

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016460.D
 Acq On : 03 Jun 2020 16:35
 Operator : SY/MD
 Sample : L2843-03DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 01:20:03 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	374938	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	351687	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161884	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	112927	42.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.04%
7) Chloroethane-d5	1.58	69	86564	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.30%
11) 1,1-Dichloroethene-d2	2.12	63	161949	34.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.80%
21) 2-Butanone-d5	3.90	46	183246	107.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	4.38	84	235389	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
26) 1,2-Dichloroethane-d4	5.06	65	165312	49.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.06%
32) Benzene-d6	5.08	84	475236	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.09	67	149285	50.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.72%
41) Toluene-d8	7.34	98	423710	49.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.04%
43) trans-1,3-Dichloropropene-	7.64	79	68281	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.11	63	140233	111.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	194320	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	162710	53.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.96%

Target Compounds

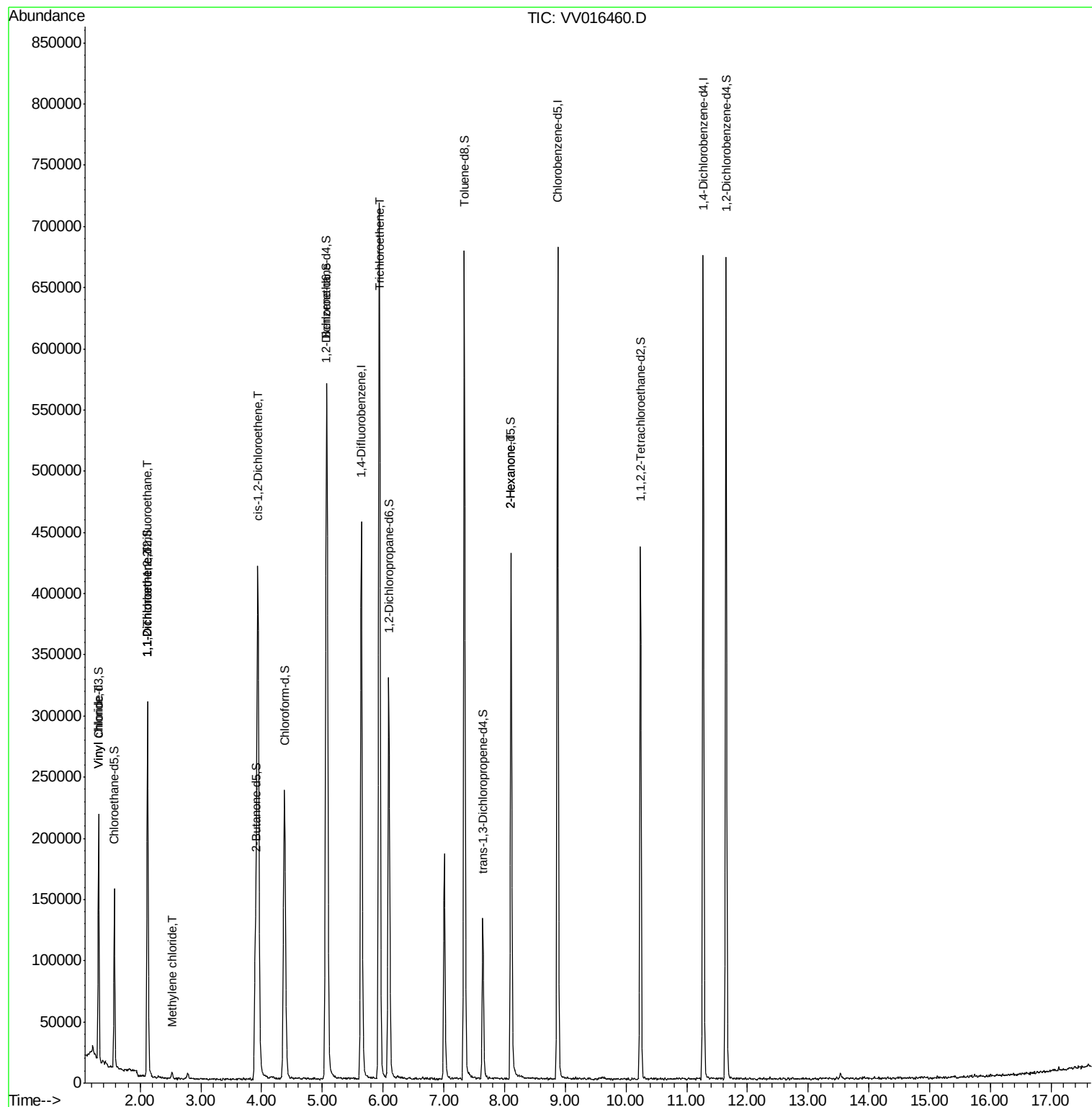
					Ovalue
5) Vinyl chloride	1.32	62	6511	2.261 ug/L #	58
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1580	0.730 ug/L #	22
12) 1,1-Dichloroethene	2.12	96	2146	1.031 ug/L #	1
16) Methylene chloride	2.53	84	2122	0.723 ug/L	88
20) cis-1,2-Dichloroethene	3.94	96	222683	78.562 ug/L	98
34) Trichloroethene	5.94	95	242973	89.527 ug/L	96
48) 2-Hexanone	8.11	43	17180	5.957 ug/L #	67

