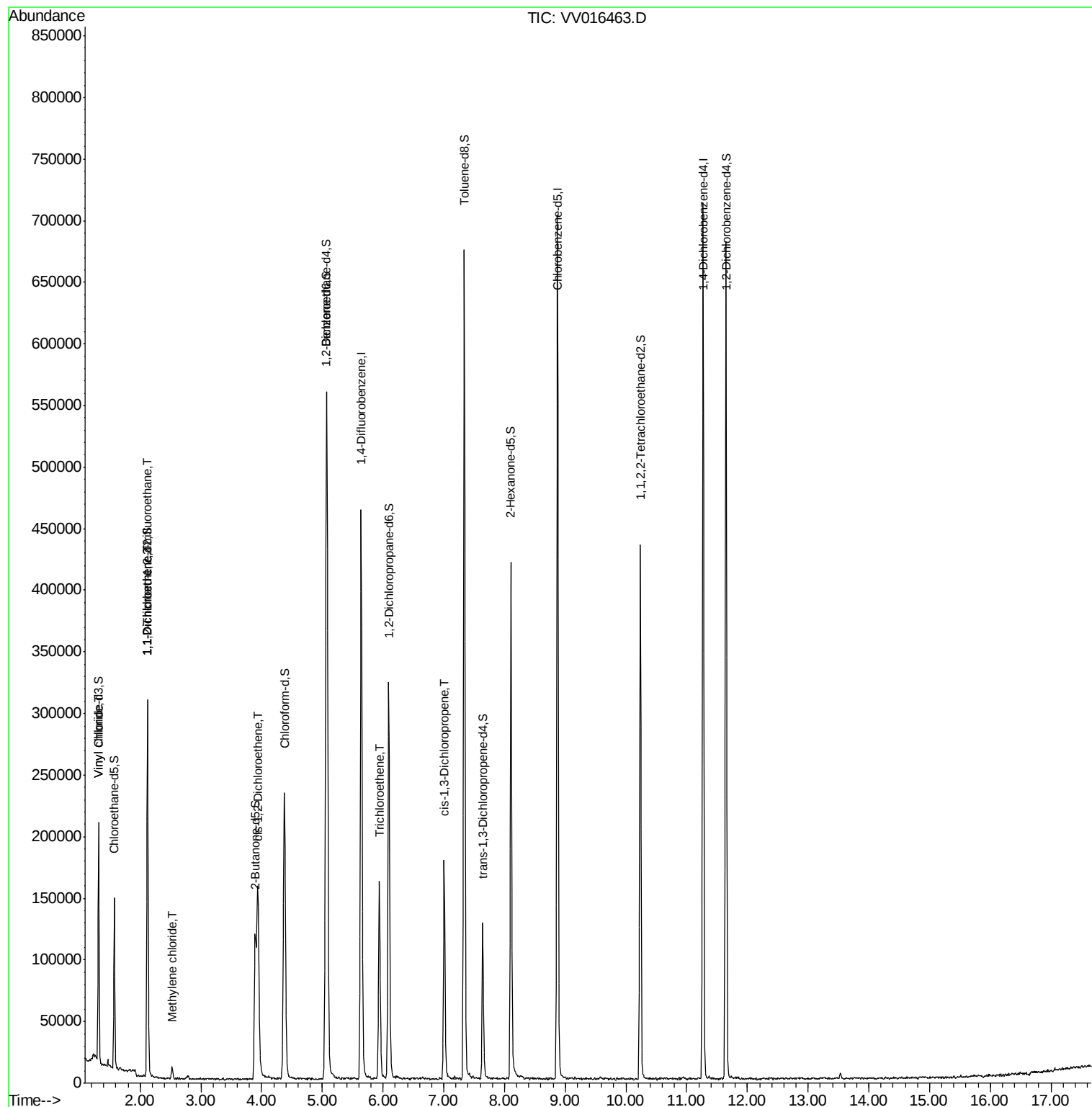
					Ovalue
5) Vinyl chloride	1.32	62	7107	2.442 ug/L #	68
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1576	0.721 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	1667	0.792 ug/L #	1
16) Methylene chloride	2.52	84	3753	1.265 ug/L	91
20) cis-1,2-Dichloroethene	3.94	96	78764	27.492 ug/L	99
34) Trichloroethene	5.94	95	55295	19.777 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	5033	1.243 ug/L	88

