

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017880.D
 Acq On : 09 Aug 2020 01:36
 Operator : SY/MD
 Sample : L3608-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L18

Quant Time: Aug 10 05:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	224832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	215181	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	112576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58441	50.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.66%
7) Chloroethane-d5	1.58	69	49266	49.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.90%
11) 1,1-Dichloroethene-d2	2.12	63	103191	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	3.91	46	76632	105.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	4.38	84	147070	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
26) 1,2-Dichloroethane-d4	5.06	65	115700	52.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.62%
32) Benzene-d6	5.07	84	255449	51.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.82%
36) 1,2-Dichloropropane-d6	6.09	67	65917	52.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.64%
41) Toluene-d8	7.34	98	250655	50.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.38%
43) trans-1,3-Dichloropropene-	7.64	79	36164	44.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.16%
47) 2-Hexanone-d5	8.11	63	48425	106.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.12%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	99796	50.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.62%
64) 1,2-Dichlorobenzene-d4	11.65	152	119024	51.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.72%

Target Compounds

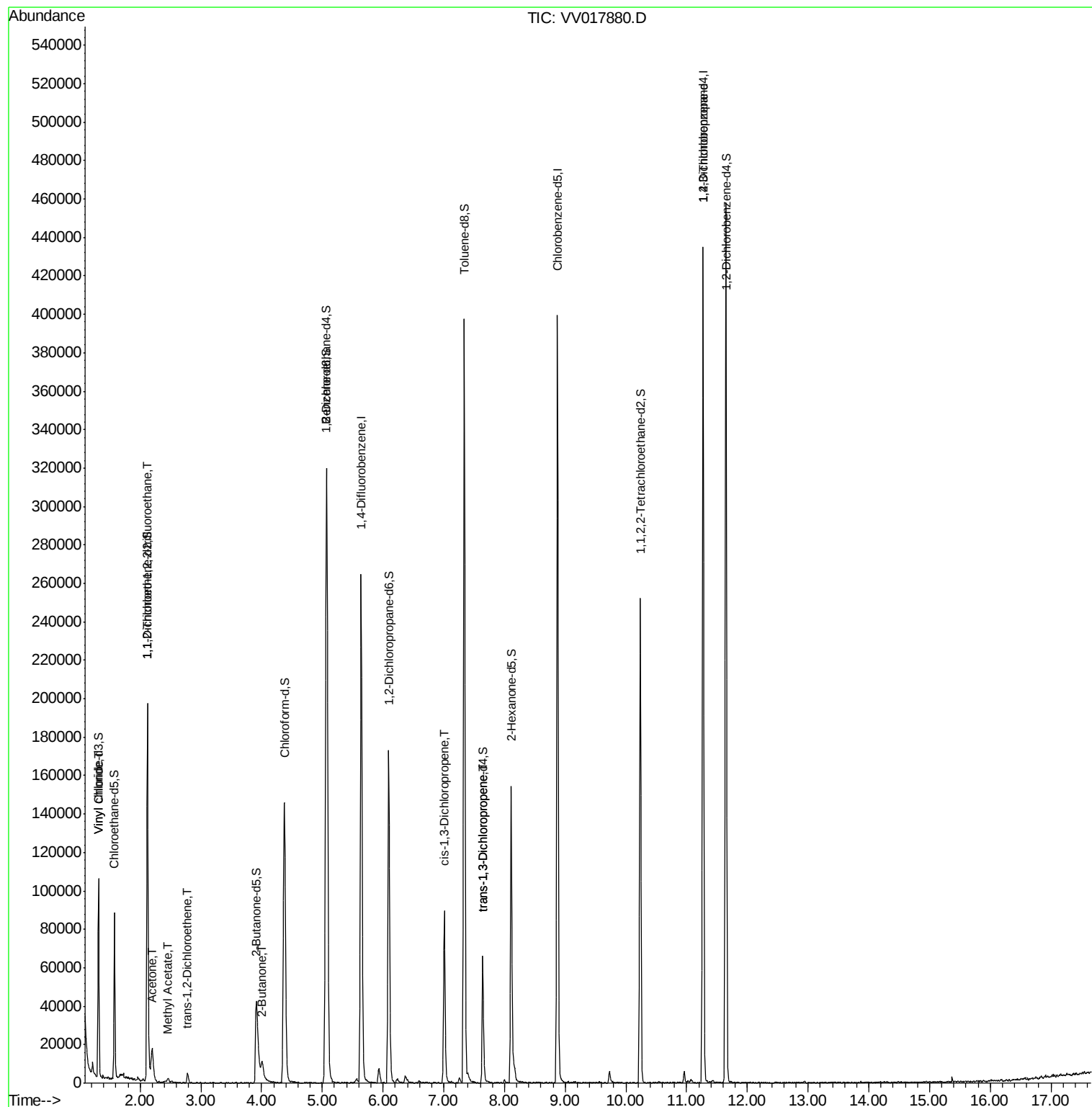
					Ovalue
5) Vinyl chloride	1.32	62	1532	1.166 ug/L #	11
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1003	0.698 ug/L #	17
13) Acetone	2.20	43	27867	29.453 ug/L	100
15) Methyl Acetate	2.45	43	2224	2.131 ug/L #	89
17) trans-1,2-Dichloroethene	2.78	96	2034	1.505 ug/L	80
22) 2-Butanone	4.01	43	17923	21.821 ug/L #	66
39) cis-1,3-Dichloropropene	7.01	75	2578	1.347 ug/L #	80
44) trans-1,3-Dichloropropene	7.64	75	1911	0.950 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	9040	5.275 ug/L #	67

