

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018258.D
 Acq On : 17 Sep 2020 00:27
 Operator : SY/MD
 Sample : L4042-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 05:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 05:33:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	285816	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	283252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136463	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92178	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.14%
7) Chloroethane-d5	1.58	69	77152	40.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.96%
11) 1,1-Dichloroethene-d2	2.12	63	137348	32.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.30%
21) 2-Butanone-d5	3.92	46	117226	82.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.22%
24) Chloroform-d	4.38	84	165865	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.08%
26) 1,2-Dichloroethane-d4	5.06	65	110148	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.04%
32) Benzene-d6	5.08	84	330761	40.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.58%
36) 1,2-Dichloropropane-d6	6.09	67	107150	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.18%
41) Toluene-d8	7.34	98	297163	40.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.42%
43) trans-1,3-Dichloropropene-	7.64	79	49825	38.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.12%
47) 2-Hexanone-d5	8.11	63	85079	87.18	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139759	43.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.44%
64) 1,2-Dichlorobenzene-d4	11.65	152	125659	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%

Target Compounds

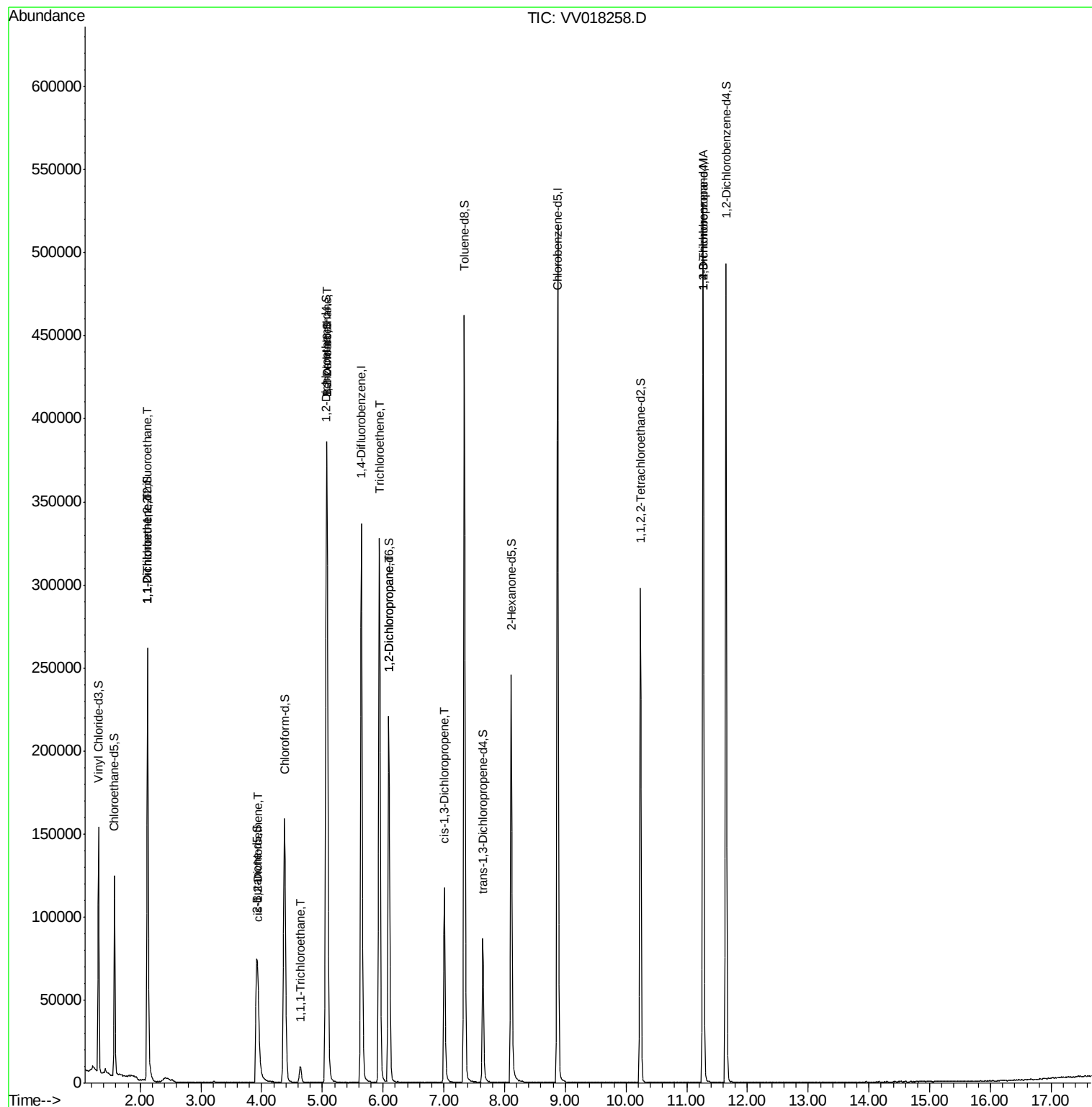
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1350	0.700 ug/L #	19
12) 1,1-Dichloroethene	2.13	96	8429	4.491 ug/L #	1
20) cis-1,2-Dichloroethene	3.94	96	10362	5.012 ug/L	99
27) 1,2-Dichloroethane	5.08	62	1899	0.660 ug/L #	74
30) 1,1,1-Trichloroethane	4.64	97	8138	2.476 ug/L	98
34) Trichloroethene	5.94	95	114660	51.973 ug/L	99
37) 1,2-Dichloropropane	6.09	63	11367	5.297 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2909	0.880 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	15530	6.153 ug/L	93

