

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018860.D
 Acq On : 12 Oct 2020 16:42
 Operator : SY/MD
 Sample : L4287-09DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6DL

Quant Time: Oct 13 01:11:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 13 01:02:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	319495	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	311434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147333	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	136365	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.94%
7) Chloroethane-d5	1.58	69	109594	46.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.12	63	197174	35.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.46%
21) 2-Butanone-d5	3.90	46	169155	94.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.90%
24) Chloroform-d	4.37	84	227240	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.74%
26) 1,2-Dichloroethane-d4	5.05	65	156982	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
32) Benzene-d6	5.07	84	445184	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.09	67	150892	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.34%
41) Toluene-d8	7.34	98	385769	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.64	79	66578	41.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.36%
47) 2-Hexanone-d5	8.11	63	94682	82.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.66%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149922	39.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	155867	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

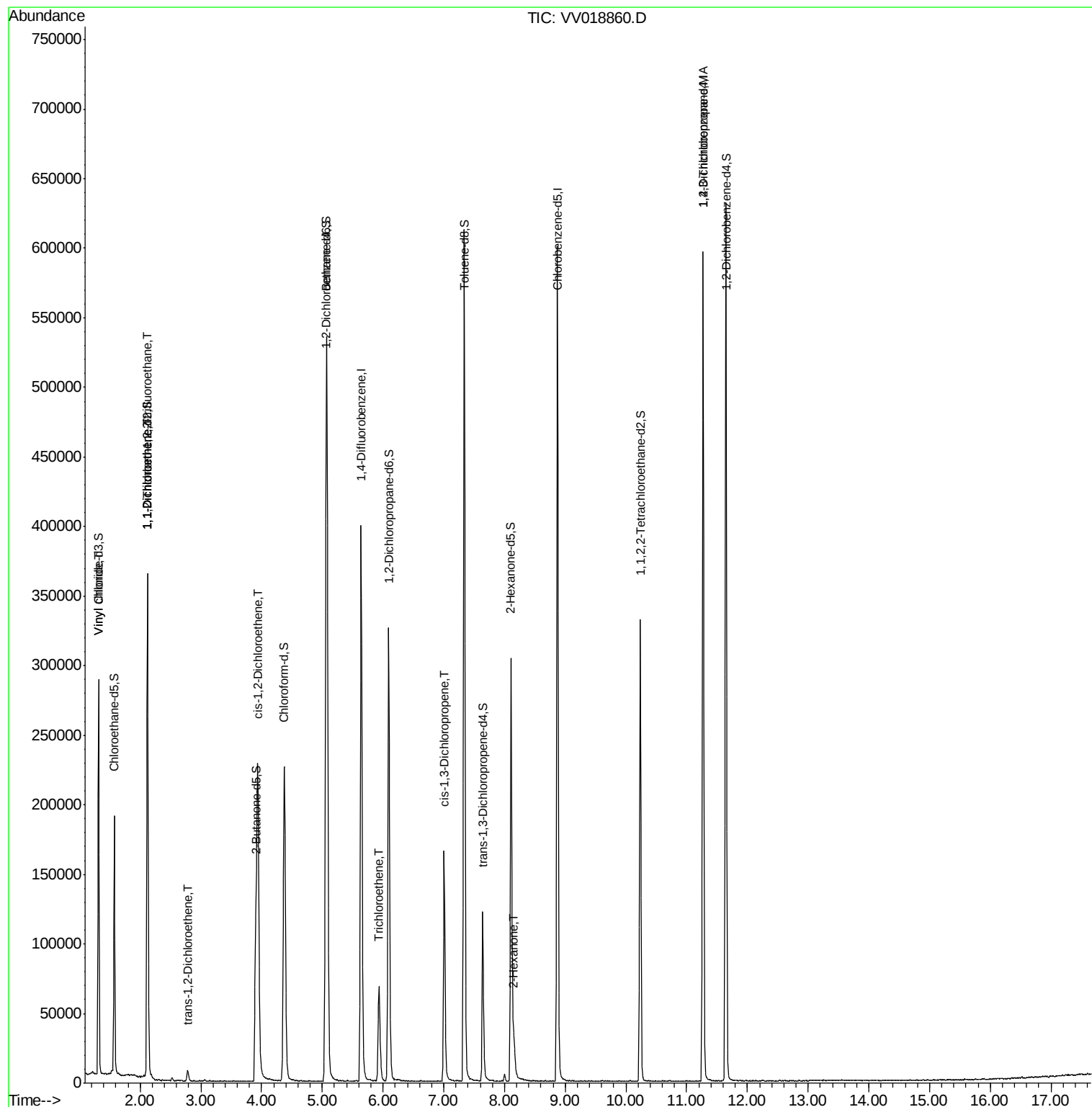
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	38430	13.623	ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1691	0.736	ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1890	0.855	ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2862	1.226	ug/L	89
20) cis-1,2-Dichloroethene	3.94	96	109683	44.465	ug/L	100
34) Trichloroethene	5.94	95	13969	4.912	ug/L	94
39) cis-1,3-Dichloropropene	7.01	75	4070	1.062	ug/L #	64
48) 2-Hexanone	8.16	43	14622	5.252	ug/L #	87
59) 1,2,3-Trichloropropane	11.27	75	17820	5.518	ug/L	91