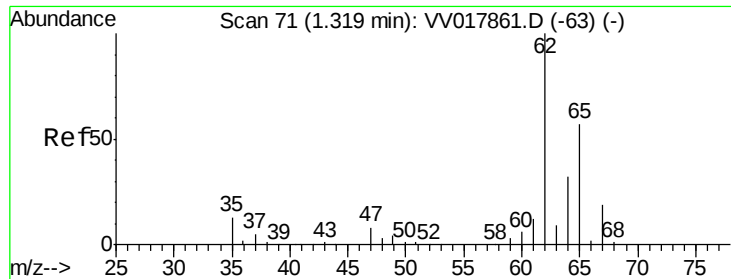
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Aug 10 05:09:16 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.166 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

Instrument :

MSVOA_V

ClientSampled :

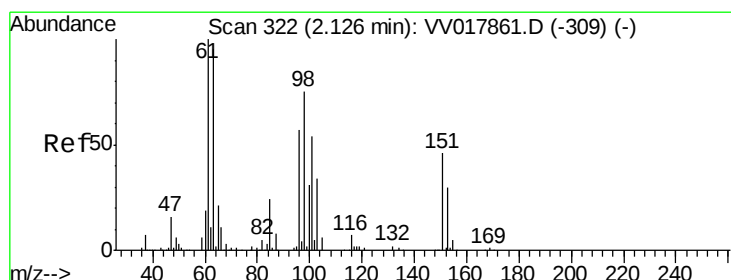
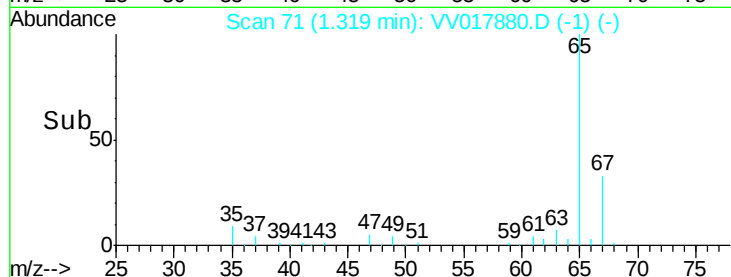
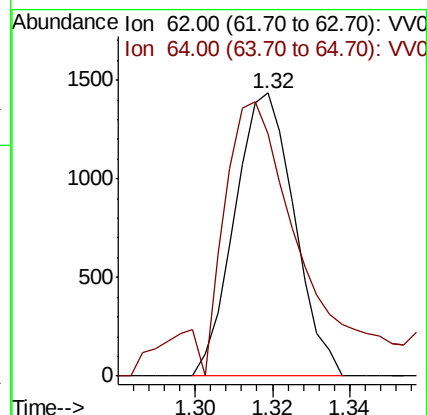
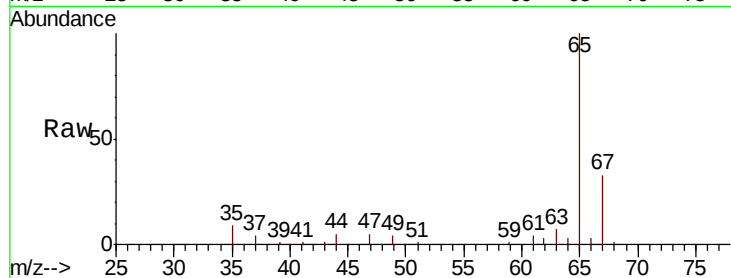
F4L18