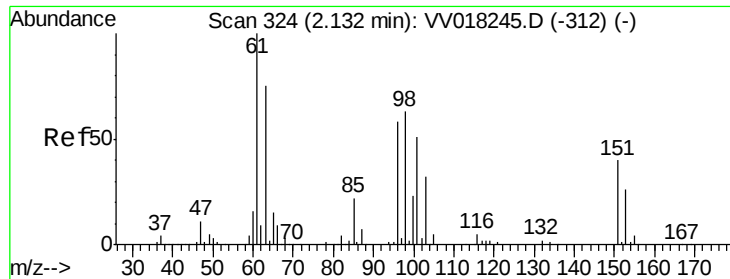
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 17 05:33:55 2020
Response via : Initial Calibration





#10

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

Concen: 0.700 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018258.D

Acq: 17 Sep 2020 00:27

Instrument :

MSVOA_V

ClientSampled :

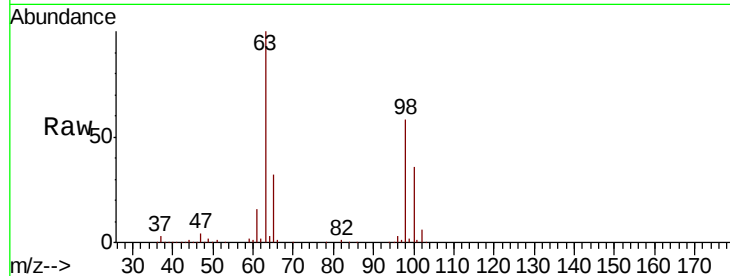
Tot Ion:101 Resp: 1350

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

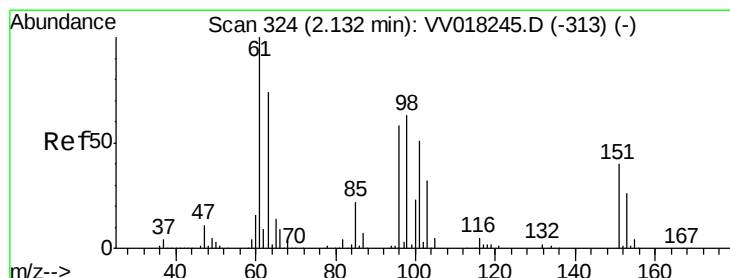
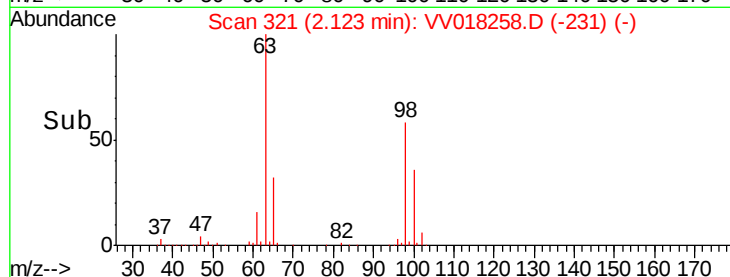
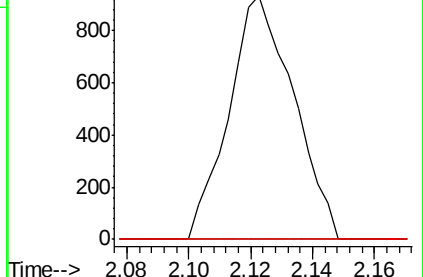
151 0.0 62.2 93.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.491 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018258.D

Acq: 17 Sep 2020 00:27

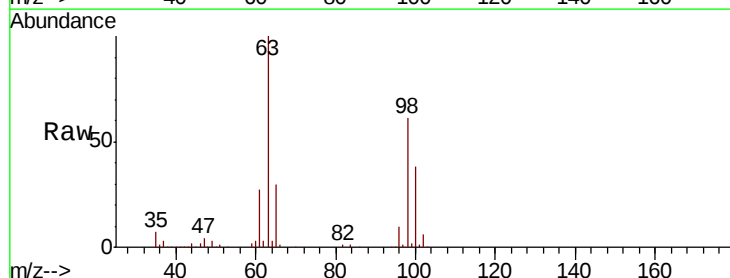
Tgt Ion: 96 Resp: 8429

Ion Ratio Lower Upper

96 100

61 264.9 122.9 228.3#

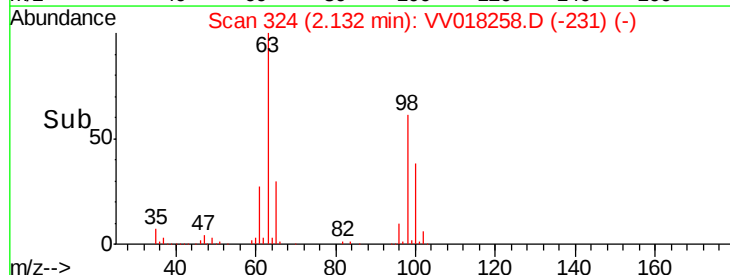
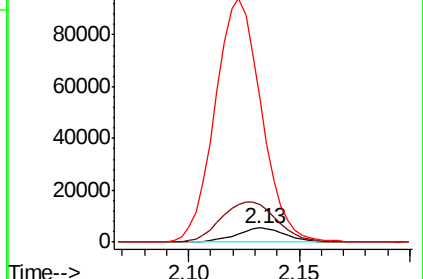
63 998.5 91.9 170.7#