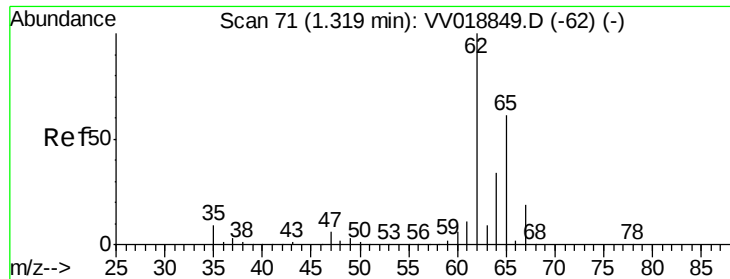
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 13 01:02:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 13.623 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

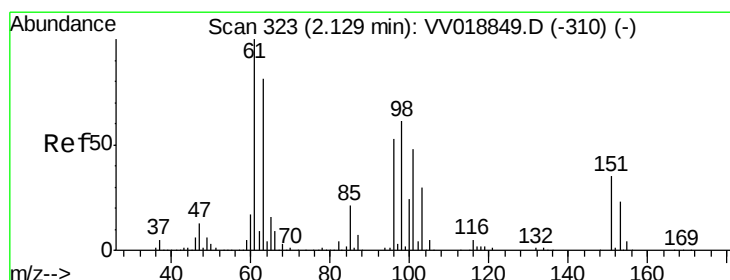
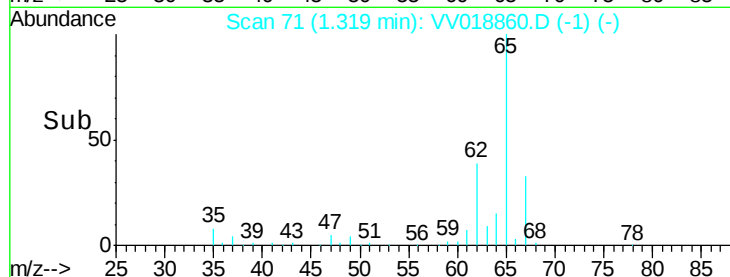
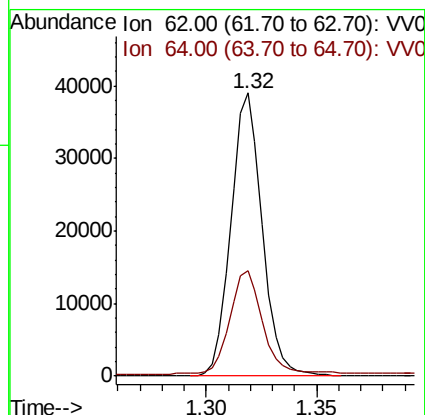
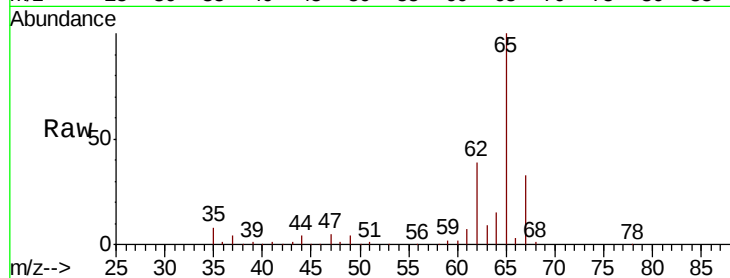
C0AH6DL