Tot Ion: 62 Resp: 1532

Ion Ratio Lower Upper

62 100

64 85.6 24.0 44.6#



#10

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

Concen: 0.698 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.00 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

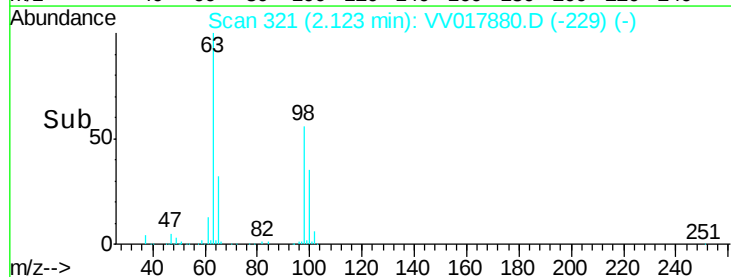
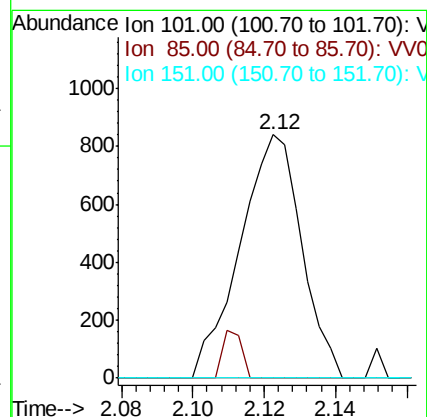
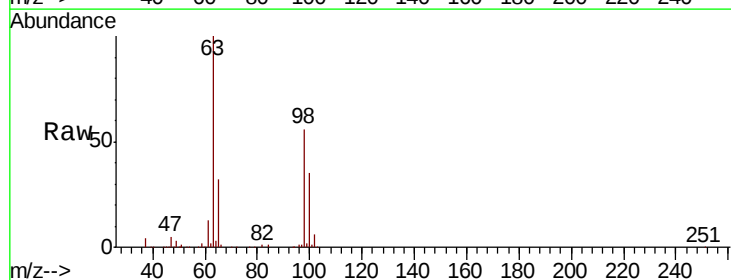
Tgt Ion: 101 Resp: 1003

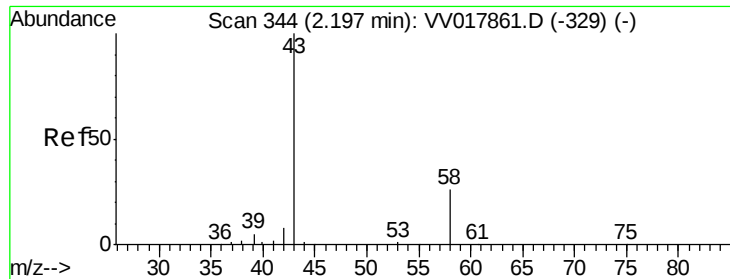
Ion Ratio Lower Upper

101 100

85 6.0 35.0 52.6#

151 0.0 71.0 106.6#





#13

Acetone

Concen: 29.453 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

Instrument :

