

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
 Data File : VV018492.D
 Acq On : 28 Sep 2020 14:34
 Operator : SY/MD
 Sample : L4117-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9

Quant Time: Sep 29 00:52:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 00:50:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	255921	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	244584	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120183	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123418	59.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.34%
7) Chloroethane-d5	1.58	69	103405	60.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.18%
11) 1,1-Dichloroethene-d2	2.12	63	174409	45.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.18%
21) 2-Butanone-d5	3.92	46	171094	134.02	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	134.02%#
24) Chloroform-d	4.38	84	222443	61.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.94%
26) 1,2-Dichloroethane-d4	5.06	65	147099	63.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	126.82%#
32) Benzene-d6	5.08	84	458506	65.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.96%#
36) 1,2-Dichloropropane-d6	6.09	67	146658	65.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	131.84%#
41) Toluene-d8	7.34	98	410116	64.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.54%#
43) trans-1,3-Dichloropropene-	7.64	79	71958	63.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	127.30%#
47) 2-Hexanone-d5	8.11	63	104089	123.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179358	64.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.46%#
64) 1,2-Dichlorobenzene-d4	11.65	152	172343	69.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	139.64%#

Target Compounds

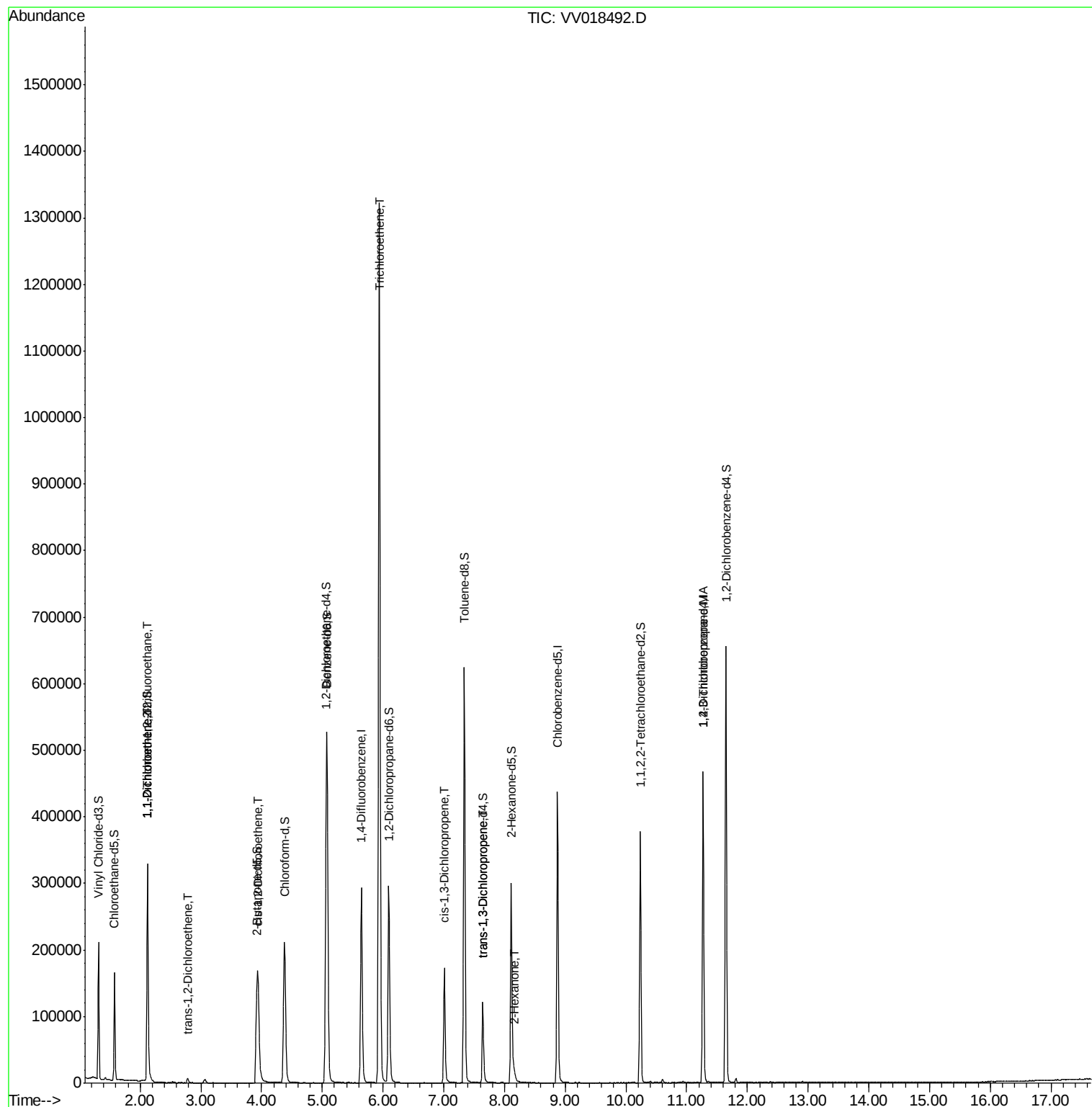
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1544	0.894 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1969	1.172 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2179	1.258 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	64926	35.072 ug/L	94
34) Trichloroethene	5.94	95	464851	244.022 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	3721	1.303 ug/L #	57
44) trans-1,3-Dichloropropene	7.64	75	2649	0.953 ug/L	87
48) 2-Hexanone	8.17	43	7878	4.445 ug/L #	93
59) 1,2,3-Trichloropropane	11.27	75	13276	6.091 ug/L	90