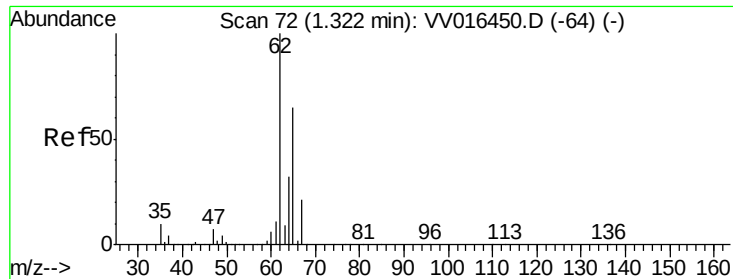
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 2.261 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016460.D

Acq: 03 Jun 2020 16:35

Instrument :

MSVOA_V

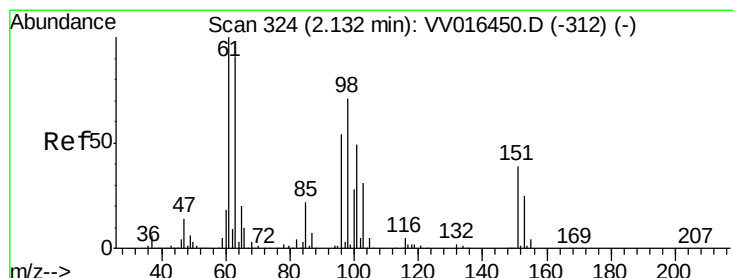
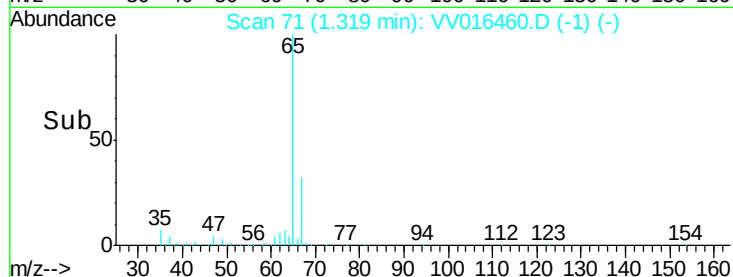
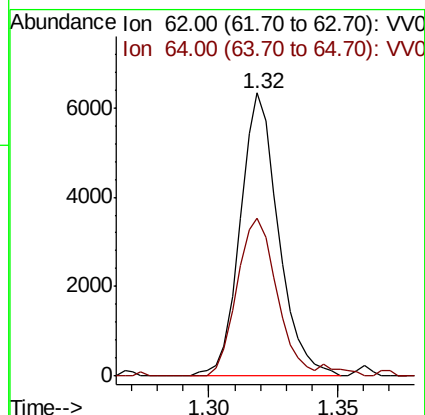
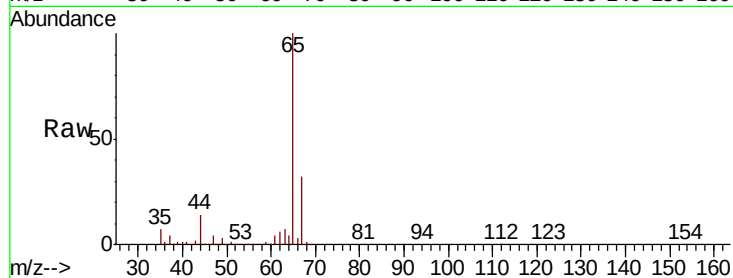
ClientSampleId :

