

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017242.D
 Acq On : 29 Jun 2020 15:39
 Operator : SY/MD
 Sample : L3135-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q58

Quant Time: Jun 30 07:44:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	343809	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	322545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154456	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82967	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.40%
7) Chloroethane-d5	1.58	69	60019	41.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.46%
11) 1,1-Dichloroethene-d2	2.12	63	138377	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
21) 2-Butanone-d5	3.90	46	158234	88.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.13%
24) Chloroform-d	4.38	84	219856	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.06	65	159723	47.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.20%
32) Benzene-d6	5.08	84	404203	43.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.94%
36) 1,2-Dichloropropane-d6	6.09	67	124094	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.64%
41) Toluene-d8	7.34	98	365411	42.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.66%
43) trans-1,3-Dichloropropene-	7.64	79	66275	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.82%
47) 2-Hexanone-d5	8.11	63	103407	81.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	167090	43.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	158020	47.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.88%

Target Compounds

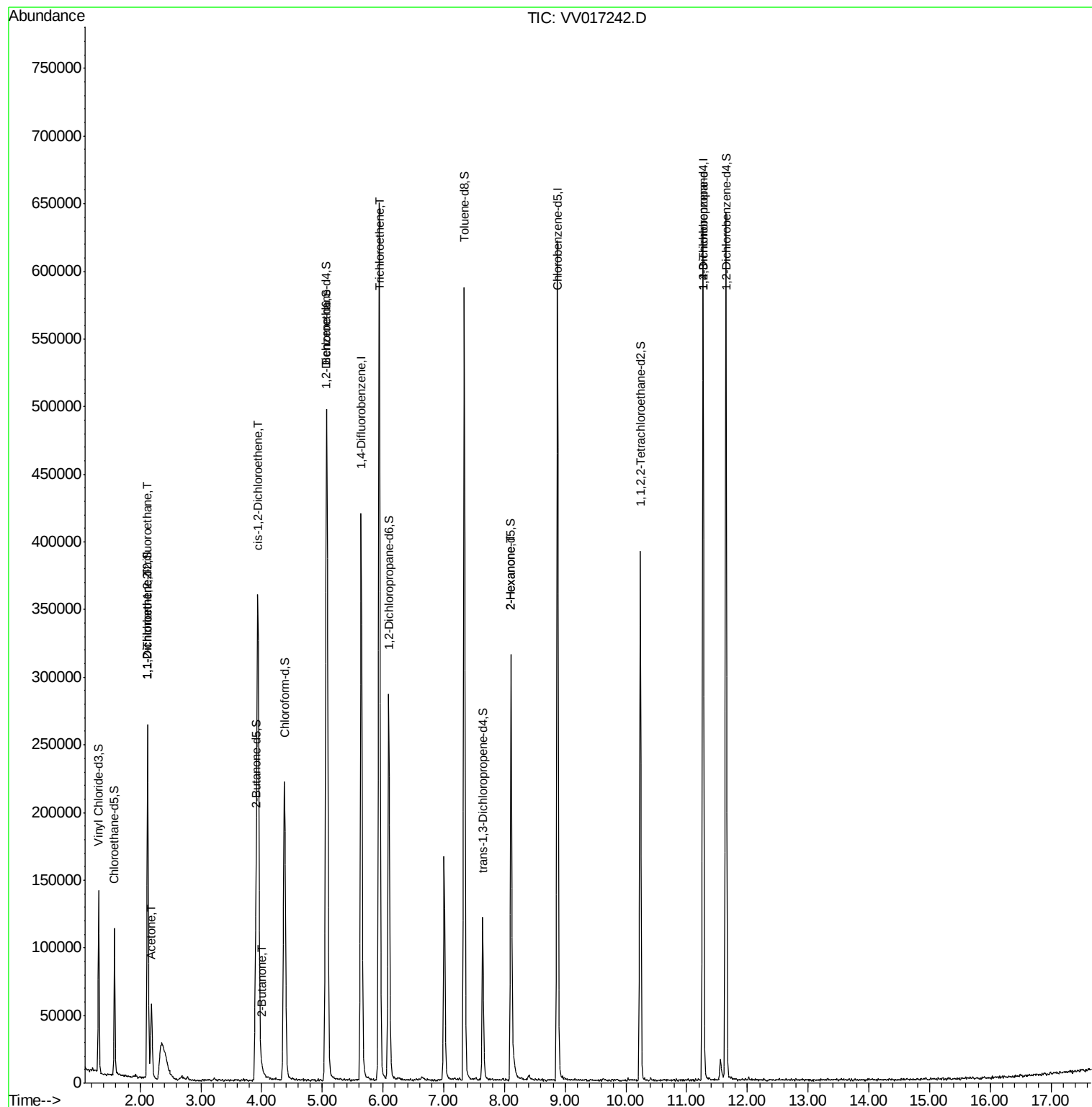
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1338	0.732 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1274	0.747 ug/L #	1
13) Acetone	2.19	43	65951	55.746 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	186886	73.680 ug/L	96
22) 2-Butanone	4.01	43	6144	3.368 ug/L	81
34) Trichloroethene	5.94	95	214451	83.788 ug/L	98
48) 2-Hexanone	8.11	43	12952	4.750 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	17178	5.579 ug/L	90