MSVOA_V

ClientSampleId :

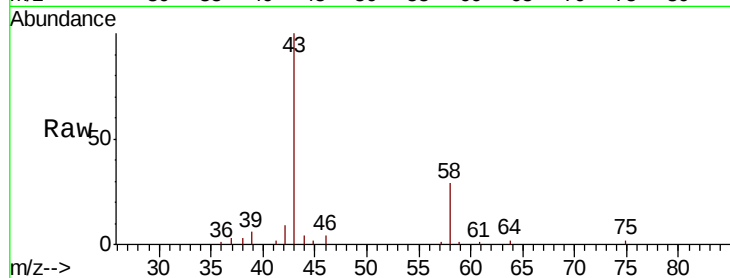
F4L18

Tot Ion: 43 Resp: 27867

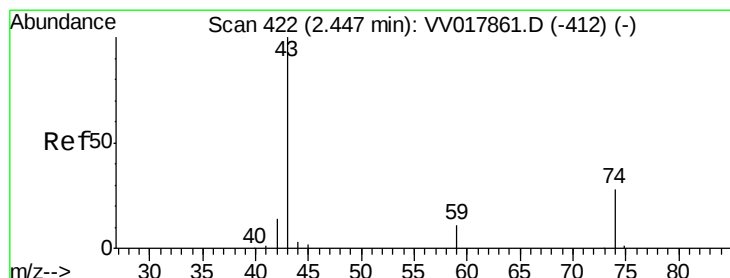
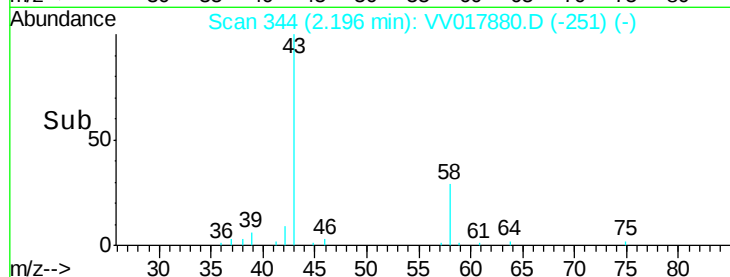
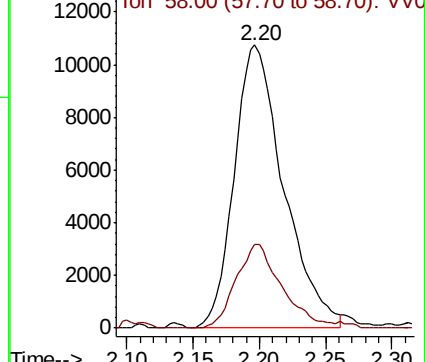
Ion Ratio Lower Upper

43 100

58 27.5 0.0 54.8



Abundance Ion 43.00 (42.70 to 43.70): VV017880.D (-251) (-)