Tot Ion: 62 Resp: 38430

Ion Ratio Lower Upper

62 100

64 37.1 23.2 43.0



#10

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

Concen: 0.736 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

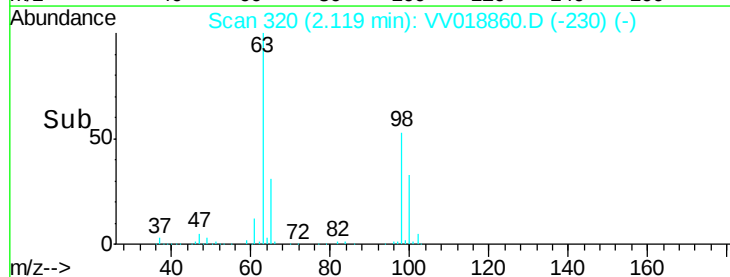
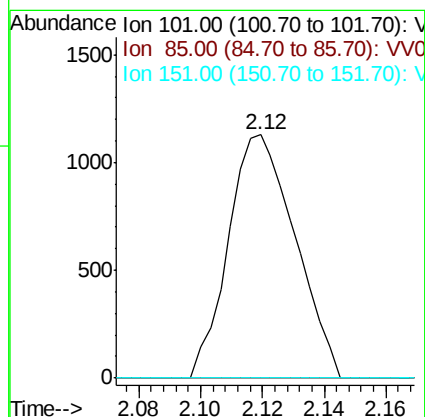
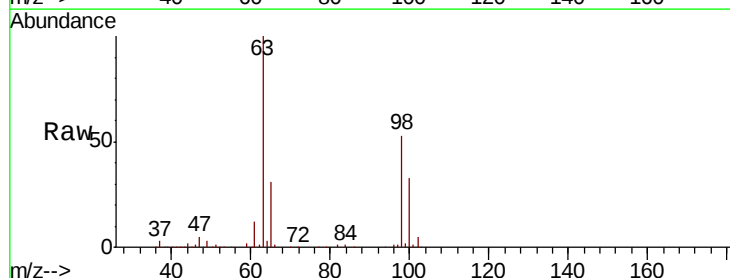
Tgt Ion: 101 Resp: 1691

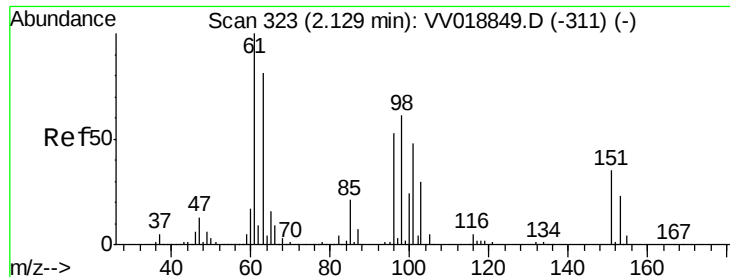
Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 59.8 89.8#