Tot Ion: 62 Resp: 6511

Ion Ratio Lower Upper

62 100

64 55.7 22.7 42.1#



#10

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

Concen: 0.730 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016460.D

Acq: 03 Jun 2020 16:35

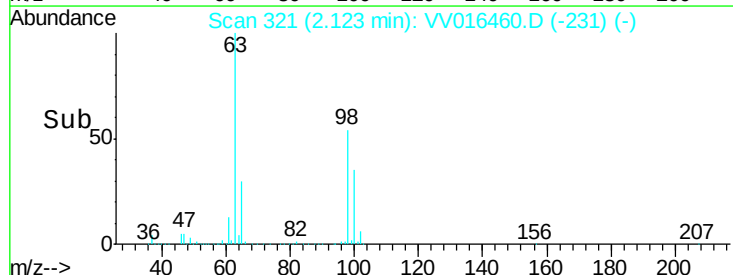
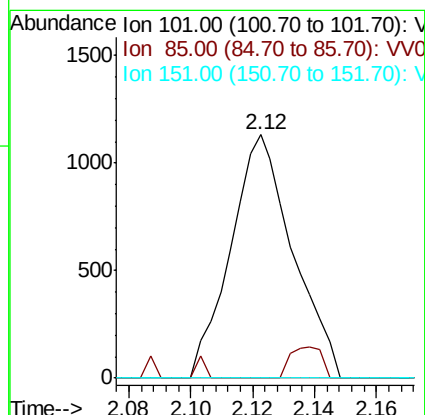
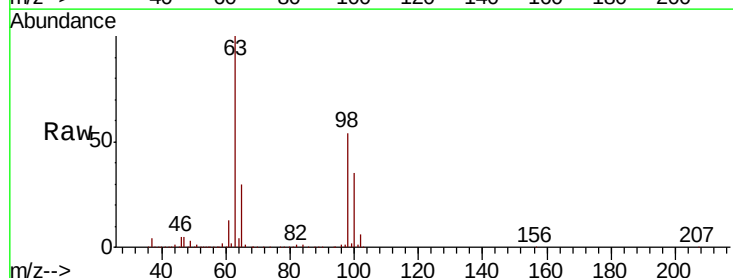
Tgt Ion: 101 Resp: 1580

