

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017325.D
 Acq On : 02 Jul 2020 23:01
 Operator : SY/MD
 Sample : L3150-11DL 100X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:20:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162767	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157256	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76223	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39240	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.58	69	32871	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.12	63	65056	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	93032	37.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.74%
24) Chloroform-d	4.38	84	90677	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.06	65	49102	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.08	84	163067	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.09	67	46994	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.00%
41) Toluene-d8	7.34	98	151203	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
45) trans-1,3-Dichloropropene-	7.65	79	18570	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
48) 2-Hexanone-d5	8.11	63	60831	31.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31846	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	59663	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

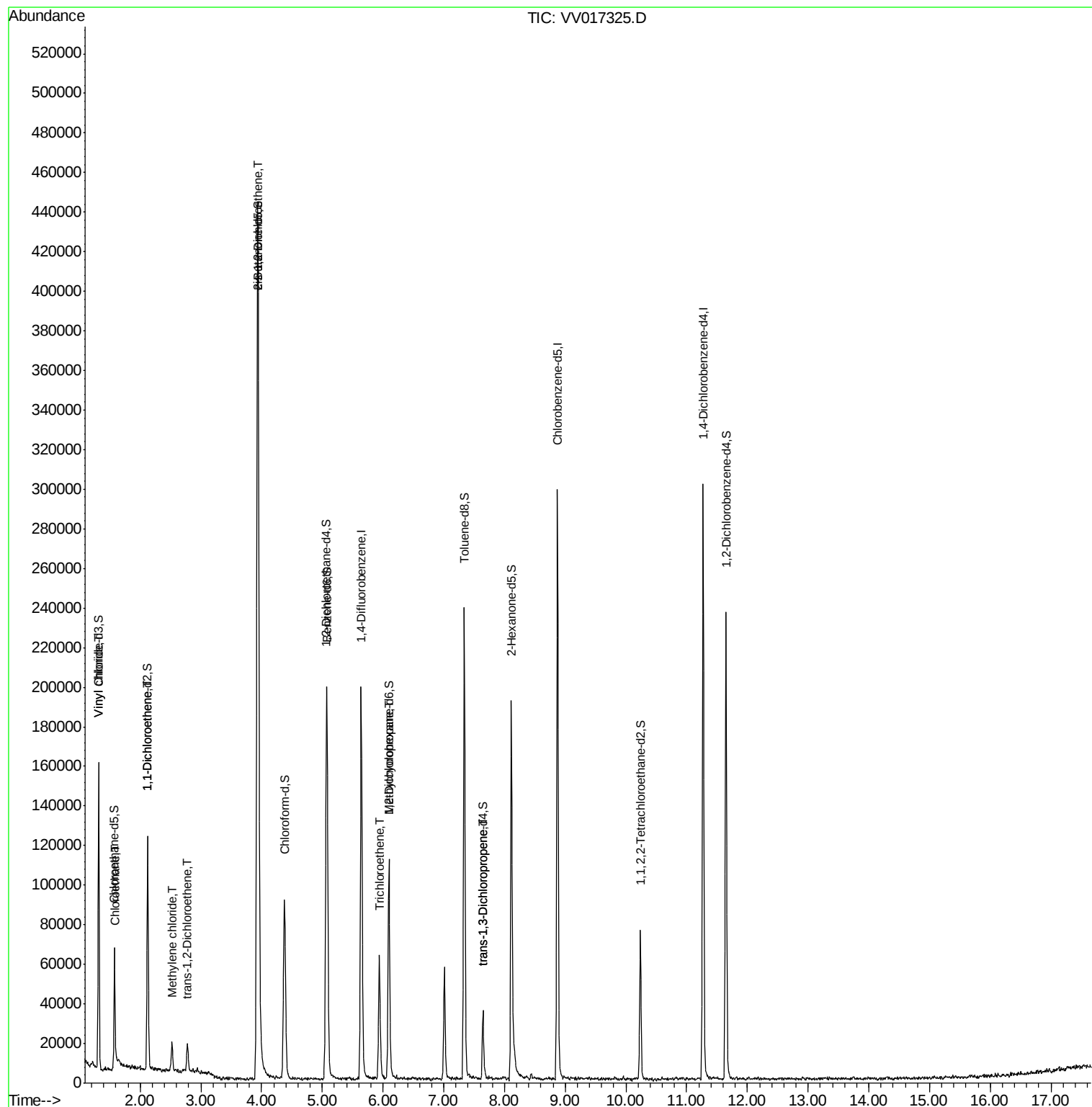
					Ovalue
5) Vinyl chloride	1.32	62	57068	5.343 ug/L	99
8) Chloroethane	1.59	64	8108	1.374 ug/L #	55
12) 1,1-Dichloroethene	2.13	96	1082	0.139 ug/L #	1
16) Methylene chloride	2.52	84	5873	0.702 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	5085	0.614 ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	222211	19.630 ug/L	99
34) Trichloroethene	5.94	95	20903	1.733 ug/L	93
35) Methylcyclohexane	6.09	83	13328	0.711 ug/L #	18
46) trans-1,3-Dichloropropene	7.64	75	718	0.055 ug/L #	29