#12

1,1-Dichloroethene

Concen: 0.855 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

C0AH6DL

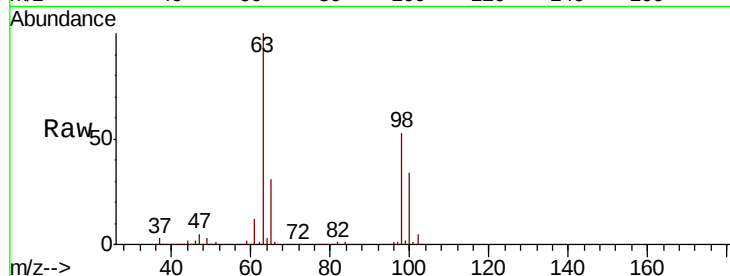
Tot Ion: 96 Resp: 1890

Ion Ratio Lower Upper

96 100

61 1378.0 133.6 248.0#

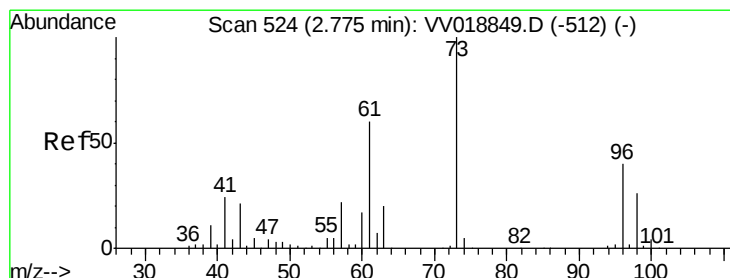
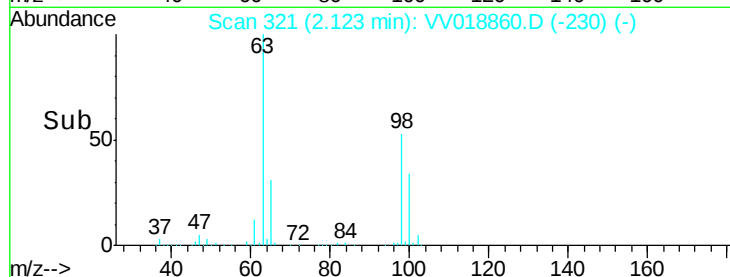
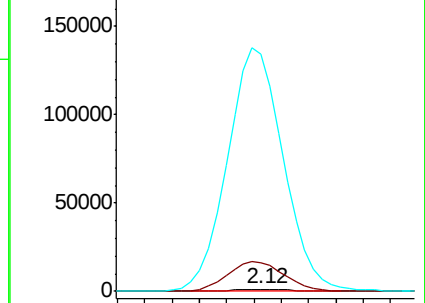
63 11271.1 108.4 201.4#



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: 1.226 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

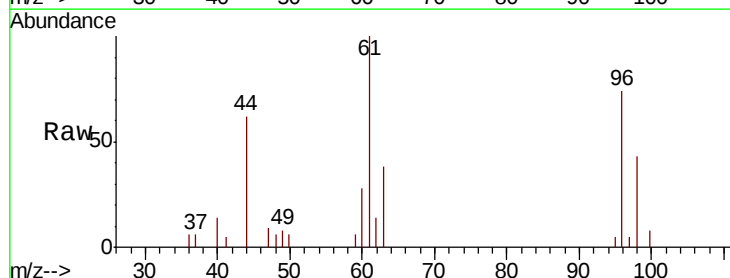
Tgt Ion: 96 Resp: 2862

Ion Ratio Lower Upper

96 100

61 135.8 105.7 196.3

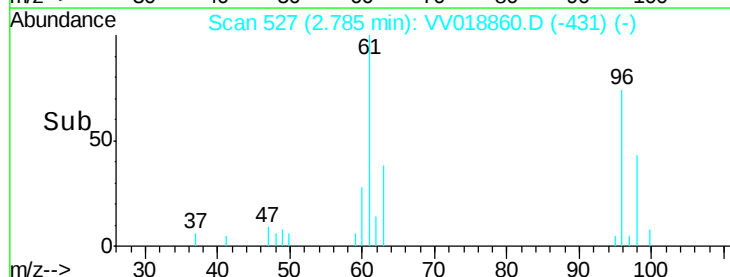
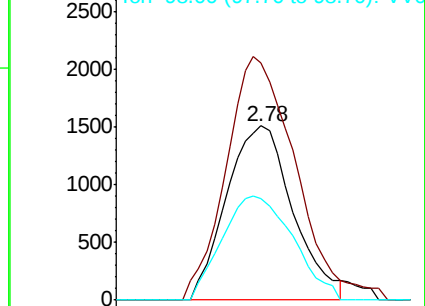
98 58.1 44.7 83.1