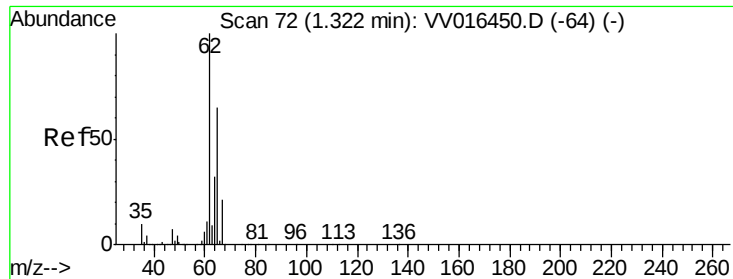
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.442 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016463.D

Acq: 03 Jun 2020 17:46

Instrument :

MSVOA_V

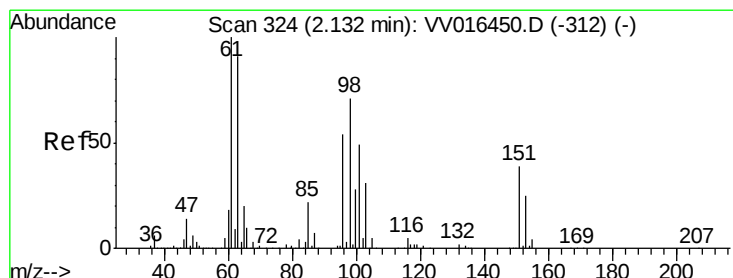
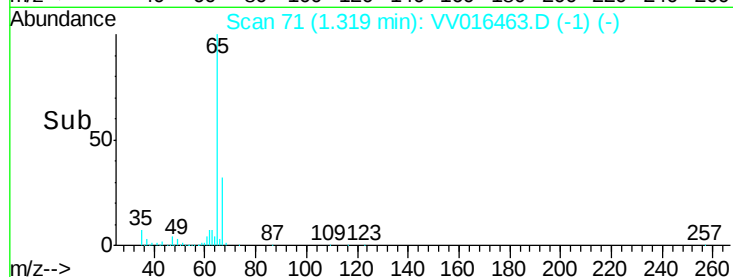
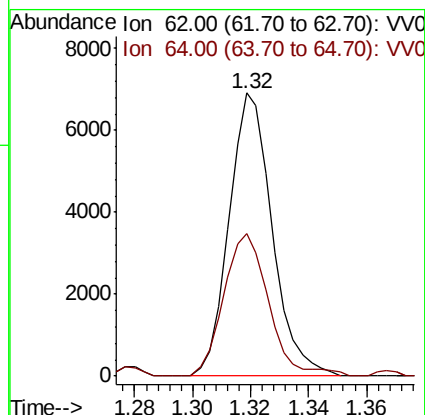
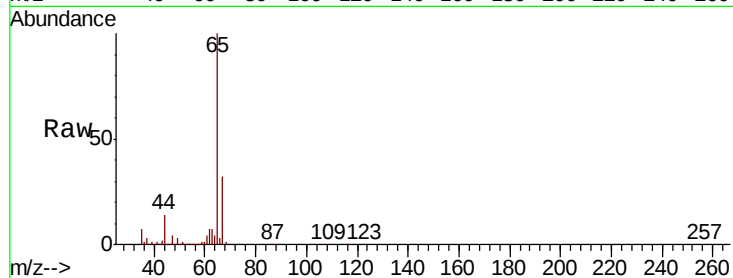
ClientSampleId :