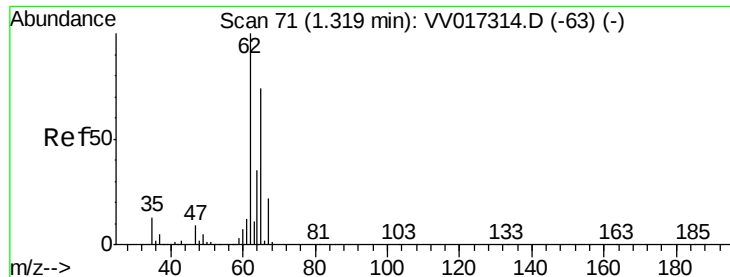
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.343 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017325.D

Acq: 02 Jul 2020 23:01

Instrument :

MSVOA_V

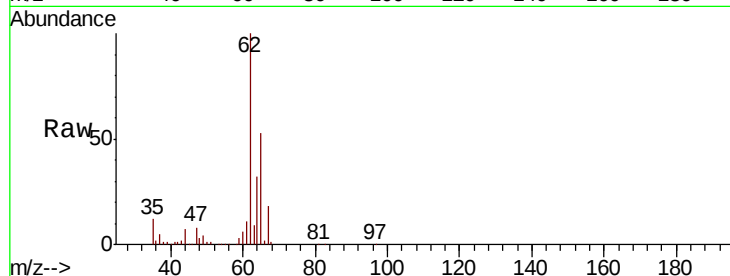
ClientSampleId :

Tot Ion: 62 Resp: 57068

Ion Ratio Lower Upper

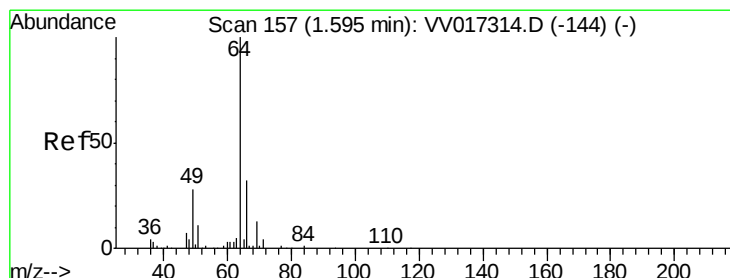
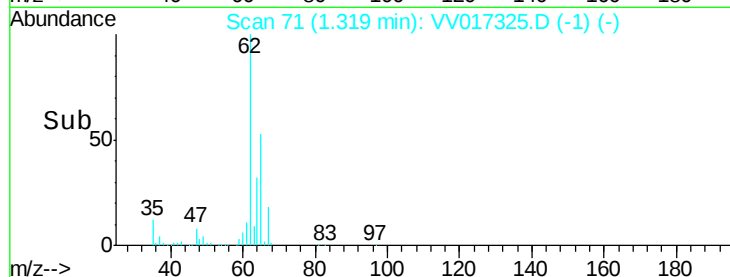
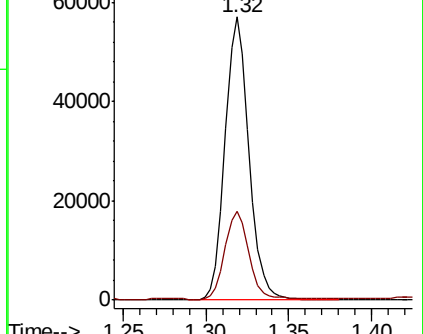
62 100