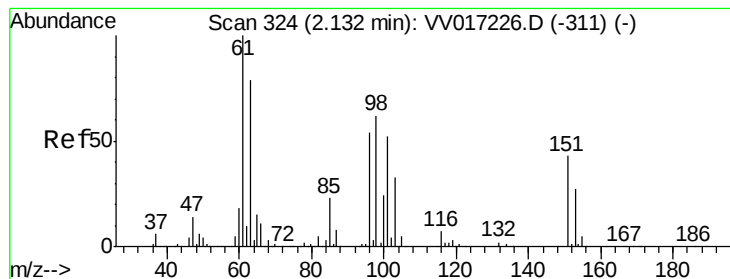
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.732 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

F9Q58

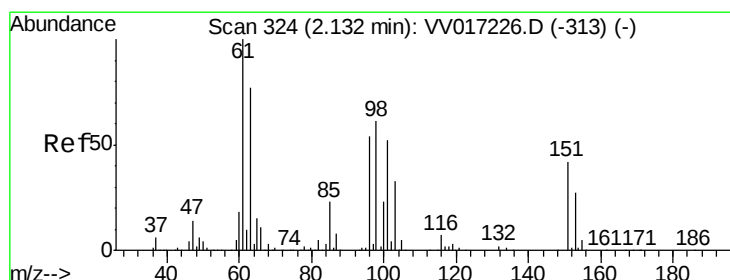
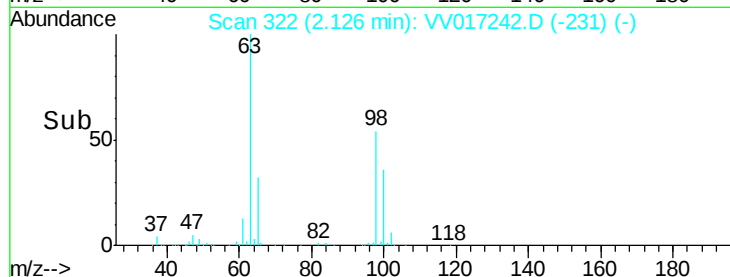
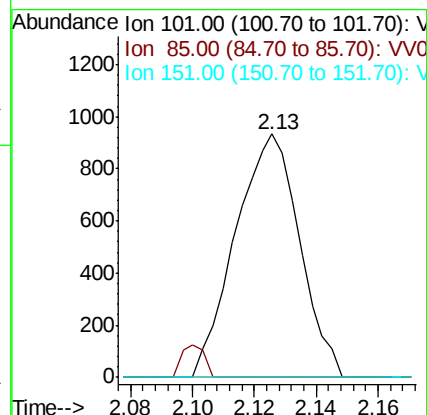
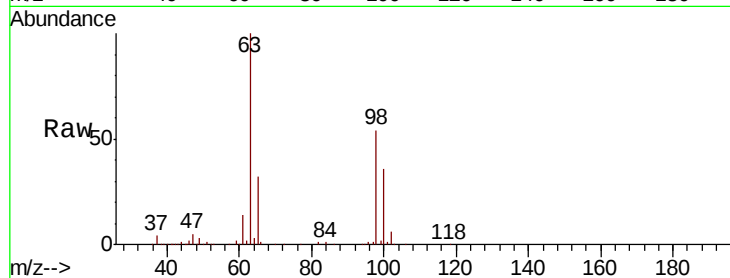
Tot Ion:101 Resp: 1338