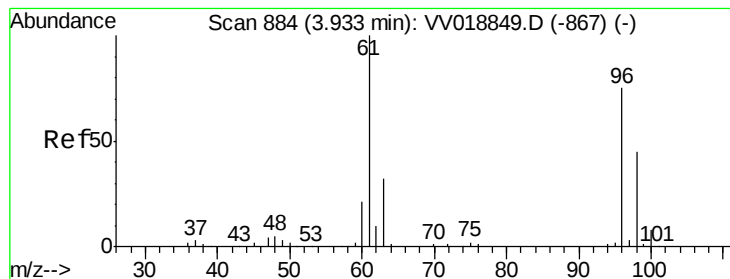


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 44.465 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

C0AH6DL

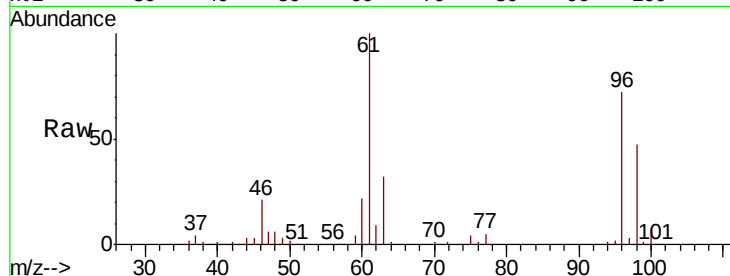
Tot Ion: 96 Resp: 109683

Ion Ratio Lower Upper

96 100

61 138.7 97.3 180.7

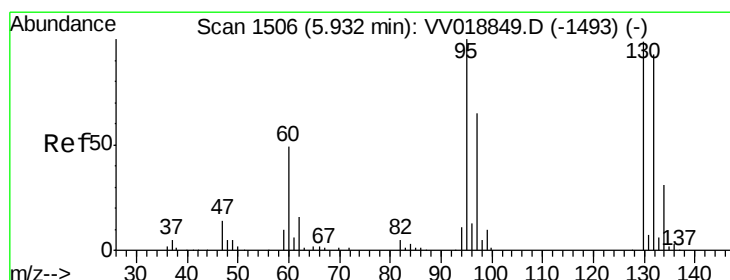
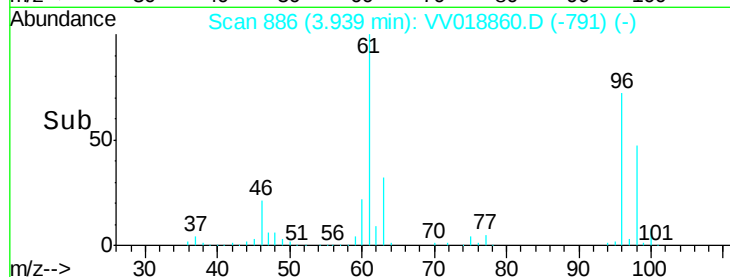
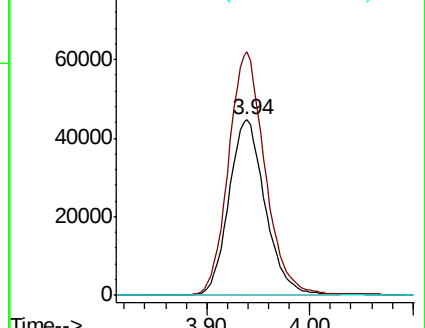
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018849.D (-867) (-)

Ion 61.00 (60.70 to 61.70): VV018849.D (-867) (-)

Ion 68.00 (67.70 to 68.70): VV018849.D (-867) (-)



#34

Trichloroethene

Concen: 4.912 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Tgt Ion: 95 Resp: 13969