64 31.6 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 1.374 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV017325.D

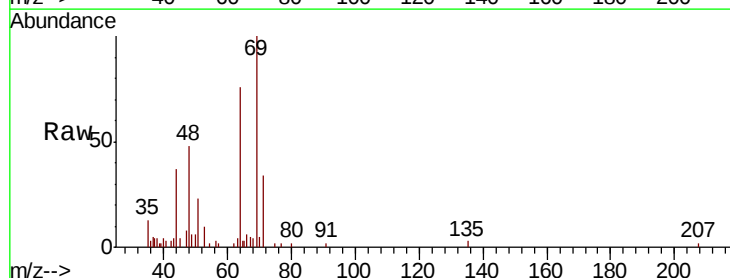
Acq: 02 Jul 2020 23:01

Tgt Ion: 64 Resp: 8108

Ion Ratio Lower Upper

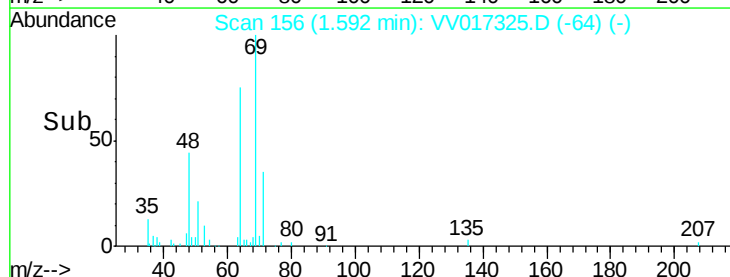
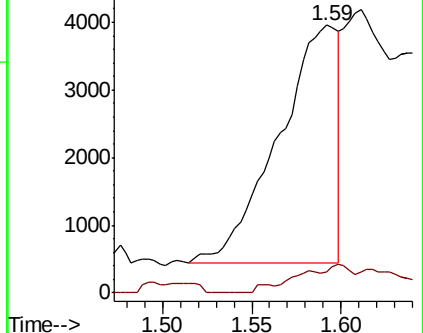
64 100

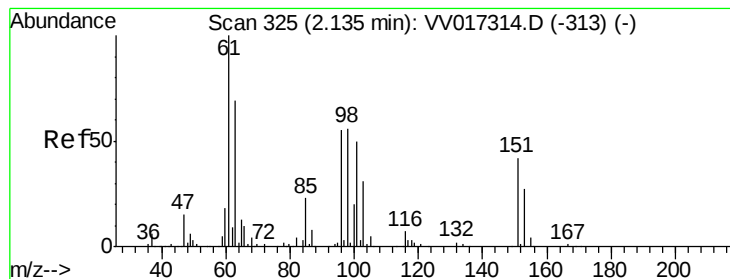
66 7.5 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.139 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017325.D

Acq: 02 Jul 2020 23:01

Instrument :
MSVOA_V
ClientSampled :