Tot Ion: 62 Resp: 7107

Ion Ratio Lower Upper

62 100

64 50.4 22.7 42.1#



#10

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

Concen: 0.721 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016463.D

Acq: 03 Jun 2020 17:46

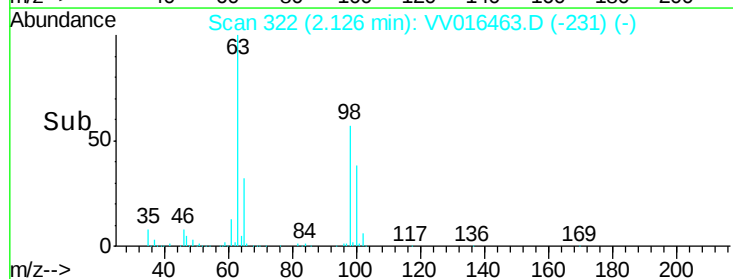
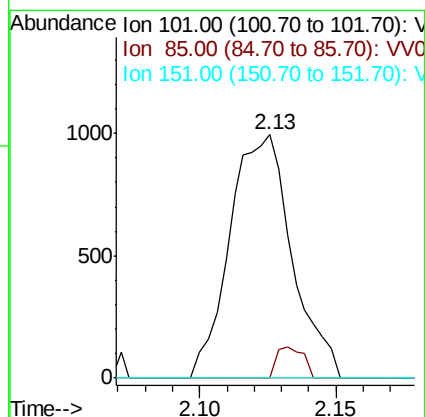
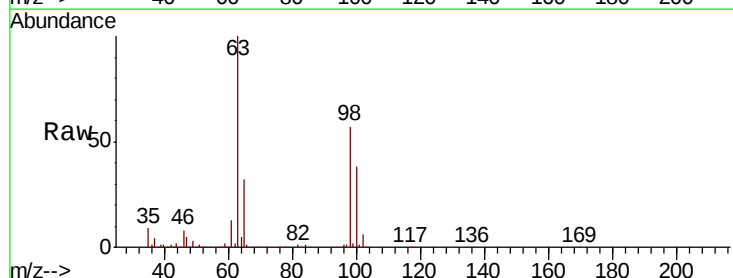
Tgt Ion: 101 Resp: 1576