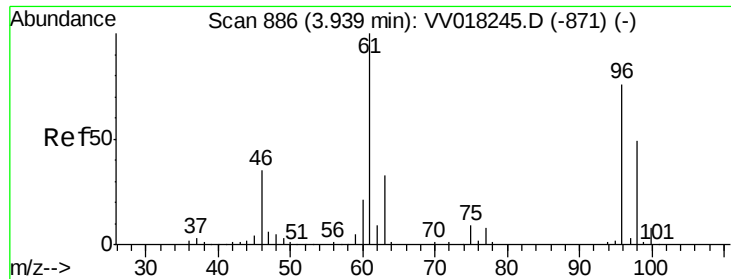


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

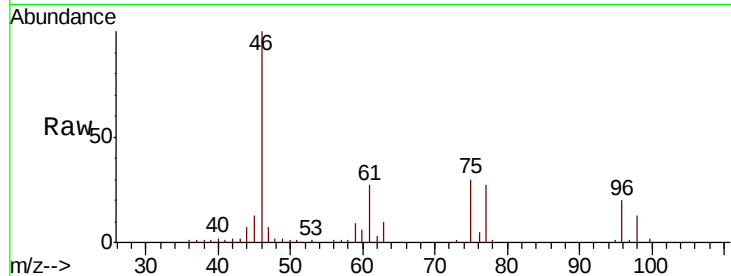




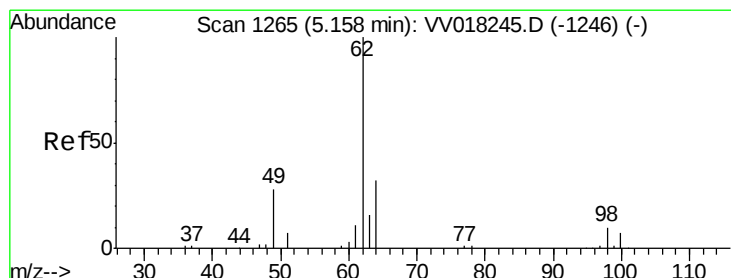
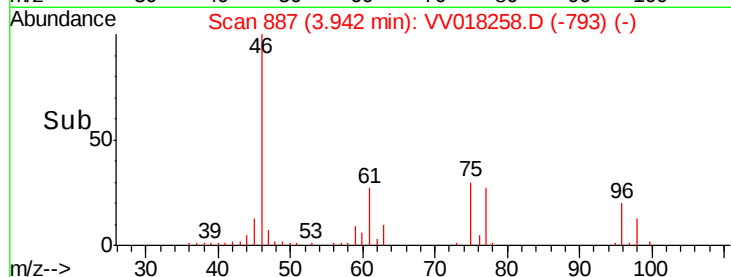
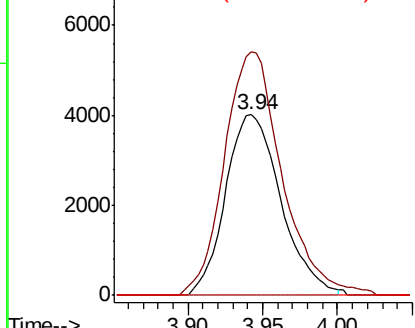
#20
 cis-1,2-Dichloroethene
 Concen: 5.012 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV018258.D
 Acq: 17 Sep 2020 00:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 96 Resp: 10362
 Ion Ratio Lower Upper
 96 100
 61 134.7 93.6 173.8
 68 0.0 0.0 0.0

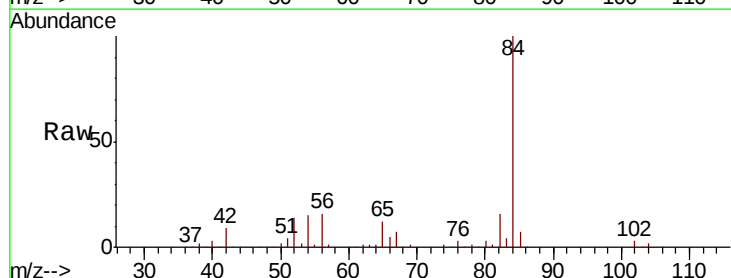


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

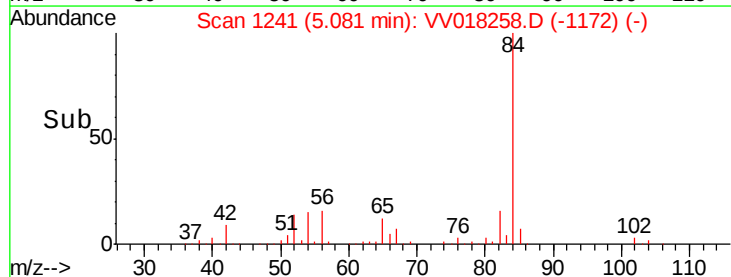
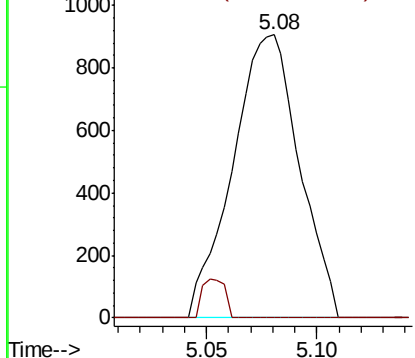