Ion Ratio Lower Upper

101 100

85 4.9 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 0.747 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

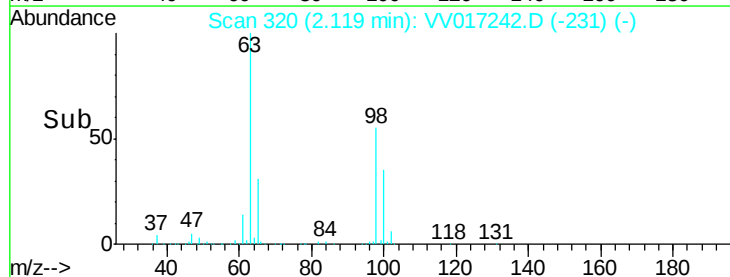
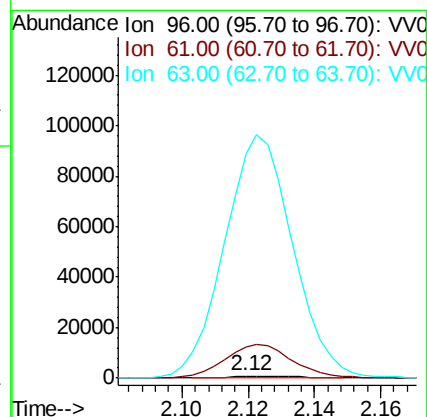
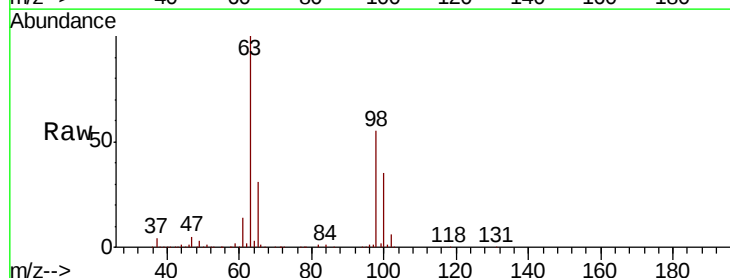
Tgt Ion: 96 Resp: 1274

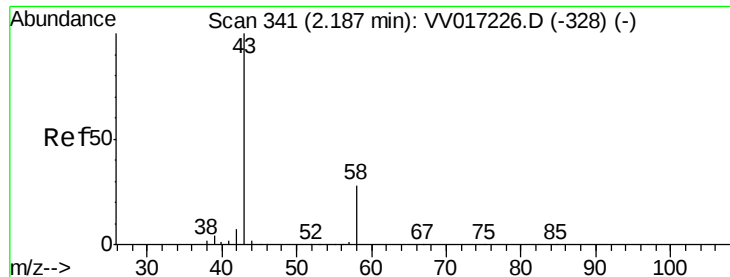
Ion Ratio Lower Upper

96 100

61 1556.5 130.4 242.2#

63 11328.6 103.3 191.9#





#13

Acetone

Concen: 55.746 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

Instrument :

MSVOA_V

ClientSampleId :