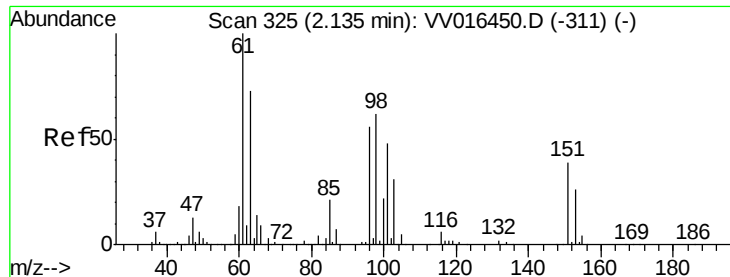
Ion Ratio Lower Upper

101 100

85 5.5 35.6 53.4#

151 0.0 61.8 92.8#

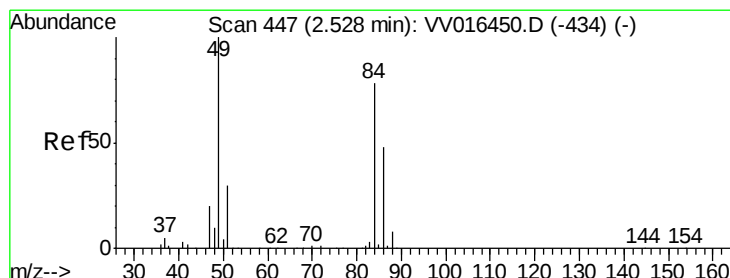
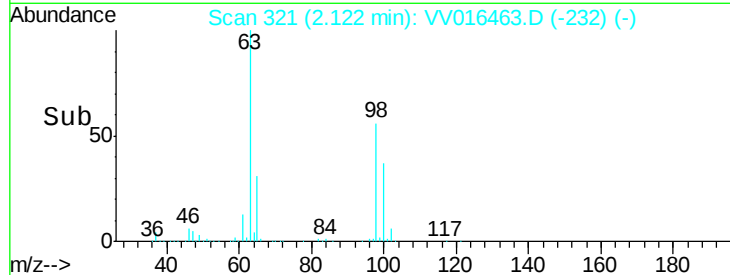
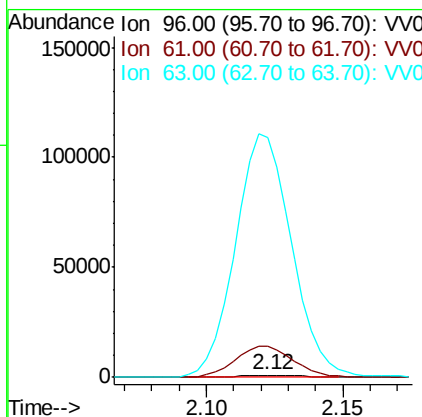
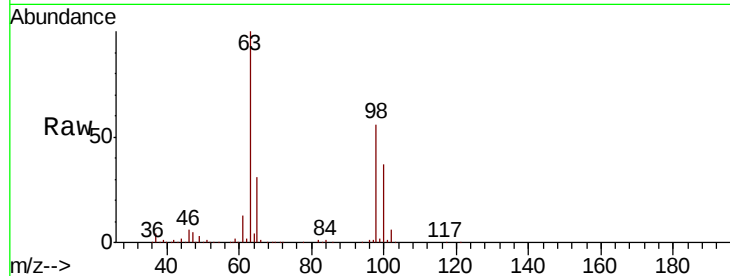




#12
 1,1-Dichloroethene
 Concen: 0.792 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV016463.D
 Acq: 03 Jun 2020 17:46

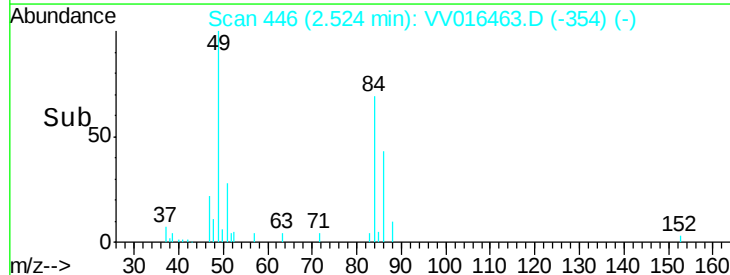
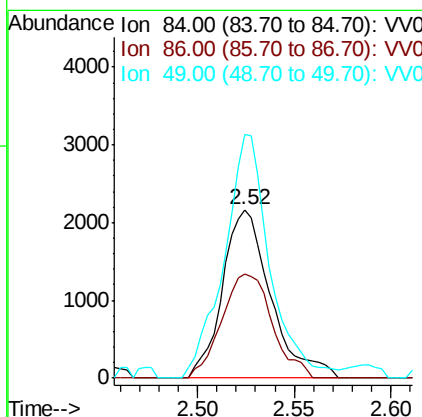
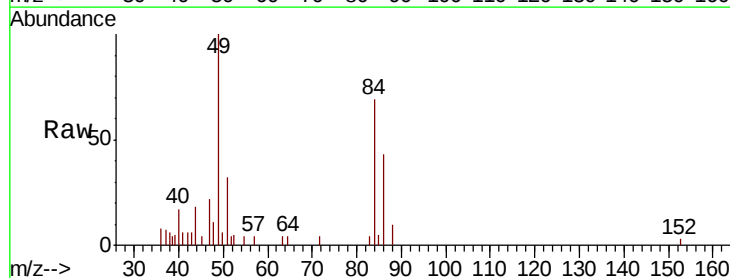
Instrument :
 MSVOA_V
 ClientSampled :