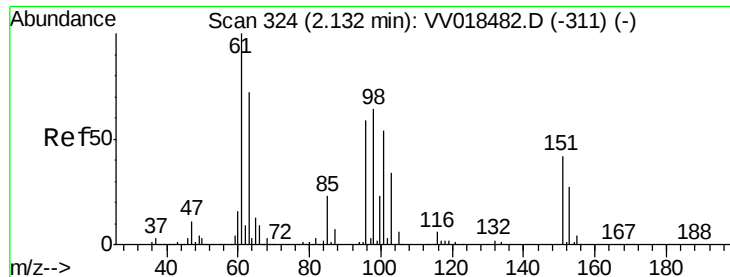
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018492.D
Acq On : 28 Sep 2020 14:34
Operator : SY/MD
Sample : L4117-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AA9

Quant Time: Sep 29 00:52:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 00:50:40 2020
Response via : Initial Calibration





#10

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

Concen: 0.894 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

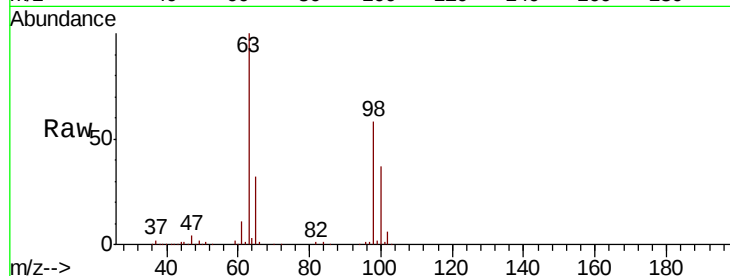
Tot Ion:101 Resp: 1544

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

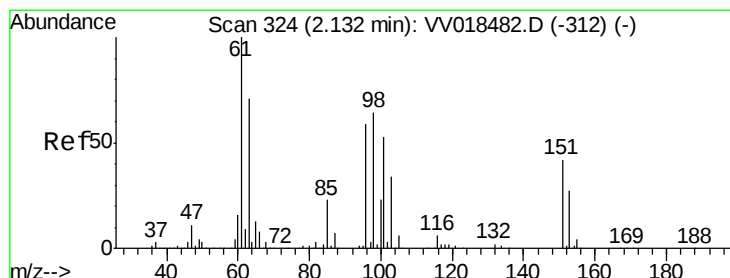
