

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101220\
 Data File : VV018863.D
 Acq On : 12 Oct 2020 17:53
 Operator : SY/MD
 Sample : L4287-04DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK2DL

Quant Time: Oct 13 01:12:24 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	348105	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	313646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148366	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	135919	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.94%
7) Chloroethane-d5	1.58	69	107697	42.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.12	63	199342	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.38%
21) 2-Butanone-d5	3.90	46	171533	88.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.32%
24) Chloroform-d	4.37	84	240419	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.16%
26) 1,2-Dichloroethane-d4	5.05	65	167391	44.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.50%
32) Benzene-d6	5.07	84	485975	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.09	67	159257	48.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.78%
41) Toluene-d8	7.34	98	423022	47.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.42%
43) trans-1,3-Dichloropropene-	7.64	79	73398	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
47) 2-Hexanone-d5	8.11	63	104296	90.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.41%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	147609	38.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	156328	47.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.22%

Target Compounds

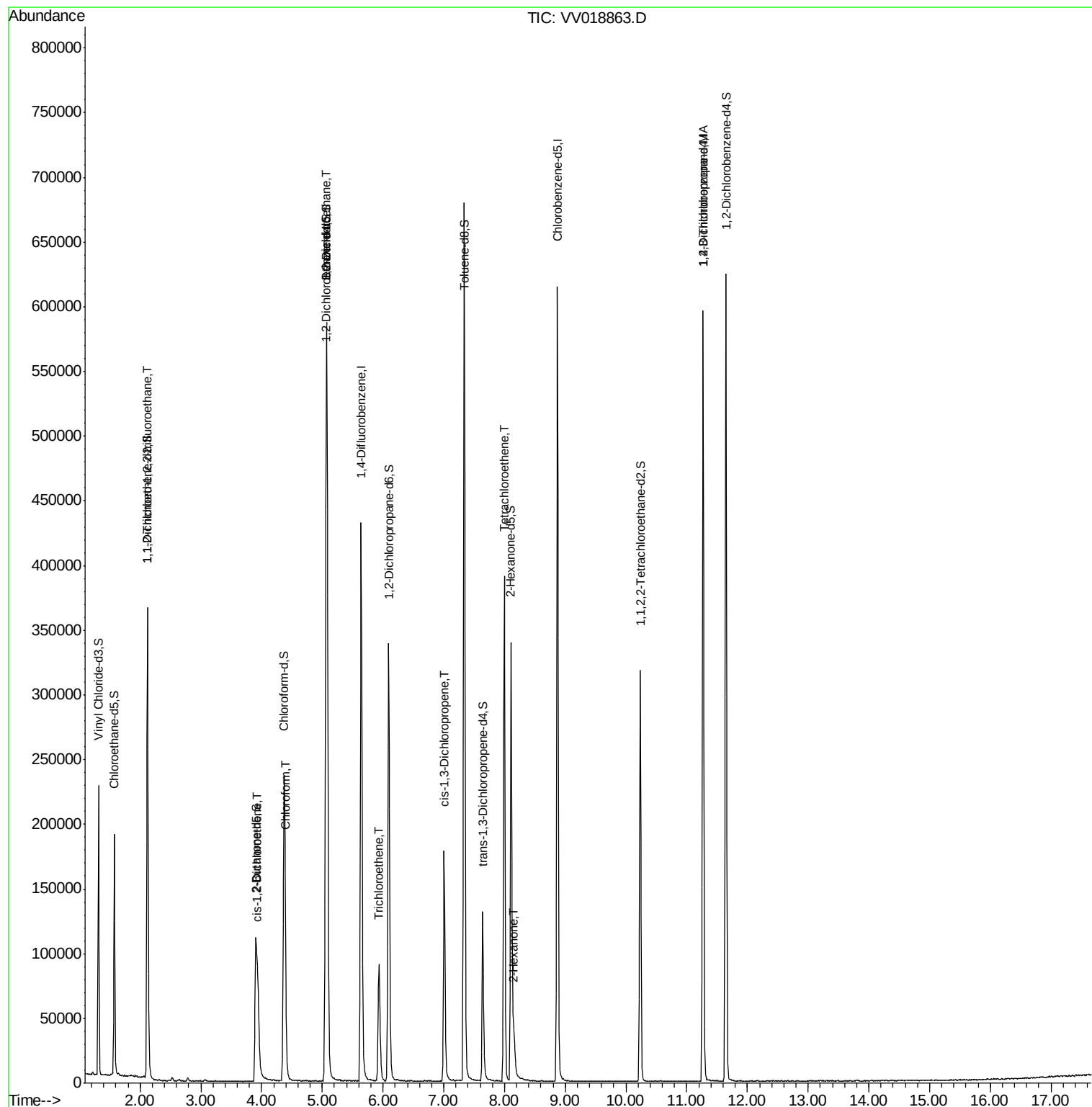
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1682	0.672 ug/L #	19
20) cis-1,2-Dichloroethene	3.94	96	26026	9.684 ug/L	97
25) Chloroform	4.40	83	4923	0.961 ug/L	87
27) 1,2-Dichloroethane	5.08	62	3313	0.795 ug/L	97
34) Trichloroethene	5.94	95	21409	7.476 ug/L	97
39) cis-1,3-Dichloropropene	7.01	75	4606	1.193 ug/L #	45
46) Tetrachloroethene	8.00	164	85159	40.574 ug/L	97
48) 2-Hexanone	8.16	43	18358	6.547 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	17860	5.491 ug/L	92