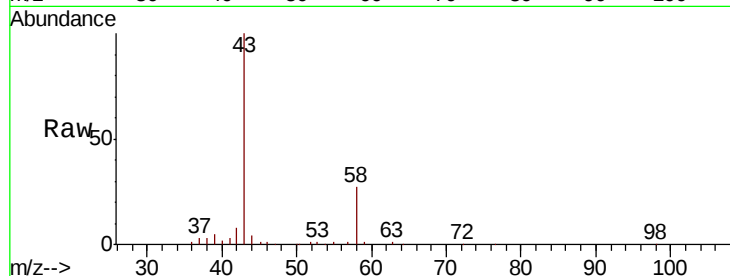
F9Q58

Tot Ion: 43 Resp: 65951

Ion Ratio Lower Upper

43 100

58 27.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

40000

30000

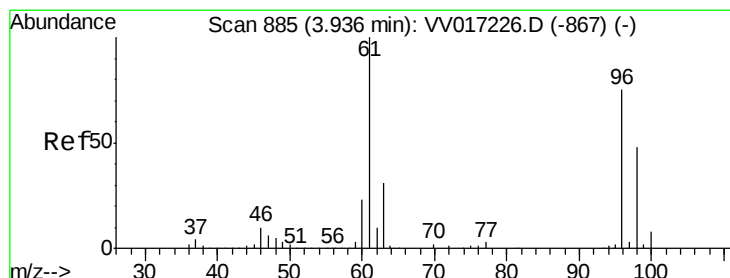
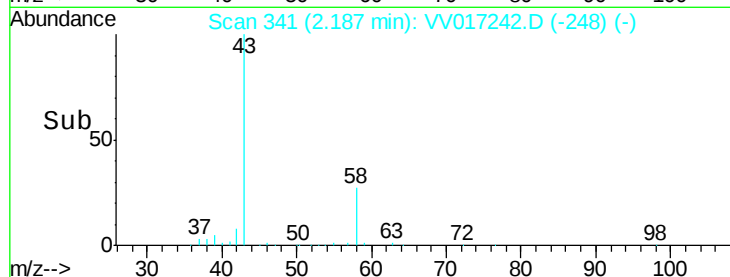
20000

10000

0

Time-->

2.10 2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 73.680 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

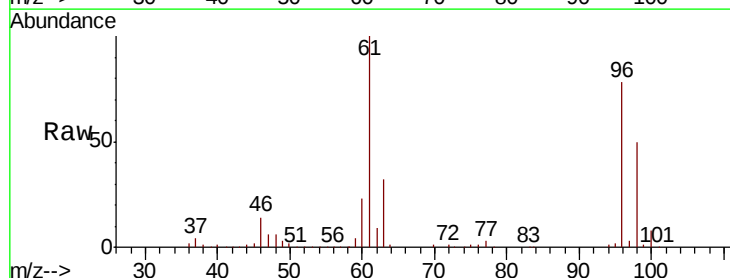
Tgt Ion: 96 Resp: 186886

Ion Ratio Lower Upper

96 100

61 128.6 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

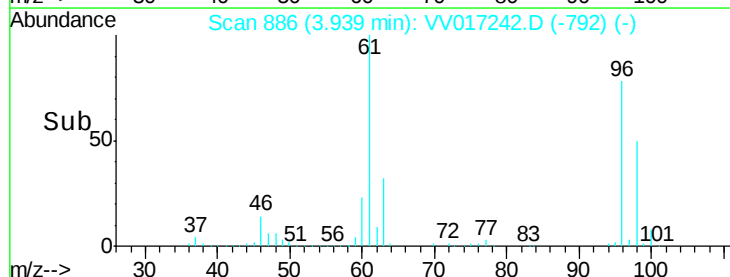
100000

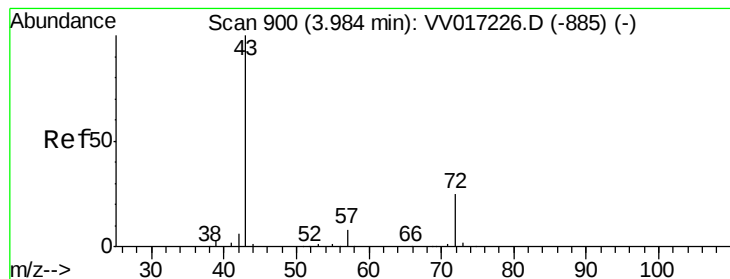
50000

0

Time-->

3.85 3.90 3.95 4.00





#22

2-Butanone

Concen: 3.368 ug/L

RT: 4.01 min Scan# 907

Delta R.T. 0.02 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

Instrument :

MSVOA_V

ClientSampled :