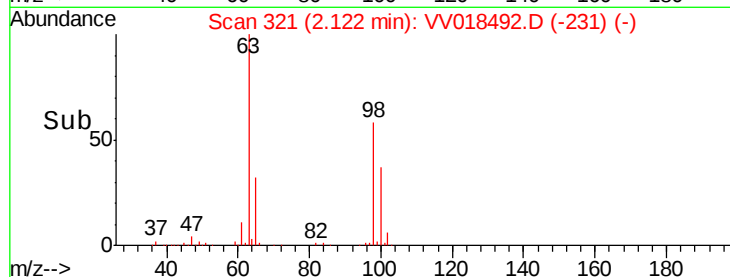
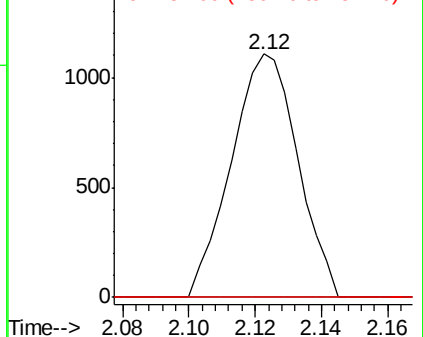
151 0.0 62.2 93.2#



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: 1.172 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

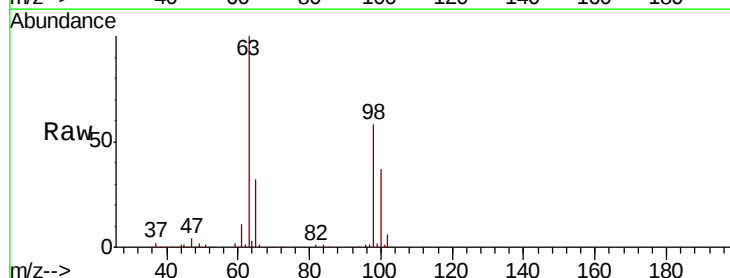
Tgt Ion: 96 Resp: 1969

Ion Ratio Lower Upper

96 100

61 1169.1 122.9 228.3#

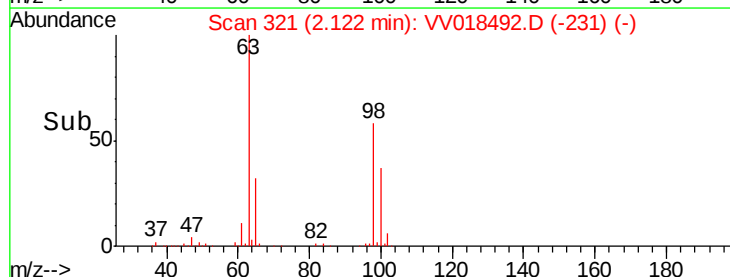
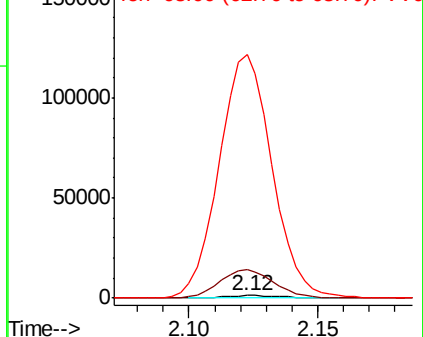
63 10183.6 91.9 170.7#

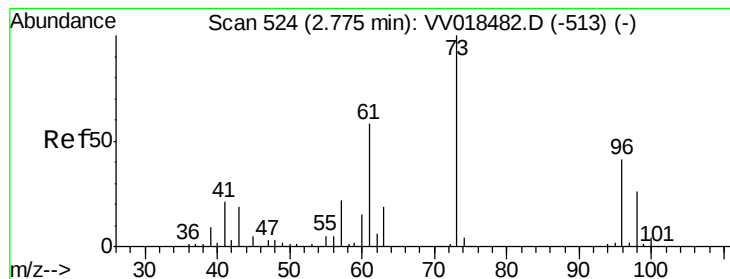


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 1.258 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