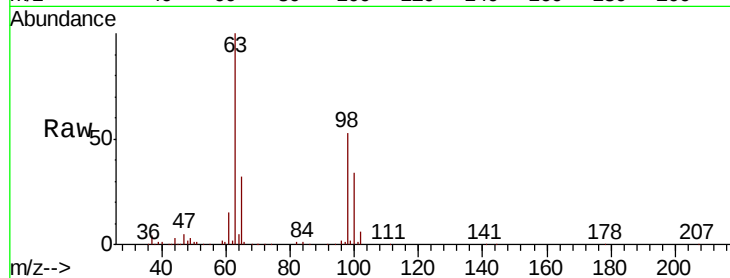
Tot Ion: 96 Resp: 1082

Ion Ratio Lower Upper

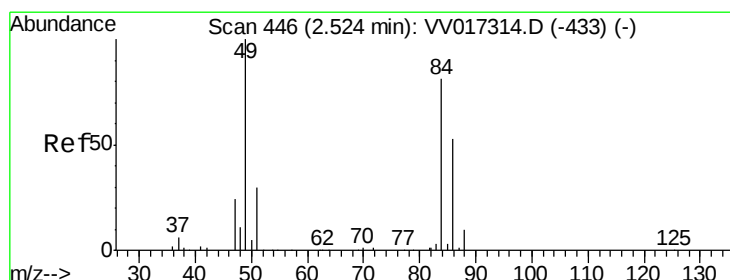
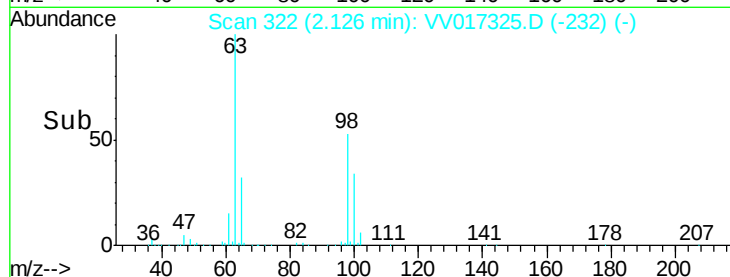
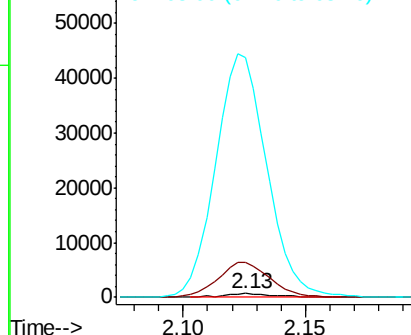
96 100

61 919.6 125.0 232.2#

63 6304.5 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#16

Methylene chloride

Concen: 0.702 ug/L

RT: 2.52 min Scan# 446

Delta R.T. -0.00 min

Lab File: VV017325.D

Acq: 02 Jul 2020 23:01

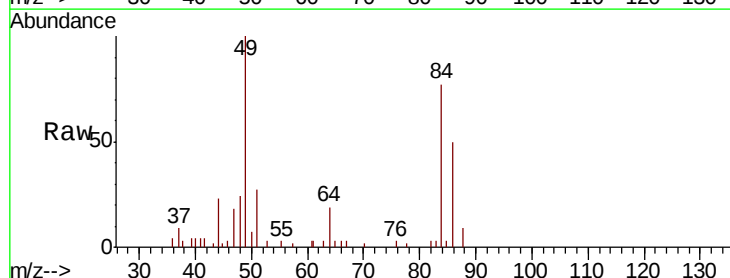
Tgt Ion: 84 Resp: 5873

Ion Ratio Lower Upper

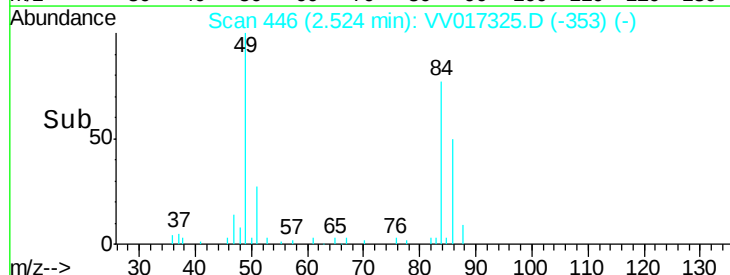
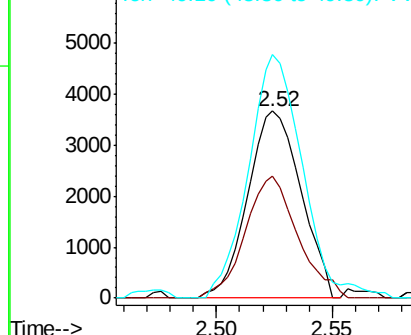
84 100