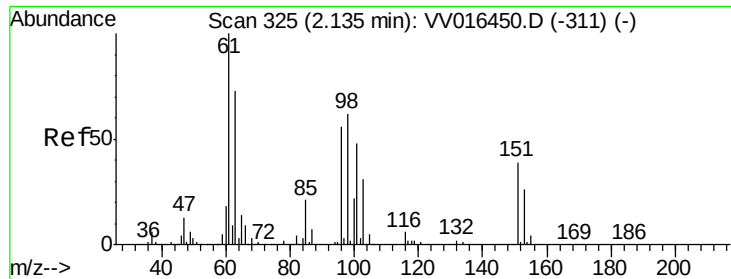
Ion Ratio Lower Upper

101 100

85 6.5 35.6 53.4#

151 0.0 61.8 92.8#

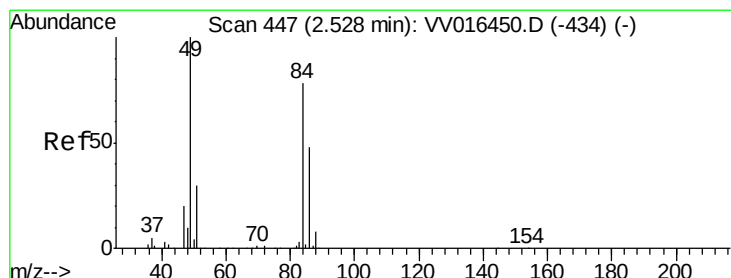
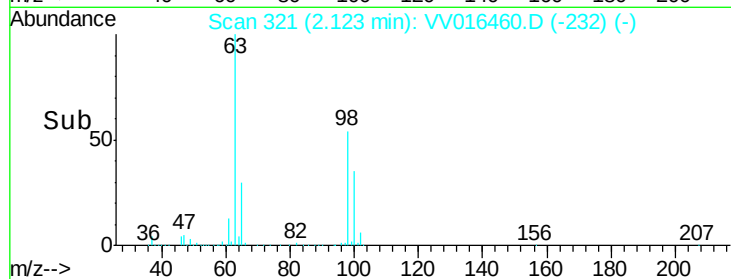
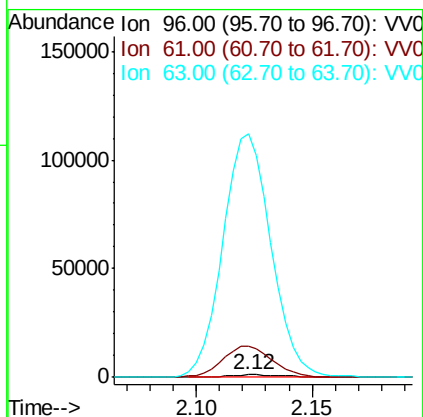
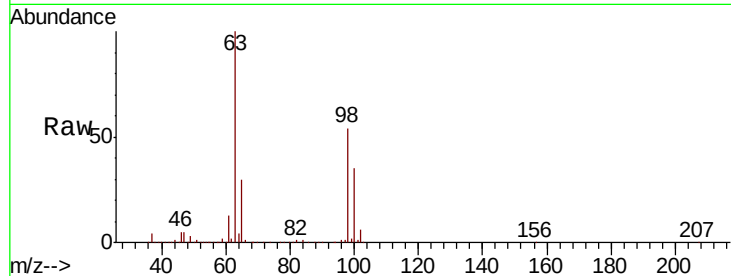




#12
 1,1-Dichloroethene
 Concen: 1.031 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV016460.D
 Acq: 03 Jun 2020 16:35

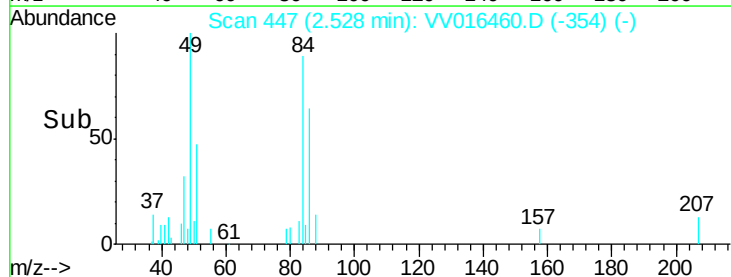
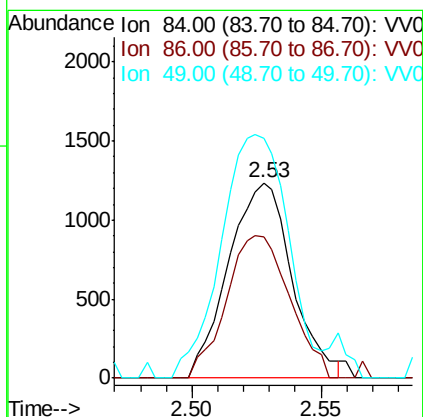
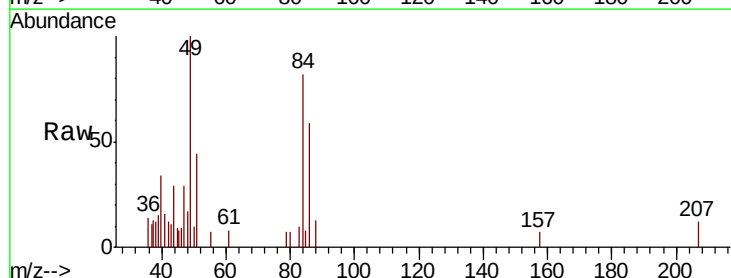
Instrument :
 MSVOA_V
 ClientSampled :