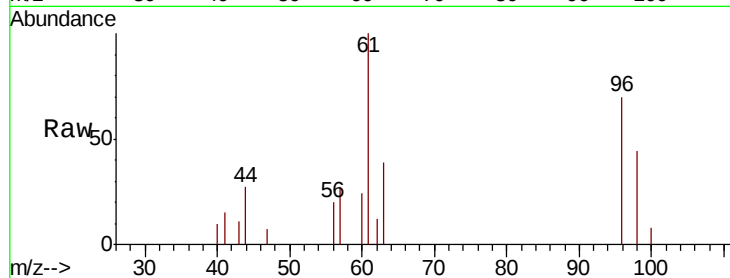
Tot Ion: 96 Resp: 2179

Ion Ratio Lower Upper

96 100

61 143.6 100.7 186.9

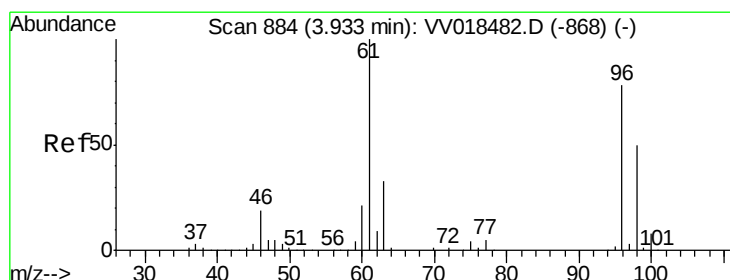
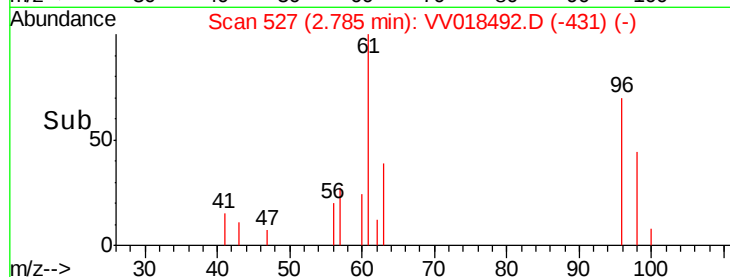
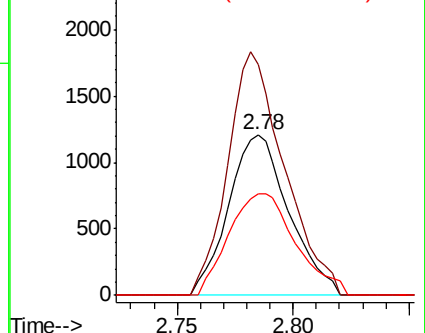
98 62.8 45.2 84.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 35.072 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

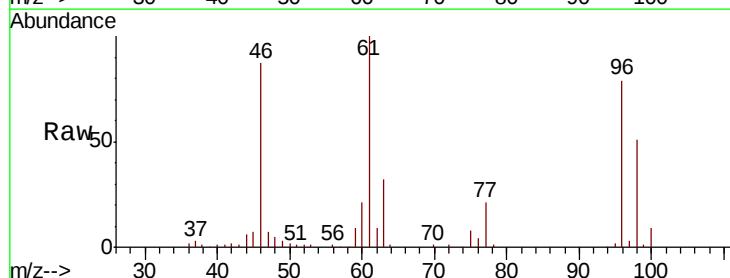
Tgt Ion: 96 Resp: 64926

Ion Ratio Lower Upper

96 100

61 126.9 93.6 173.8

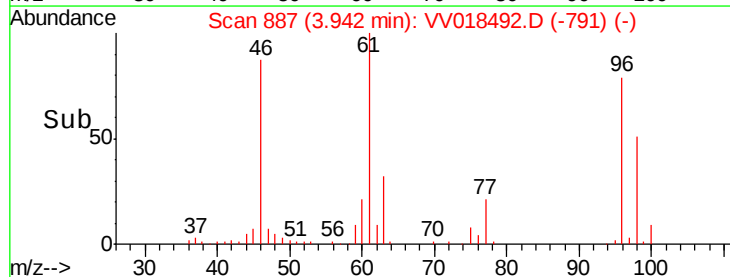
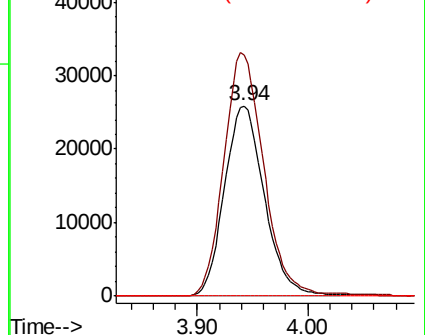
68 0.0 0.0 0.0