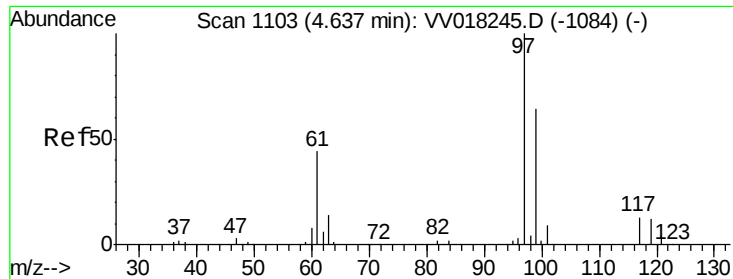
#27
 1,2-Dichloroethane
 Concen: 0.660 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV018258.D
 Acq: 17 Sep 2020 00:27

Tgt Ion: 62 Resp: 1899
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0

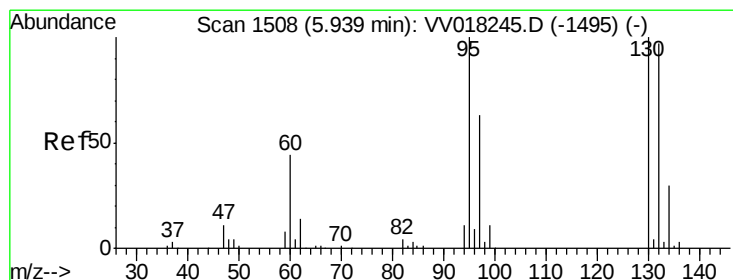
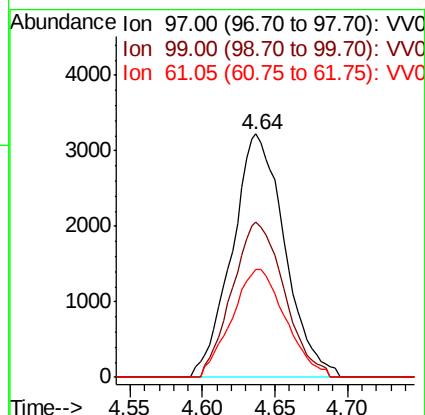
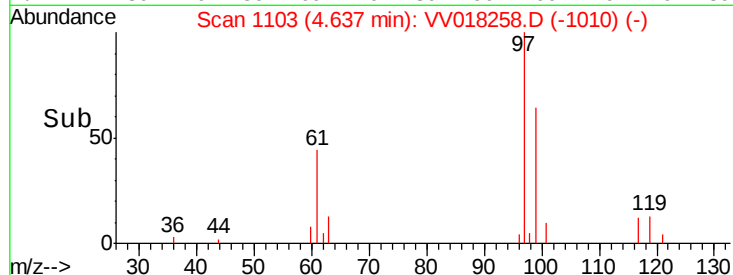
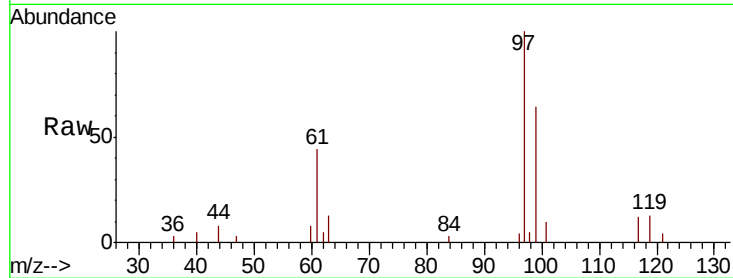




#30
 1,1,1-Trichloroethane
 Concen: 2.476 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VV018258.D
 Acq: 17 Sep 2020 00:27