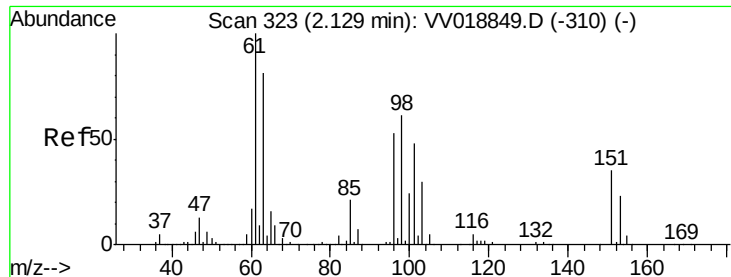
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 13 01:12:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 13 01:02:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.672 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

C0AK2DL

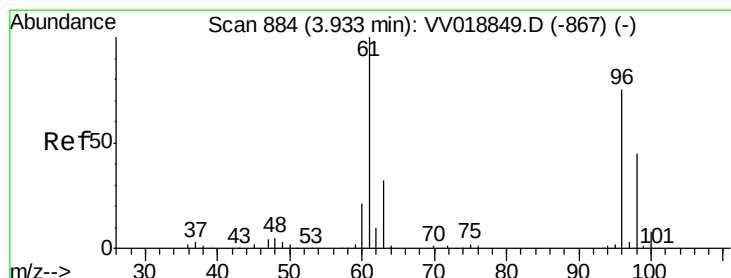
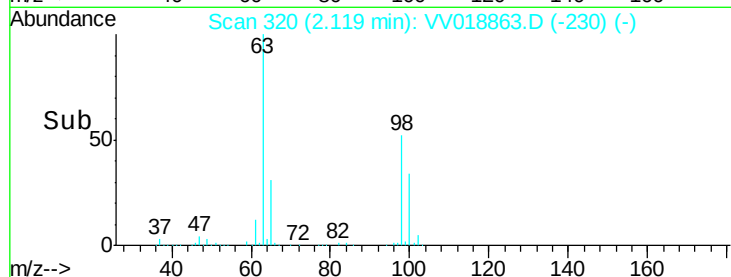
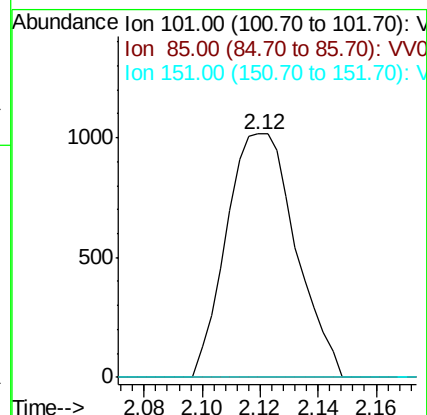
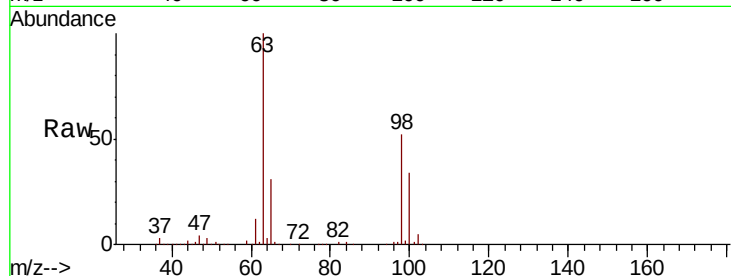
Tot Ion:101 Resp: 1682