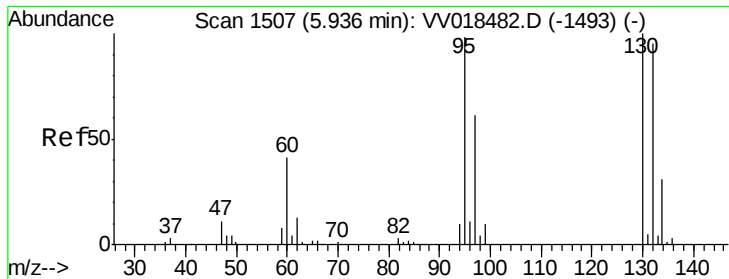


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 244.022 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

Tot Ion: 95 Resp: 464851

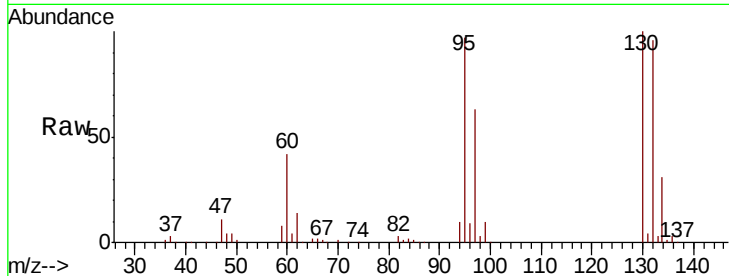
Ion Ratio Lower Upper

95 100

97 64.8 46.3 85.9

132 98.3 68.1 126.5

130 102.6 71.5 132.9

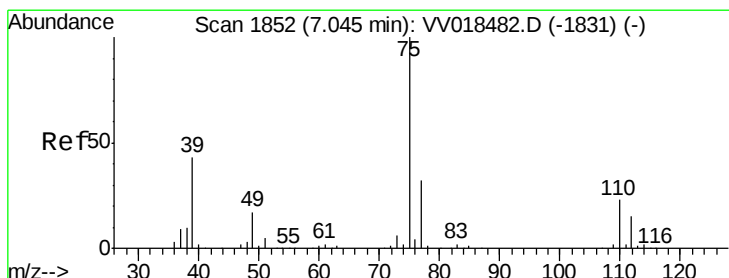
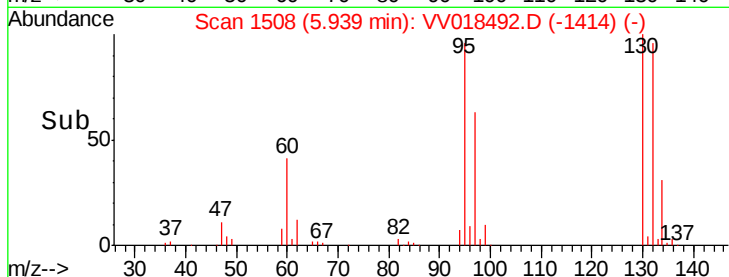
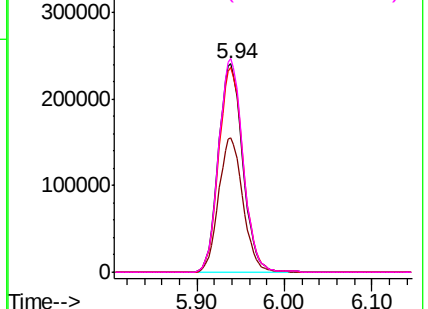


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.303 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018492.D