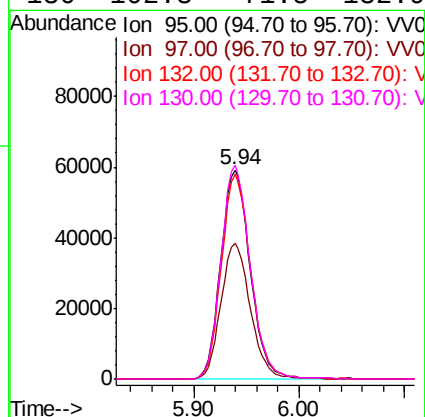
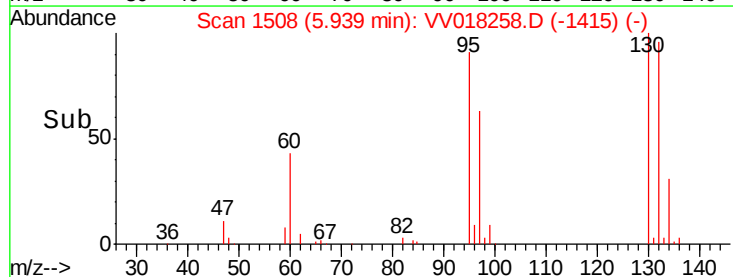
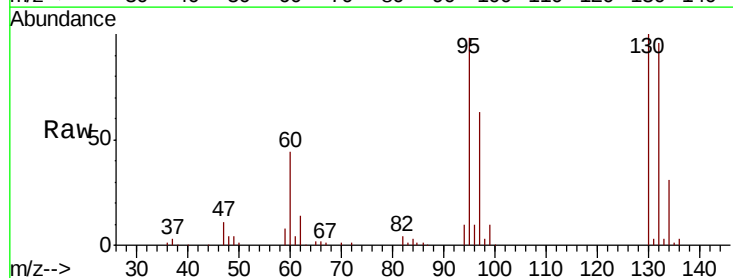
Instrument :
 MSVOA_V
 ClientSampleId :

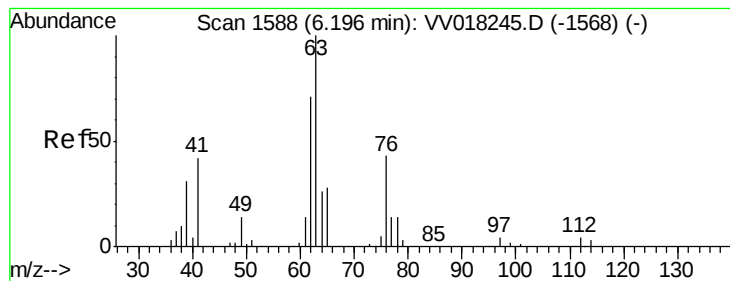
Tot Ion: 97 Resp: 8138
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.6 77.4
 61 45.2 34.9 52.3



#34
 Trichloroethene
 Concen: 51.973 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: VV018258.D
 Acq: 17 Sep 2020 00:27

Tgt Ion: 95 Resp: 114660
 Ion Ratio Lower Upper
 95 100
 97 64.9 46.3 85.9
 132 98.0 68.1 126.5
 130 102.3 71.5 132.9





#37

1,2-Dichloropropane

Concen: 5.297 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018258.D

Acq: 17 Sep 2020 00:27

Instrument :

MSVOA_V

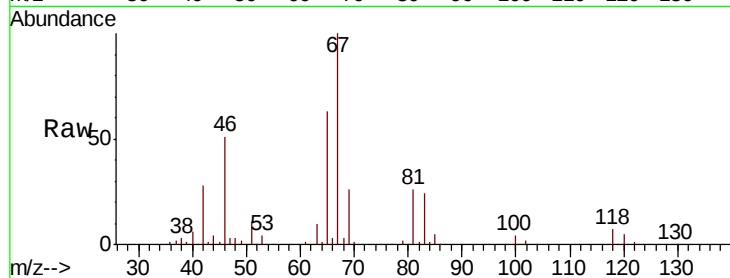
ClientSampleId :

Tot Ion: 63 Resp: 11367

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV018245.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018245.D (-1568) (-)