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

151 0.0 59.8 89.8#



#20

cis-1,2-Dichloroethene

Concen: 9.684 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

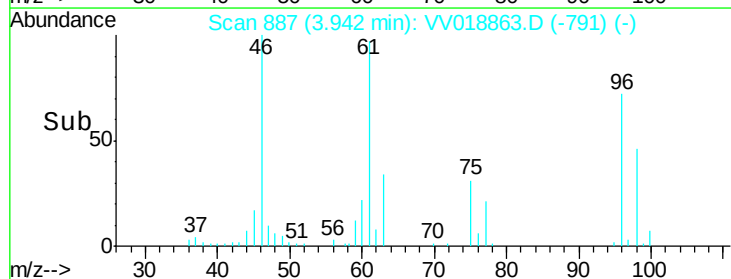
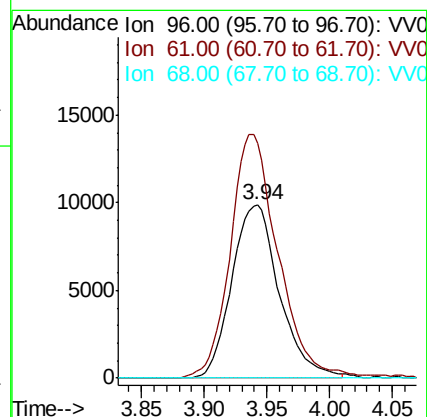
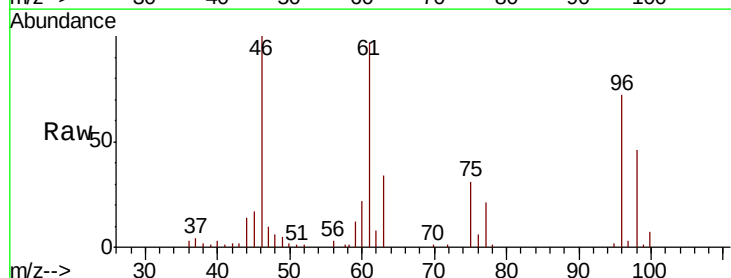
Tgt Ion: 96 Resp: 26026