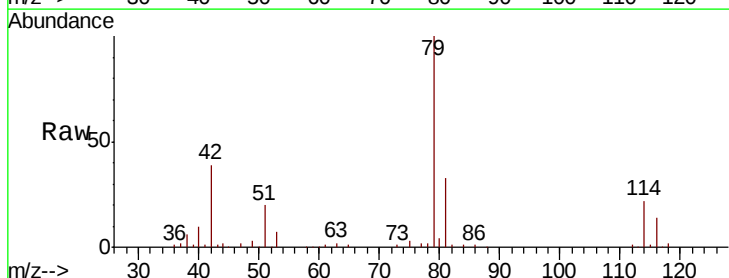
Acq: 28 Sep 2020 14:34

Tgt Ion: 75 Resp: 3721

Ion Ratio Lower Upper

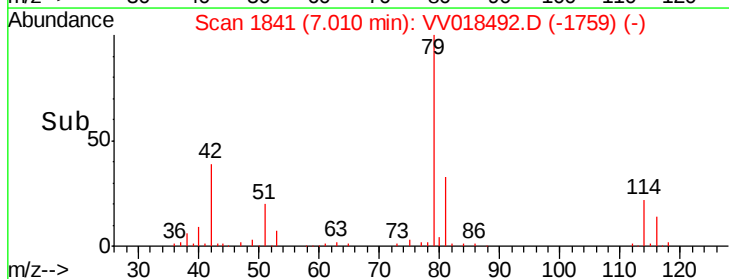
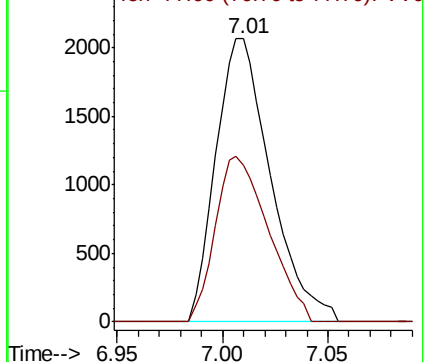
75 100

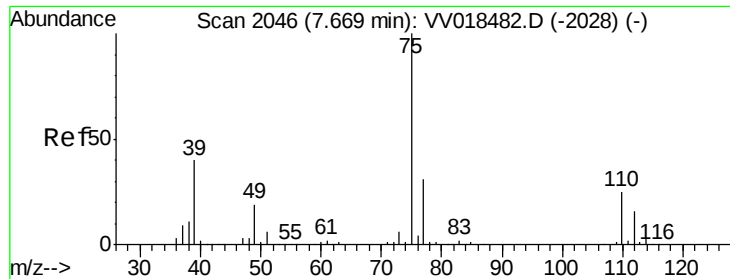
77 55.5 22.3 41.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.953 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Instrument :

MSVOA_V

ClientSampleId :