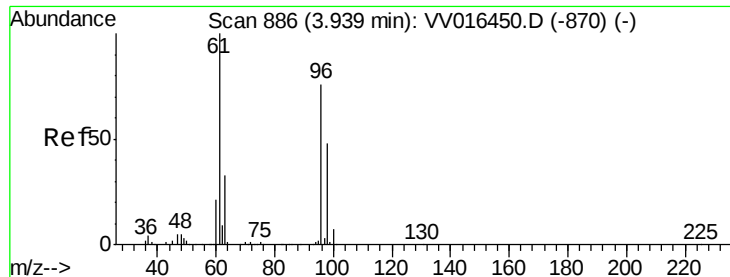
Tot Ion: 96 Resp: 1667
 Ion Ratio Lower Upper
 96 100
 61 1500.8 125.5 233.1#
 63 11479.6 104.0 193.1#



#16
 Methylene chloride
 Concen: 1.265 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: VV016463.D
 Acq: 03 Jun 2020 17:46

Tgt Ion: 84 Resp: 3753
 Ion Ratio Lower Upper
 84 100
 86 61.6 45.1 83.9
 49 144.7 92.4 171.6



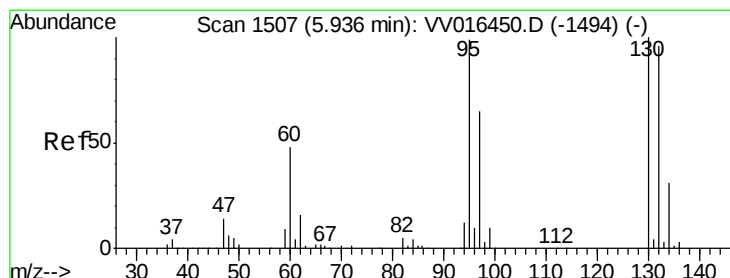
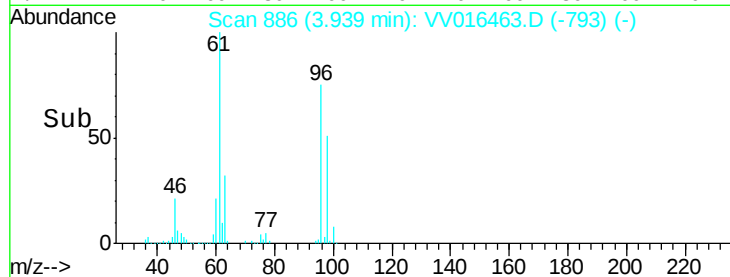
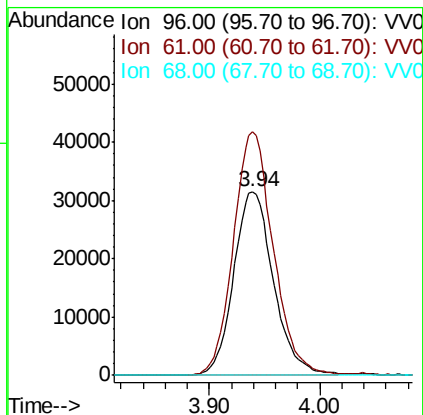
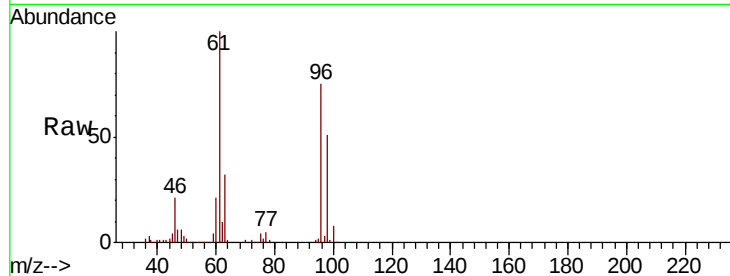