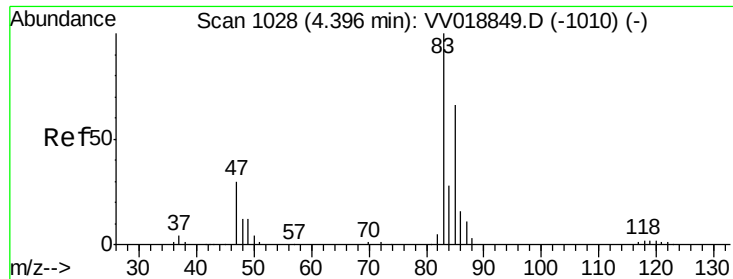
Ion Ratio Lower Upper

96 100

61 135.3 97.3 180.7

68 0.0 0.0 0.0

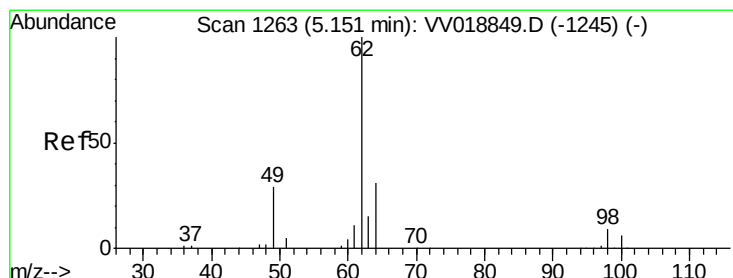
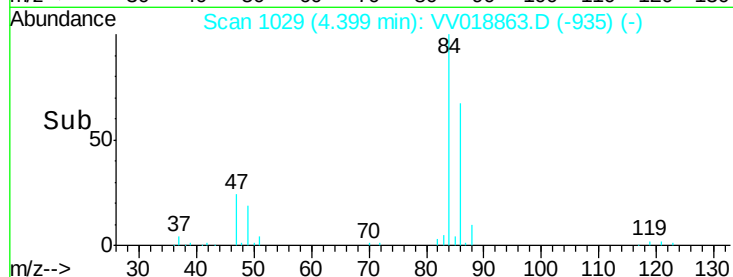
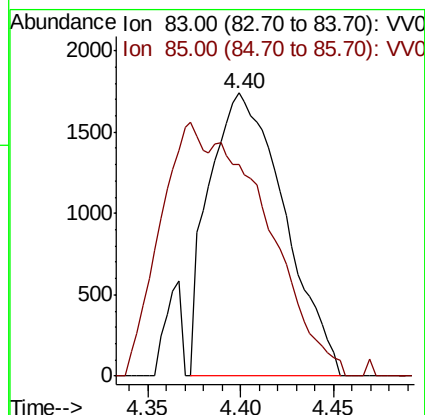
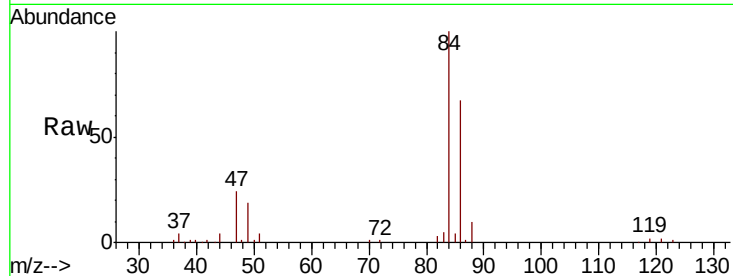




#25
Chloroform
Concen: 0.961 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018863.D
Acq: 12 Oct 2020 17:53

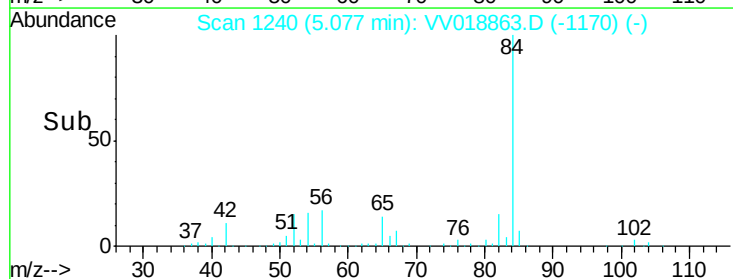
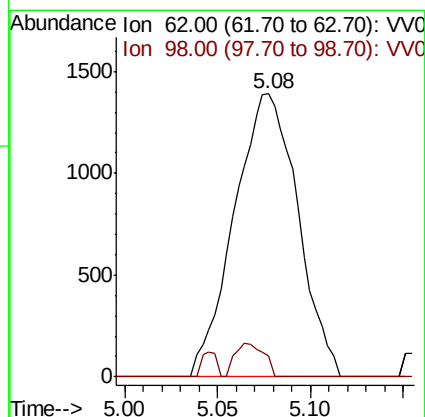
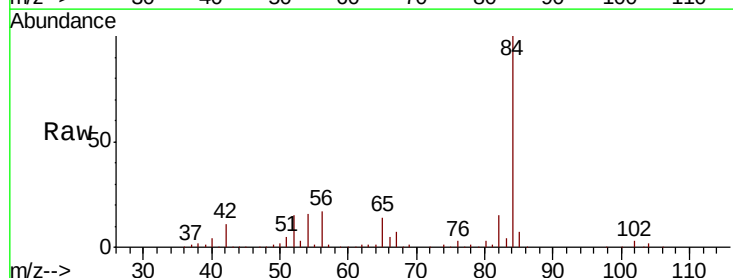
Instrument :
MSVOA_V
ClientSampleId :
C0AK2DL