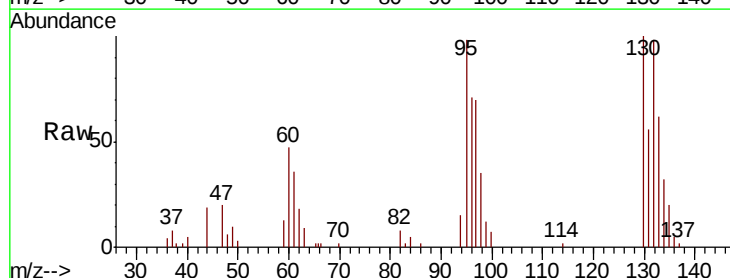
Ion Ratio Lower Upper

95 100

97 71.9 45.1 83.9

132 100.8 66.2 123.0

130 102.5 69.1 128.3

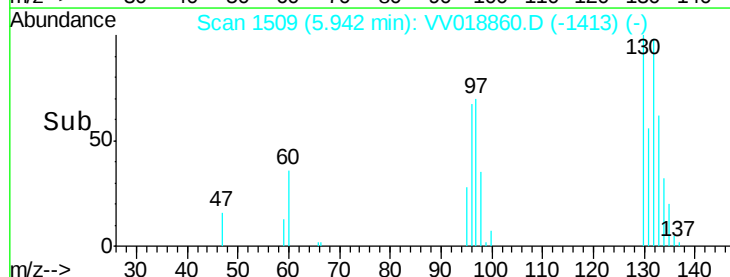
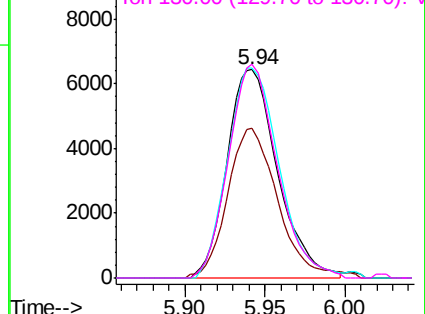


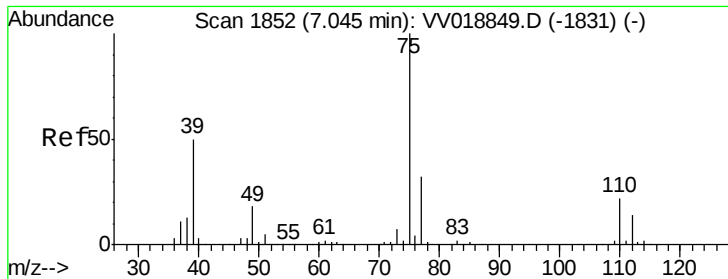
Abundance Ion 95.00 (94.70 to 95.70): VV018849.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV018849.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV018849.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV018849.D (-1493) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

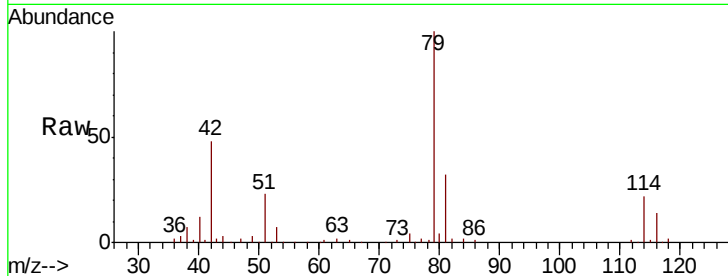
C0AH6DL

Tot Ion: 75 Resp: 4070

Ion Ratio Lower Upper

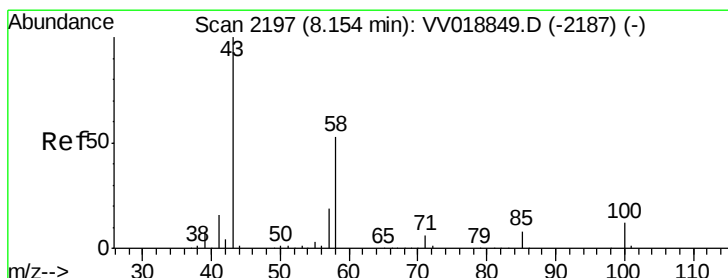
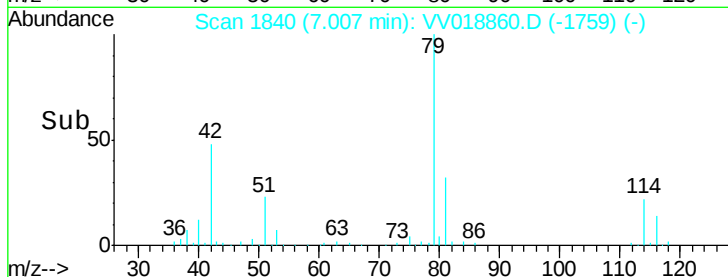
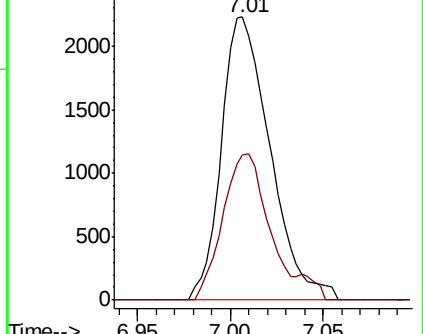
75 100