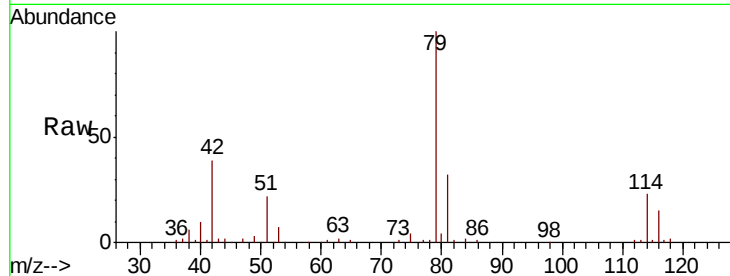
E0AA9

Tot Ion: 75 Resp: 2649

Ion Ratio Lower Upper

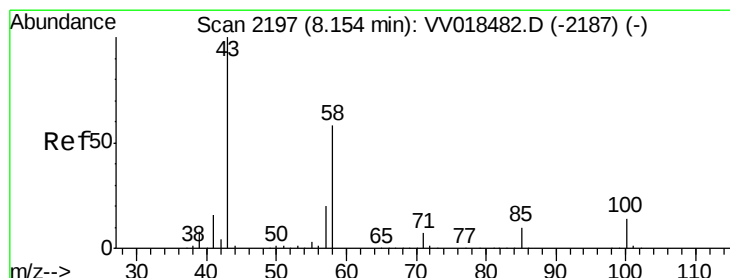
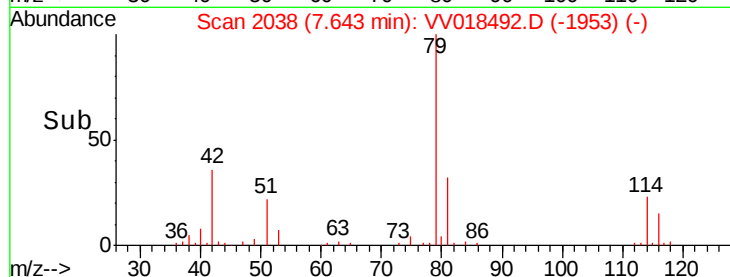
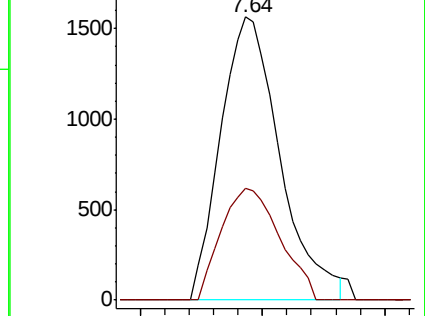
75 100

77 39.3 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 4.445 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Tgt Ion: 43 Resp: 7878

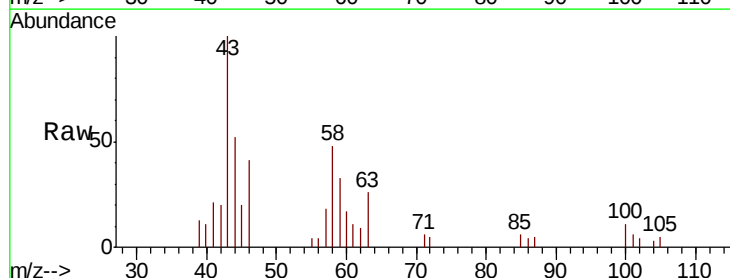
Ion Ratio Lower Upper

43 100

58 52.5 44.8 67.2

57 14.3 15.8 23.6#

100 9.7 10.2 15.4#

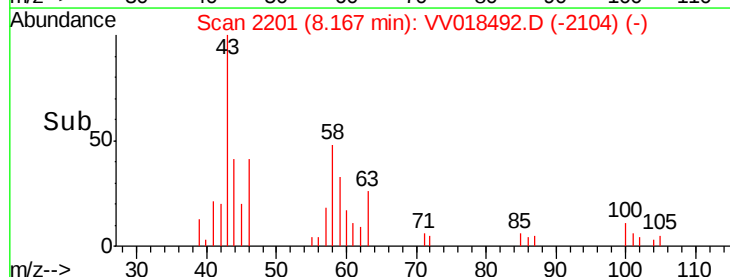
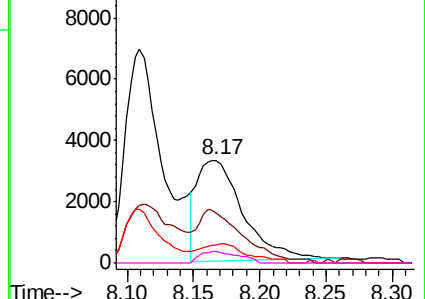


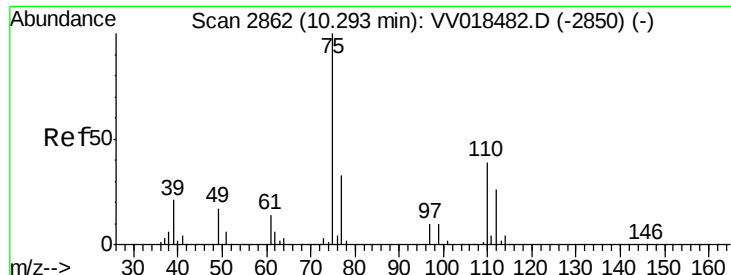
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#59

1,2,3-Trichloropropane

Concen: 6.091 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018492.D

Acq: 28 Sep 2020 14:34

Instrument :

MSVOA_V

ClientSampleId :

E0AA9

Tot Ion: 75 Resp: 13276

Ion Ratio Lower Upper

75 100

77 37.7 25.8 38.6