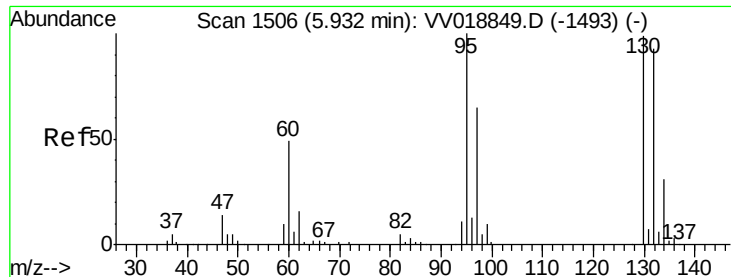
Tot Ion: 83 Resp: 4923
Ion Ratio Lower Upper
83 100
85 74.7 45.0 83.6



#27
1,2-Dichloroethane
Concen: 0.795 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VV018863.D
Acq: 12 Oct 2020 17:53

Tgt Ion: 62 Resp: 3313
Ion Ratio Lower Upper
62 100
98 7.3 6.6 10.0





#34

Trichloroethene

Concen: 7.476 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

C0AK2DL

Tot Ion: 95 Resp: 21409

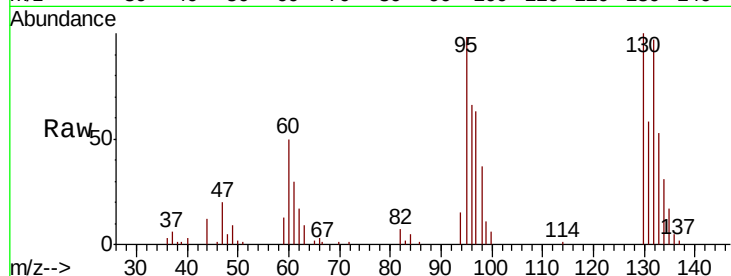
Ion Ratio Lower Upper

95 100

97 64.5 45.1 83.9

132 99.0 66.2 123.0

130 102.4 69.1 128.3

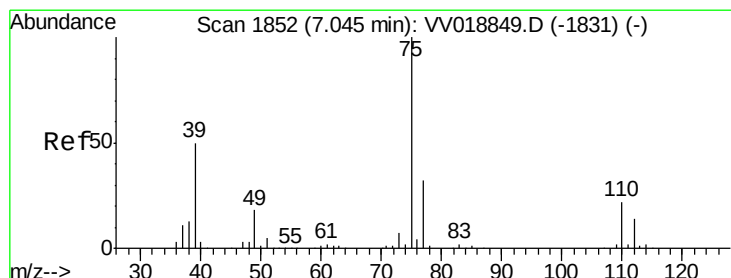
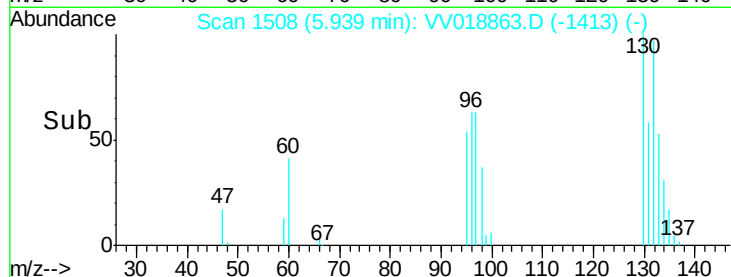
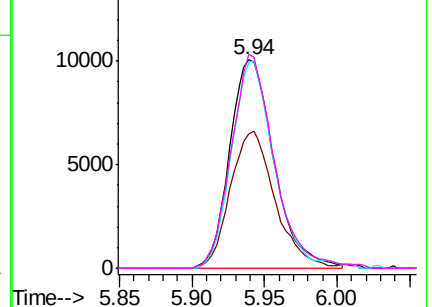


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.193 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV018863.D