6000

5000

4000

3000

2000

1000

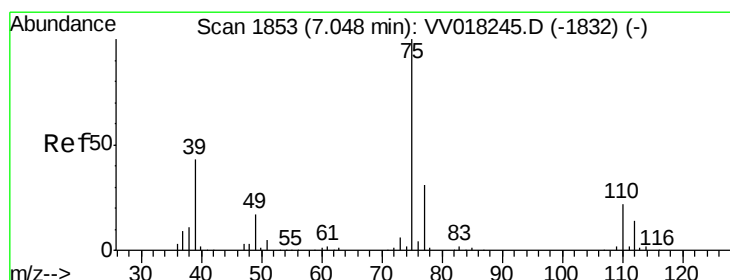
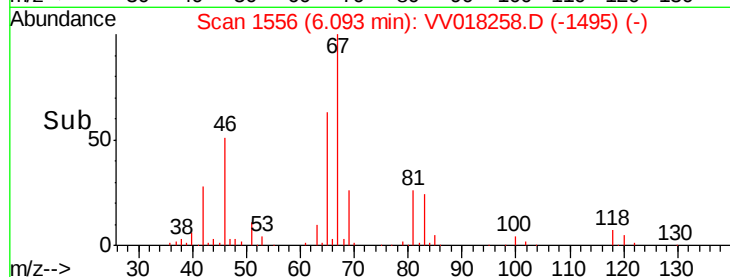
0

6.05

6.10

6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018258.D

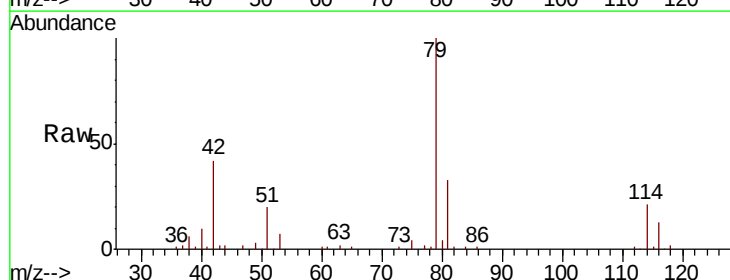
Acq: 17 Sep 2020 00:27

Tgt Ion: 75 Resp: 2909

Ion Ratio Lower Upper

75 100

77 48.2 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV018245.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV018245.D (-1832) (-)

1500

1000

500

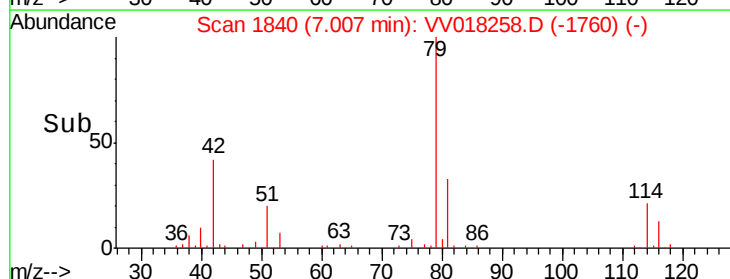
0

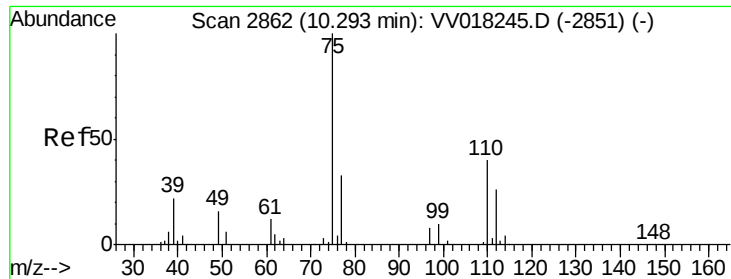
6.95

7.00

7.05

Time-->





#59

1,2,3-Trichloropropane

Concen: 6.153 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018258.D

Acq: 17 Sep 2020 00:27

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 15530

Ion Ratio Lower Upper

75 100

77 36.1 25.8 38.6