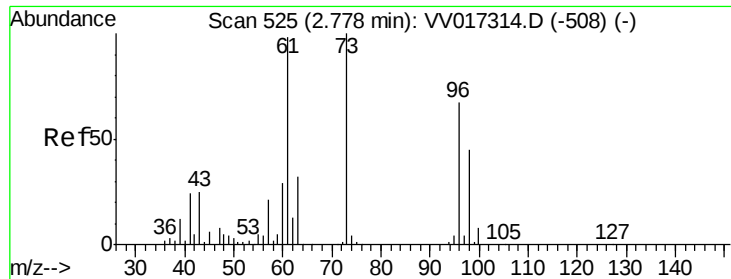
86 65.1 45.8 85.0

49 130.2 89.6 166.4



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

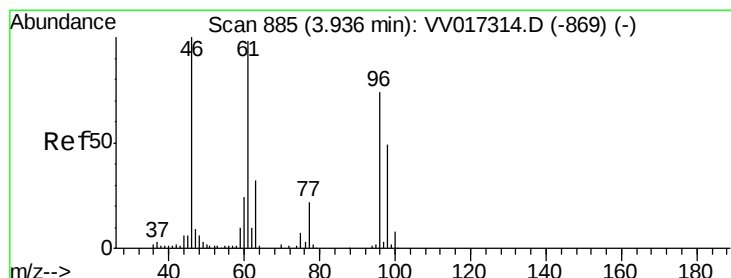
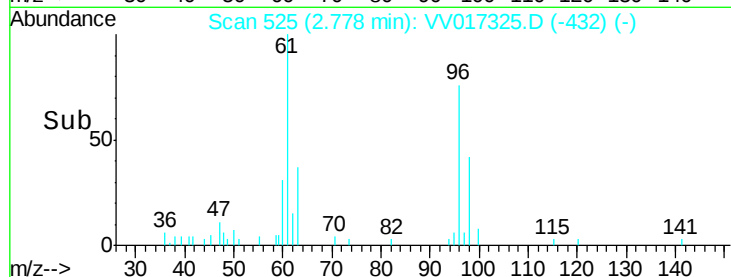
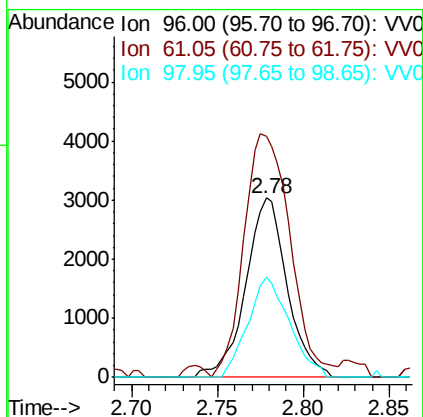
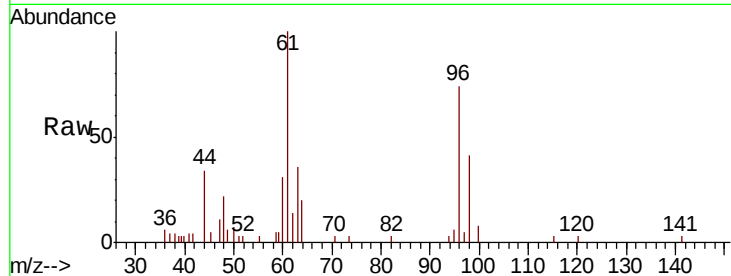




#18
 trans-1,2-Dichloroethene
 Concen: 0.614 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VV017325.D
 Acq: 02 Jul 2020 23:01