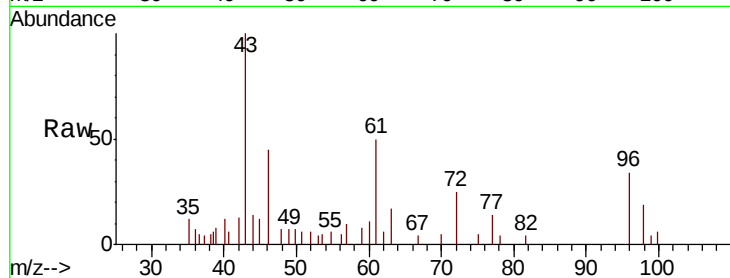
F9Q58

Tot Ion: 43 Resp: 6144

Ion Ratio Lower Upper

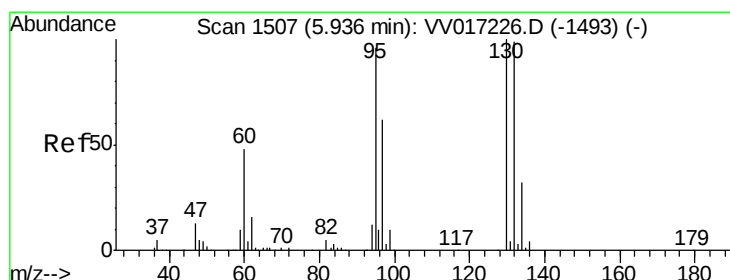
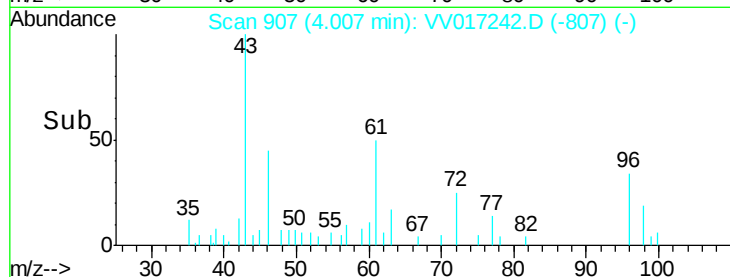
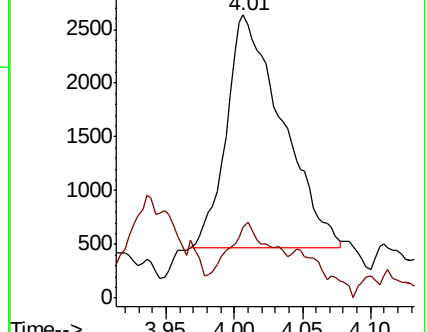
43 100

72 15.3 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV017242.D (-807) (-)

Ion 72.00 (71.70 to 72.70): VV017242.D (-807) (-)



#34

Trichloroethene

Concen: 83.788 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017242.D

Acq: 29 Jun 2020 15:39

Tgt Ion: 95 Resp: 214451

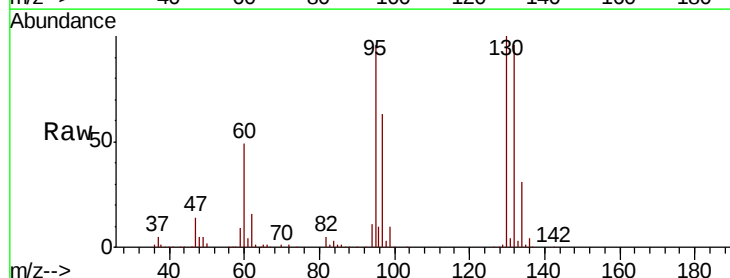
Ion Ratio Lower Upper

95 100

97 65.7 44.3 82.3

132 100.1 67.9 126.1

130 104.4 72.2 134.2

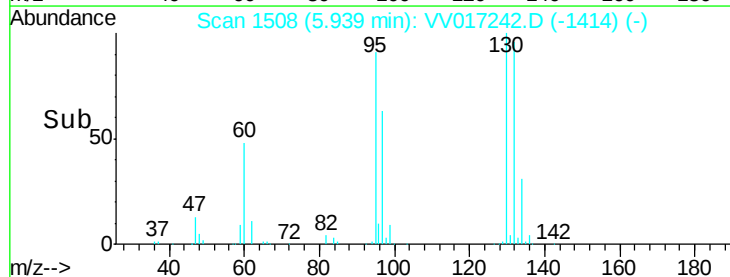
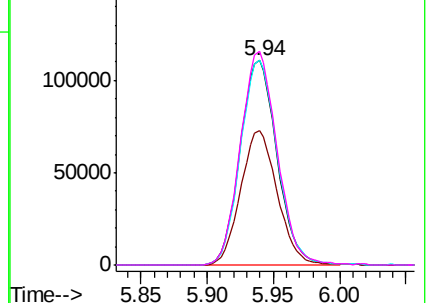