#20

cis-1,2-Dichloroethene
Concen: 27.492 ug/L
RT: 3.94 min Scan# 886
Delta R.T. -0.00 min
Lab File: VV016463.D
Acq: 03 Jun 2020 17:46

Instrument :
MSVOA_V
ClientSampled :

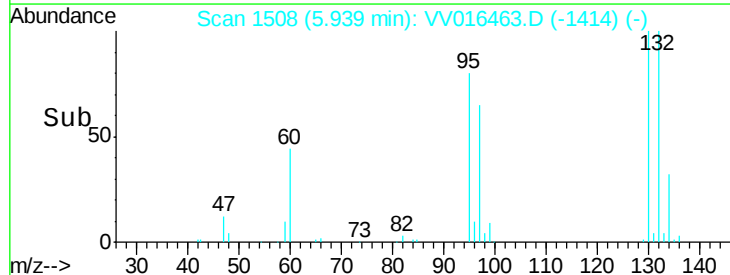
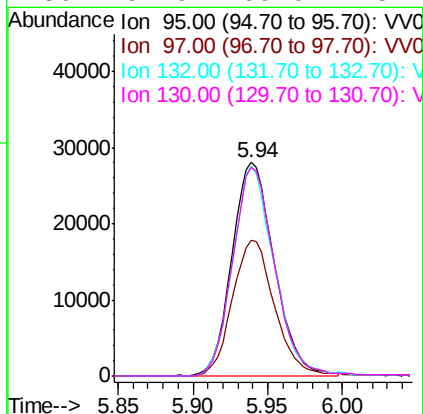
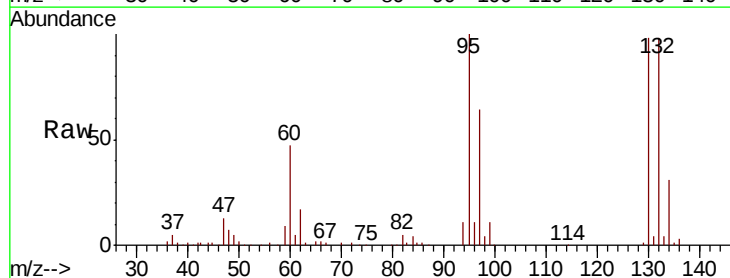
Tot Ion: 96 Resp: 78764
Ion Ratio Lower Upper
96 100
61 132.5 93.4 173.4
68 0.0 0.0 0.0

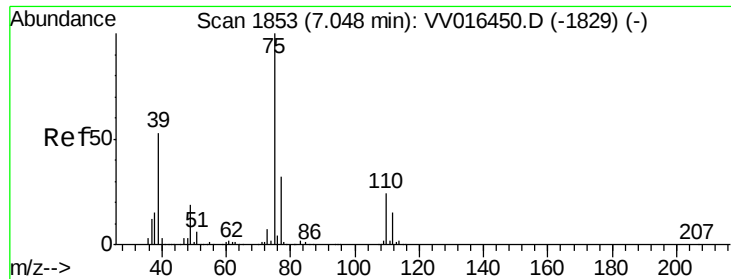


#34

Trichloroethene
Concen: 19.777 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016463.D
Acq: 03 Jun 2020 17:46

Tgt Ion: 95 Resp: 55295
Ion Ratio Lower Upper
95 100
97 63.6 42.8 79.6
132 98.4 65.6 121.8
130 97.9 69.0 128.1





#39

cis-1,3-Dichloropropene

Concen: 1.243 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016463.D

Acq: 03 Jun 2020 17:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 5033

Ion Ratio Lower Upper

75 100

77 38.4 22.0 41.0