#15

Methyl Acetate

Concen: 2.131 ug/L

RT: 2.45 min Scan# 423

Delta R.T. 0.00 min

Lab File: VV017880.D

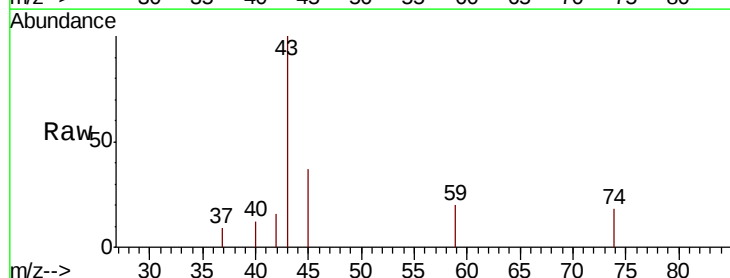
Acq: 09 Aug 2020 01:36

Tgt Ion: 43 Resp: 2224

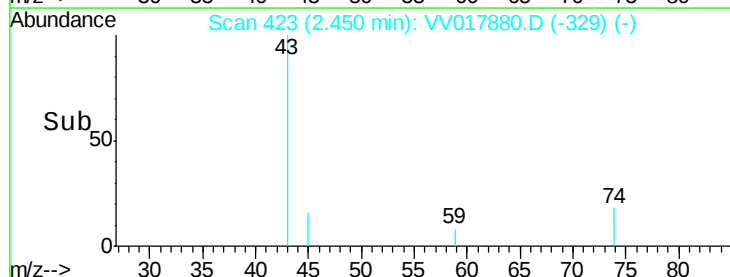
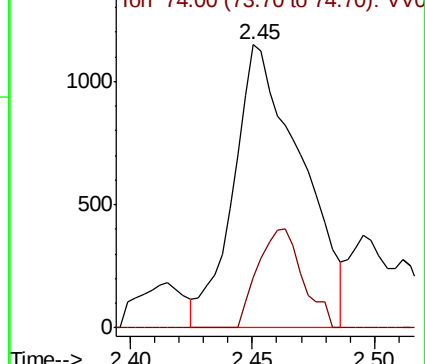
Ion Ratio Lower Upper

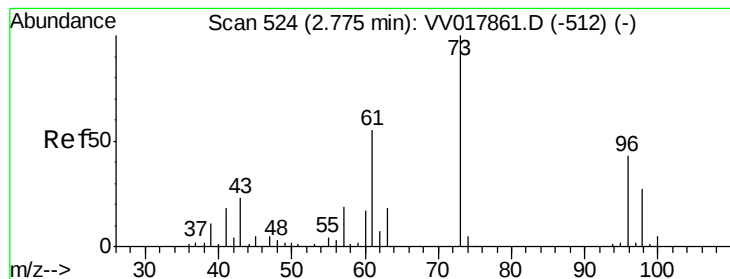
43 100

74 23.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VV017880.D (-329) (-)





#17

trans-1,2-Dichloroethene

Concen: 1.505 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

Instrument :

MSVOA_V

ClientSampled :

F4L18

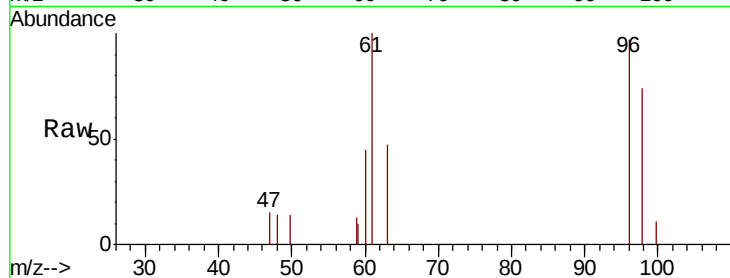
Tot Ion: 96 Resp: 2034

Ion Ratio Lower Upper

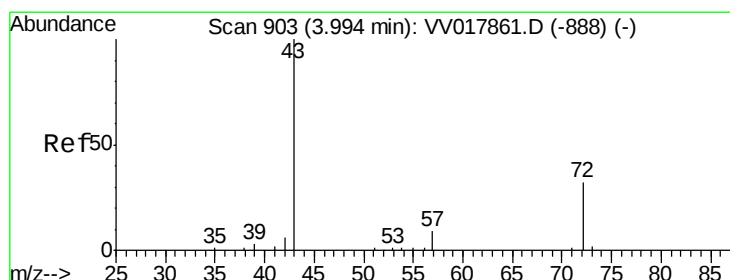
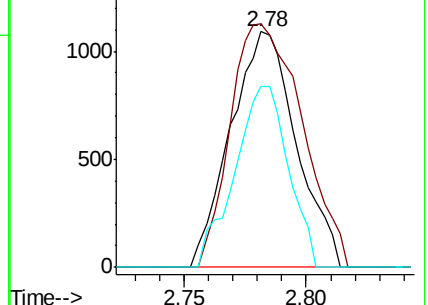
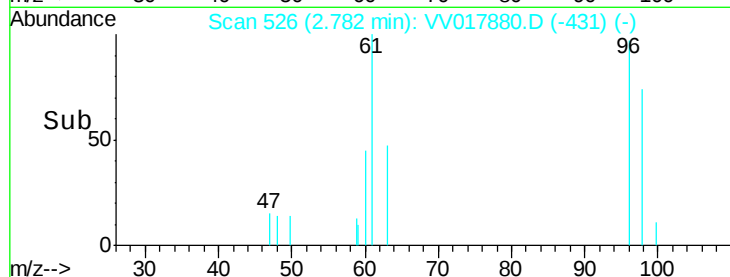
96 100