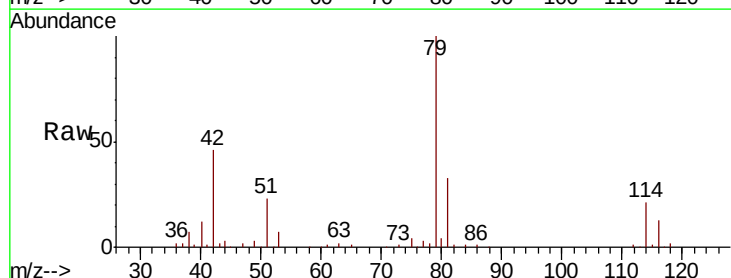
Acq: 12 Oct 2020 17:53

Tgt Ion: 75 Resp: 4606

Ion Ratio Lower Upper

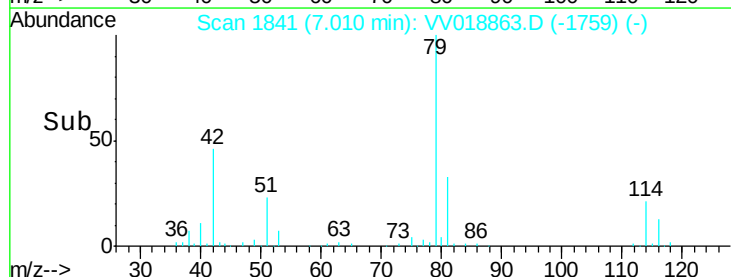
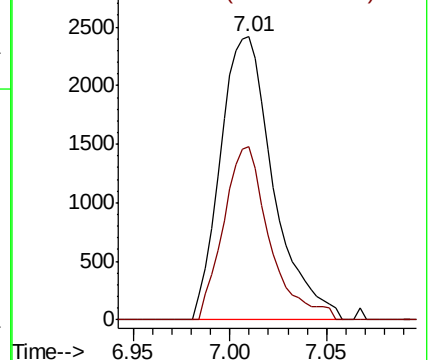
75 100

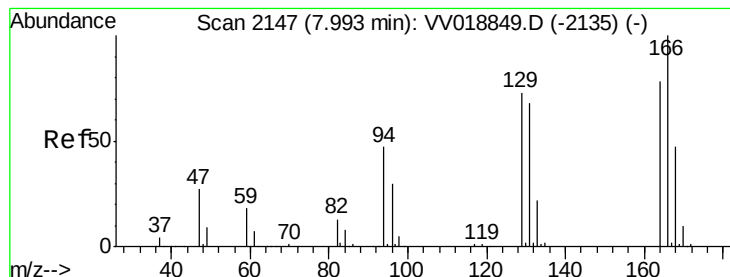
77 61.3 21.8 40.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#46

Tetrachloroethene

Concen: 40.574 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

Instrument :

MSVOA_V

ClientSampled :