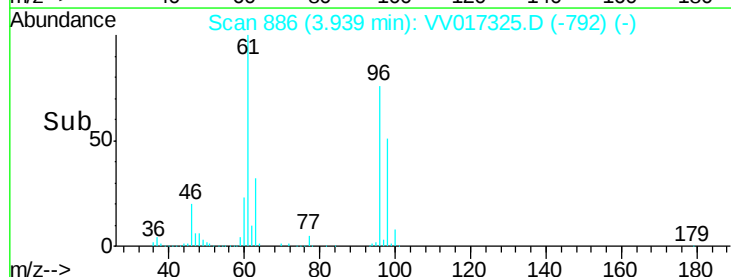
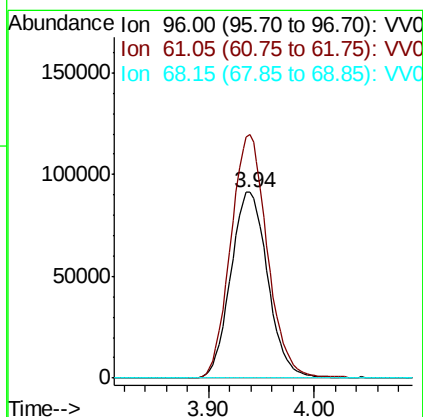
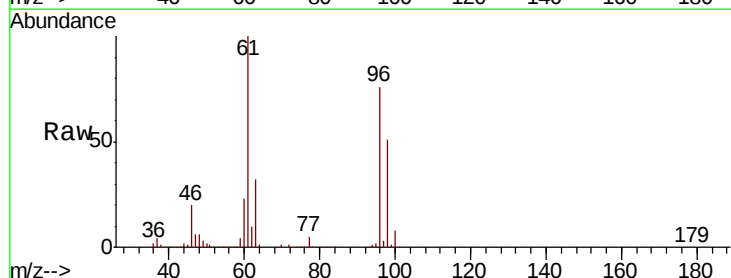
Instrument :
 MSVOA_V
 ClientSampled :

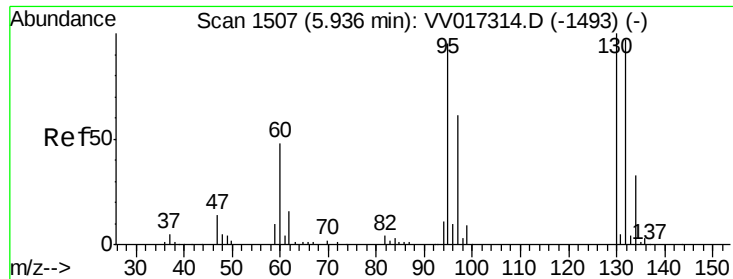
Tot Ion: 96 Resp: 5085
 Ion Ratio Lower Upper
 96 100
 61 134.8 102.3 189.9
 98 55.7 44.7 82.9



#22
 cis-1,2-Dichloroethene
 Concen: 19.630 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017325.D
 Acq: 02 Jul 2020 23:01

Tgt Ion: 96 Resp: 222211
 Ion Ratio Lower Upper
 96 100
 61 131.1 91.0 169.0
 68 0.0 0.0 0.0