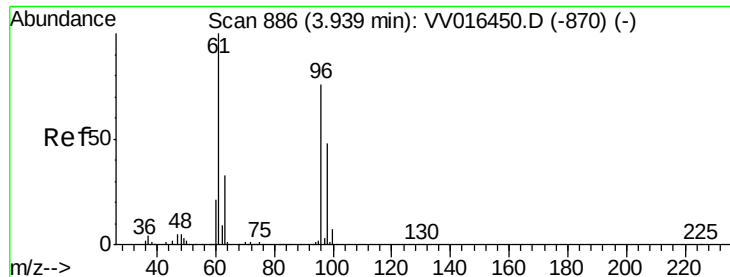
Tot Ion: 96 Resp: 2146
 Ion Ratio Lower Upper
 96 100
 61 1243.7 125.5 233.1#
 63 9715.9 104.0 193.1#



#16
 Methylene chloride
 Concen: 0.723 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. -0.00 min
 Lab File: VV016460.D
 Acq: 03 Jun 2020 16:35

Tgt Ion: 84 Resp: 2122
 Ion Ratio Lower Upper
 84 100
 86 65.6 45.1 83.9
 49 111.2 92.4 171.6

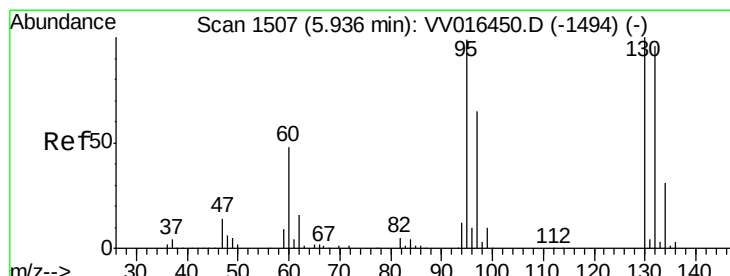
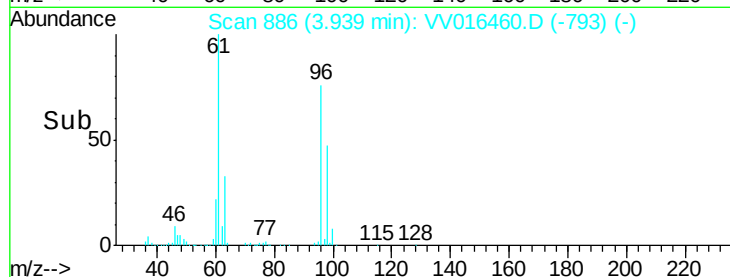
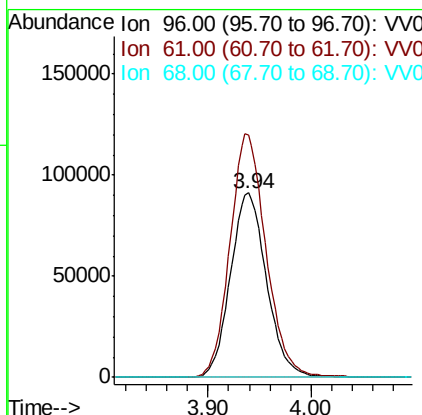
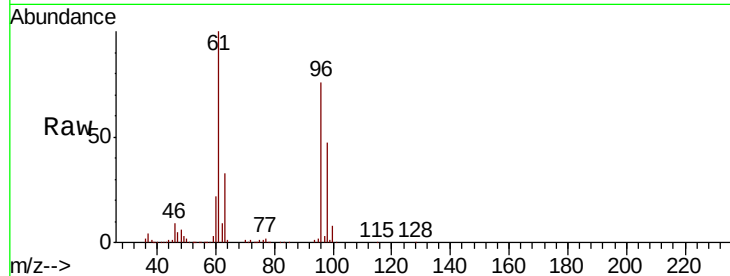