77 51.2 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV018849.D (-1831) (-)

Ion 77.00 (76.70 to 77.70): VV018849.D (-1831) (-)



#48

2-Hexanone

Concen: 5.252 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Tgt Ion: 43 Resp: 14622

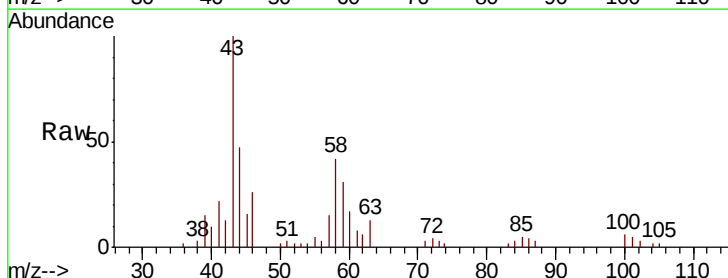
Ion Ratio Lower Upper

43 100

58 40.8 41.8 62.8#

57 16.0 14.9 22.3

100 6.9 9.2 13.8#

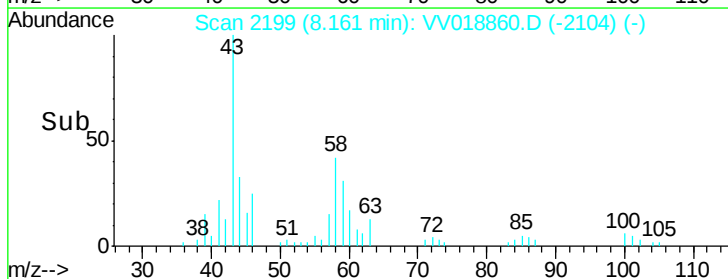
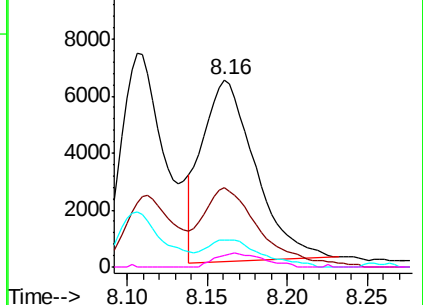


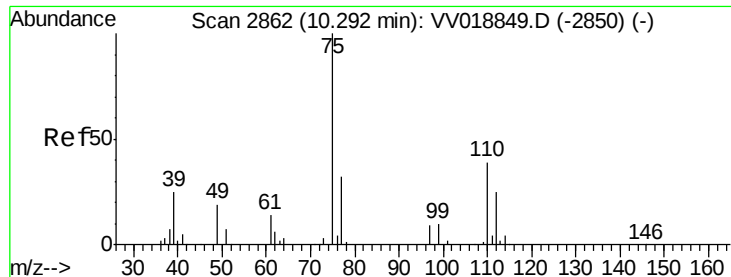
Abundance Ion 43.00 (42.70 to 43.70): VV018849.D (-2187) (-)

Ion 58.00 (57.70 to 58.70): VV018849.D (-2187) (-)

Ion 57.00 (56.70 to 57.70): VV018849.D (-2187) (-)

Ion 100.00 (99.70 to 100.70): VV018849.D (-2187) (-)





#59

1,2,3-Trichloropropane

Concen: 5.518 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018860.D

Acq: 12 Oct 2020 16:42

Instrument :

MSVOA_V

ClientSampleId :

C0AH6DL

Tot Ion: 75 Resp: 17820

Ion Ratio Lower Upper

75 100

77 37.3 25.9 38.9