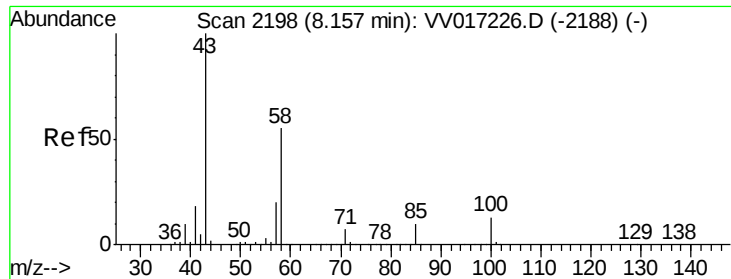
Abundance Ion 95.00 (94.70 to 95.70): VV017242.D (-1414) (-)

Ion 97.00 (96.70 to 97.70): VV017242.D (-1414) (-)

Ion 132.00 (131.70 to 132.70): VV017242.D (-1414) (-)

Ion 130.00 (129.70 to 130.70): VV017242.D (-1414) (-)

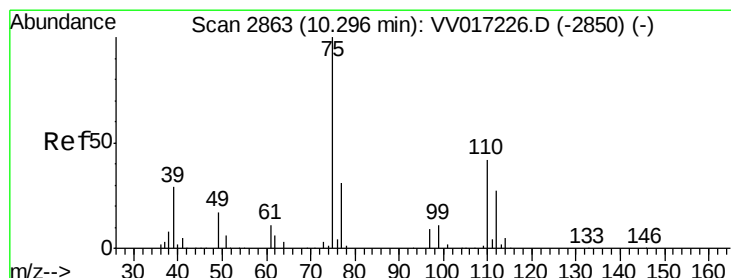
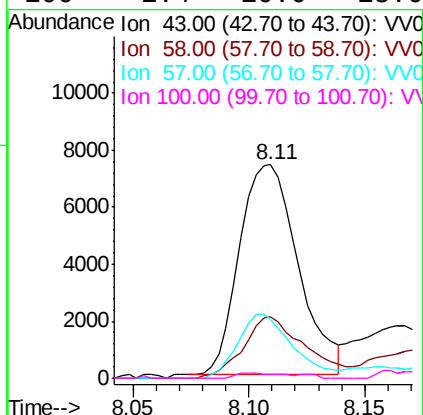
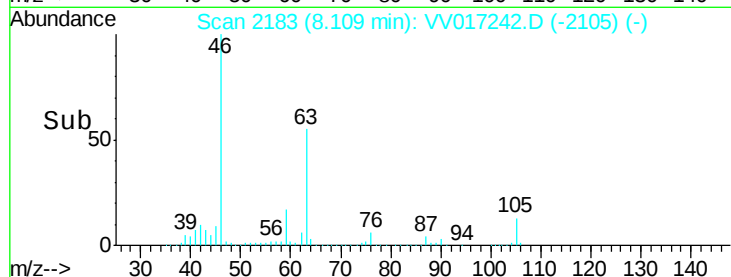
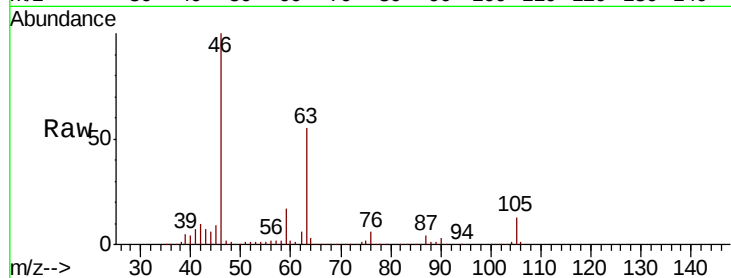




#48
2-Hexanone
Concen: 4.750 ug/L
RT: 8.11 min Scan# 2183
Delta R.T. -0.05 min
Lab File: VV017242.D
Acq: 29 Jun 2020 15:39

Instrument :
MSVOA_V
ClientSampleId :
F9Q58

Tot Ion: 43 Resp: 12952
Ion Ratio Lower Upper
43 100
58 31.2 43.1 64.7#
57 28.5 15.3 22.9#
100 1.4 10.0 15.0#



#59
1,2,3-Trichloropropane
Concen: 5.579 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV017242.D
Acq: 29 Jun 2020 15:39

Tgt Ion: 75 Resp: 17178
Ion Ratio Lower Upper
75 100
77 38.3 26.1 39.1