#20
 cis-1,2-Dichloroethene
 Concen: 78.562 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: VV016460.D
 Acq: 03 Jun 2020 16:35

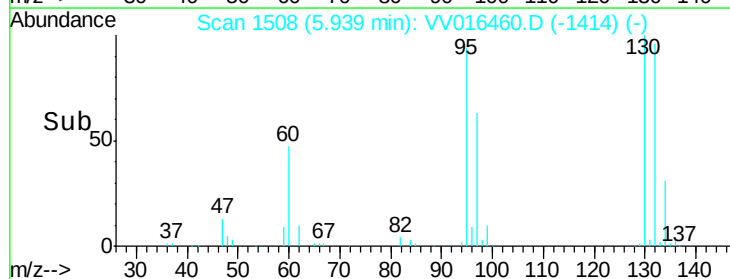
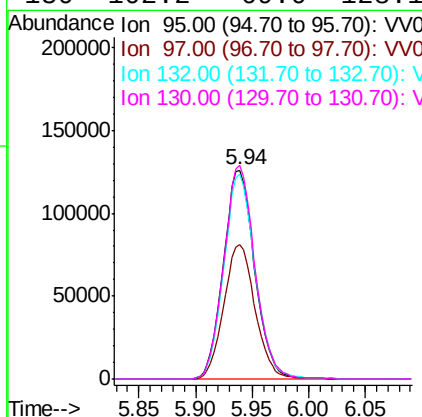
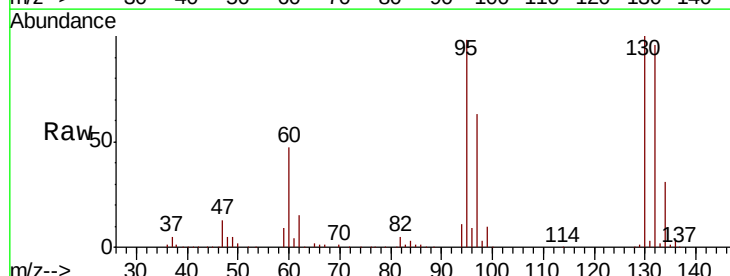
Instrument :
 MSVOA_V
 ClientSampleId :

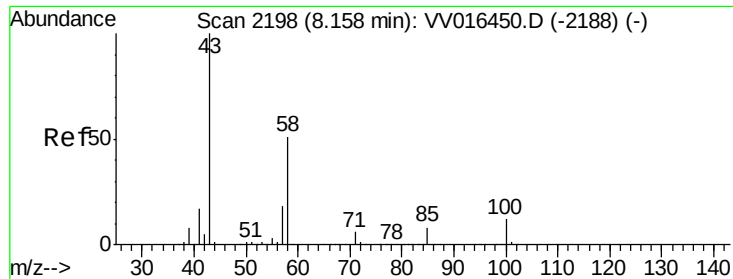
Tot Ion: 96 Resp: 222683
 Ion Ratio Lower Upper
 96 100
 61 131.5 93.4 173.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 89.527 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016460.D
 Acq: 03 Jun 2020 16:35

Tgt Ion: 95 Resp: 242973
 Ion Ratio Lower Upper
 95 100
 97 64.4 42.8 79.6
 132 97.9 65.6 121.8
 130 102.2 69.0 128.1





#48
 2-Hexanone
 Concen: 5.957 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV016460.D
 Acq: 03 Jun 2020 16:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 17180
 Ion Ratio Lower Upper
 43 100
 58 24.6 42.7 64.1#
 57 23.3 14.5 21.7#
 100 0.4 9.4 14.2#