C0AK2DL

Tot Ion:164 Resp: 85159

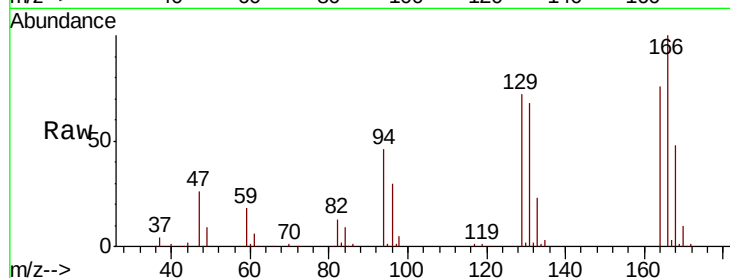
Ion Ratio Lower Upper

164 100

129 94.5 64.6 120.0

131 90.0 63.6 118.0

166 131.9 88.3 164.1

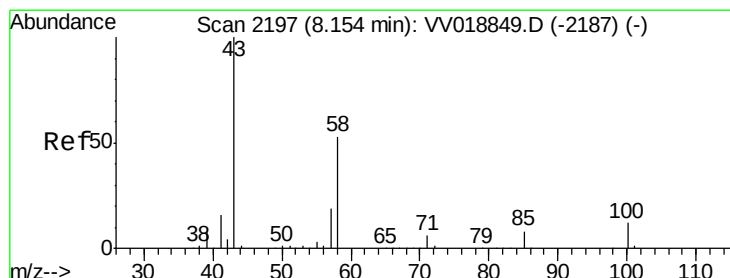
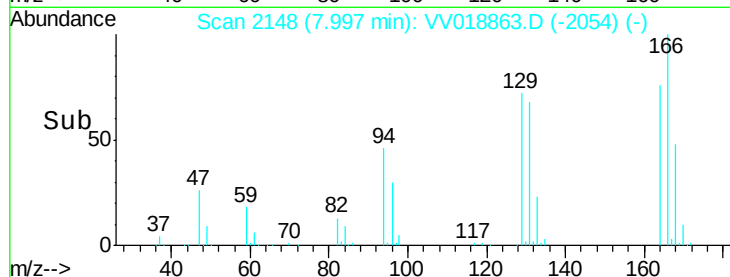
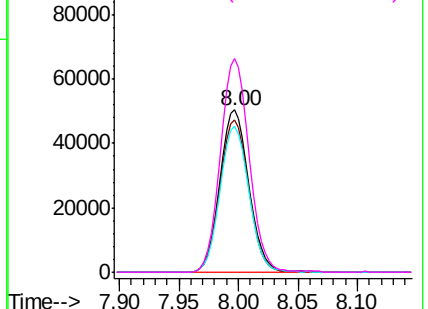


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 6.547 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.01 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

Tgt Ion: 43 Resp: 18358

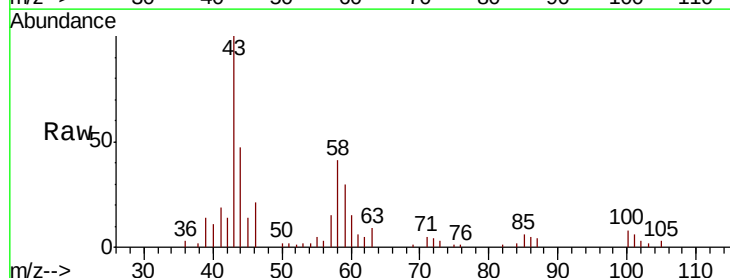
Ion Ratio Lower Upper

43 100

58 34.5 41.8 62.8#

57 8.9 14.9 22.3#

100 7.6 9.2 13.8#

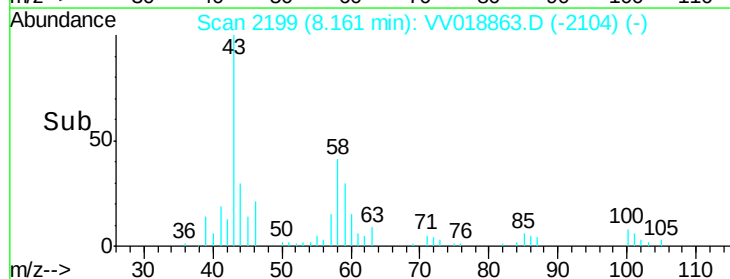
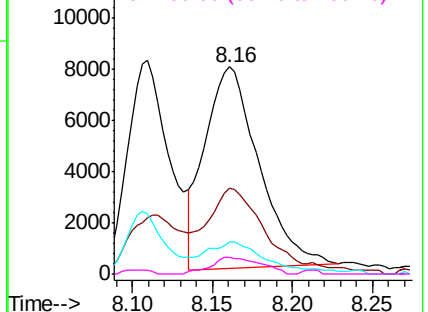


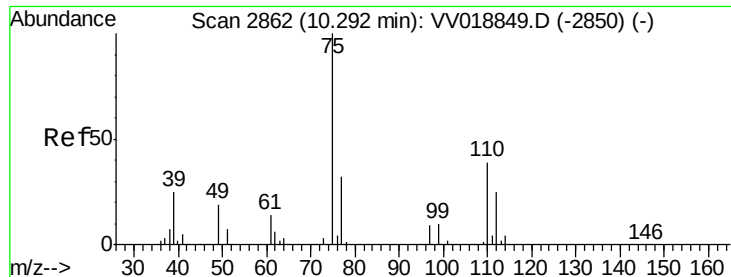
Abundance Ion 43.00 (42.70 to 43.70): VV0

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: 5.491 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018863.D

Acq: 12 Oct 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

C0AK2DL

Tot Ion: 75 Resp: 17860

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9