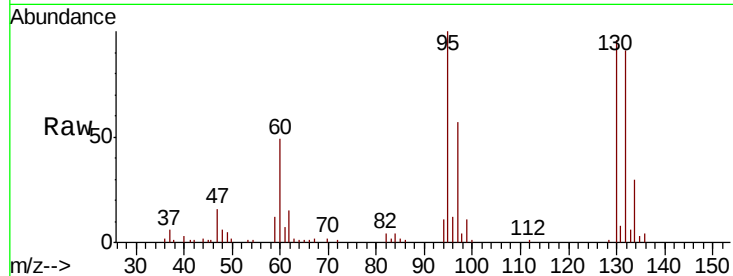




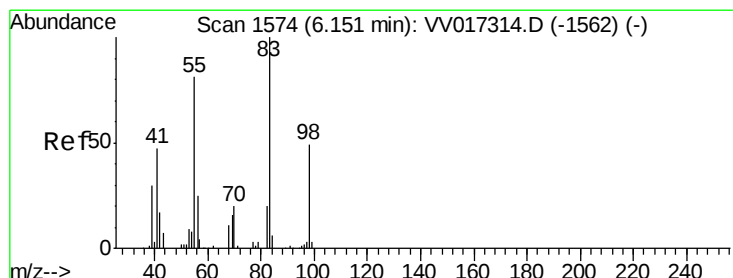
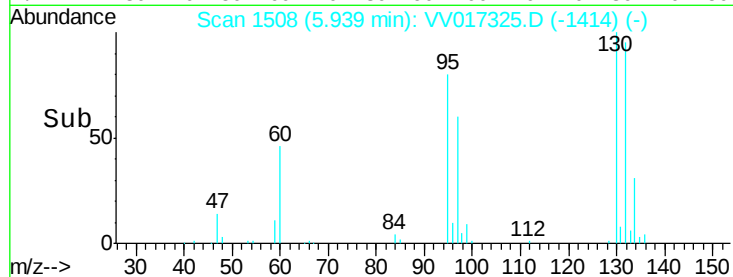
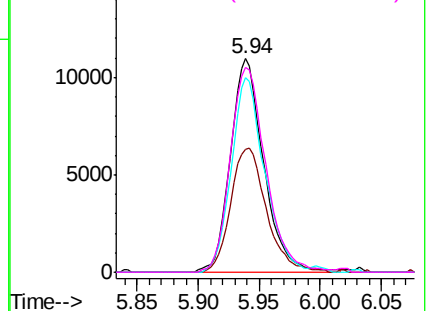
#34
 Trichloroethene
 Concen: 1.733 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017325.D
 Acq: 02 Jul 2020 23:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 20903
 Ion Ratio Lower Upper
 95 100
 97 57.4 45.3 84.1
 132 91.4 68.8 127.8
 130 95.9 70.2 130.4

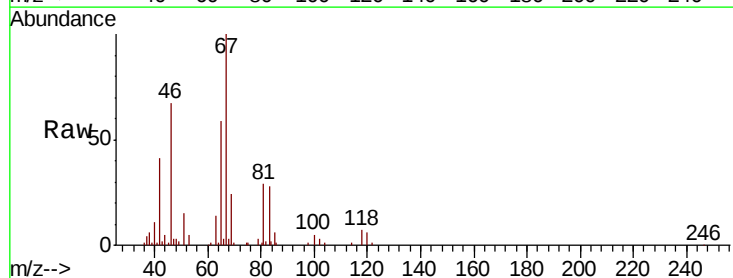


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

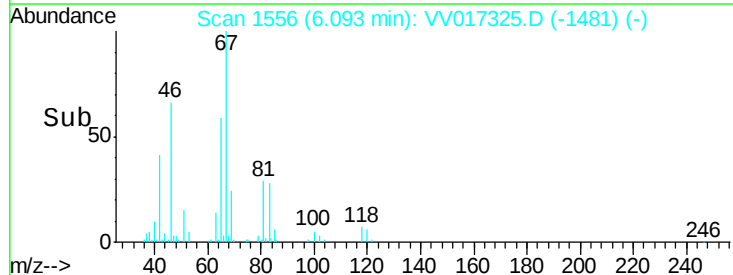
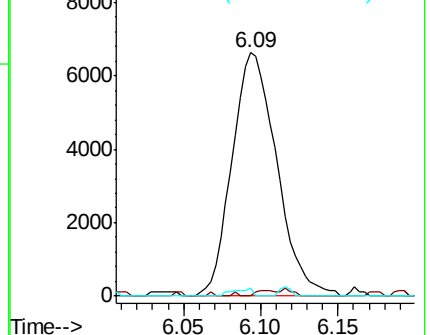


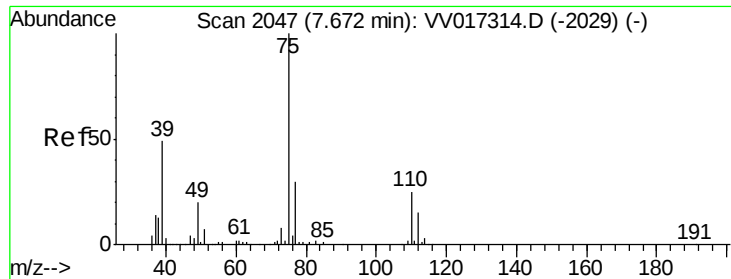
#35
 Methylcyclohexane
 Concen: 0.711 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV017325.D
 Acq: 02 Jul 2020 23:01

Tgt Ion: 83 Resp: 13328
 Ion Ratio Lower Upper
 83 100
 55 1.1 63.6 95.4#
 98 1.3 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#46

trans-1,3-Dichloropropene

Concen: 0.055 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017325.D

Acq: 02 Jul 2020 23:01

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 718

Ion Ratio Lower Upper

75 100

77 71.3 22.3 41.3#