61 103.2 92.4 171.6

98 76.8 47.5 88.1



Abundance Ion 96.00 (95.70 to 96.70): VV017880.D (-431) (-)



#22

2-Butanone

Concen: 21.821 ug/L

RT: 4.01 min Scan# 908

Delta R.T. 0.02 min

Lab File: VV017880.D

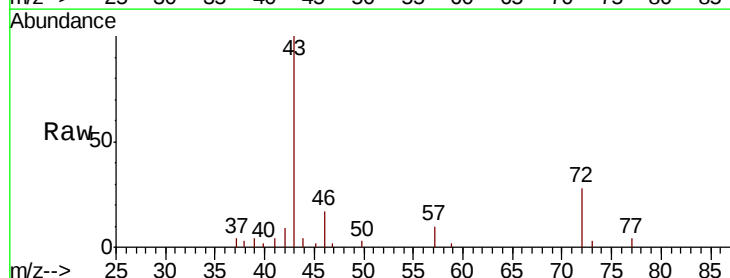
Acq: 09 Aug 2020 01:36

Tgt Ion: 43 Resp: 17923

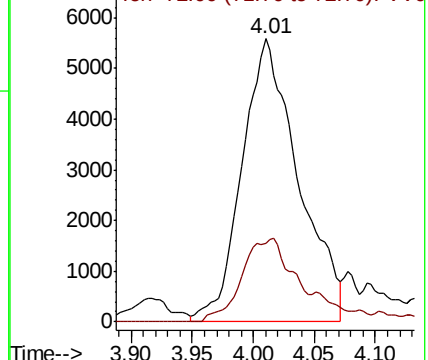
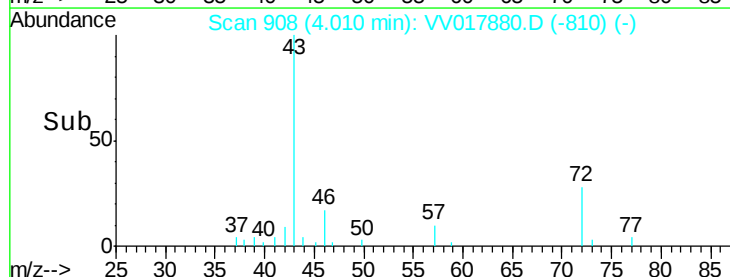
Ion Ratio Lower Upper

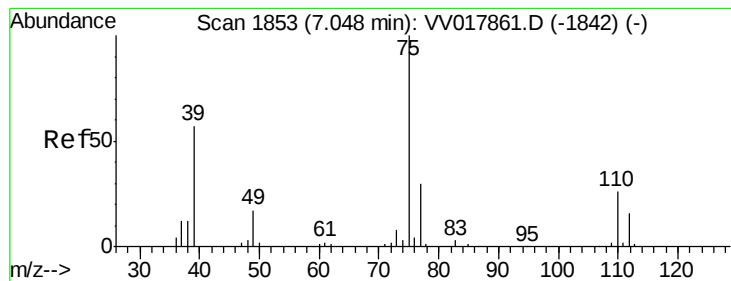
43 100

72 11.5 14.9 44.7#



Abundance Ion 43.00 (42.70 to 43.70): VV017880.D (-810) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.347 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

Instrument :

MSVOA_V

ClientSampleId :

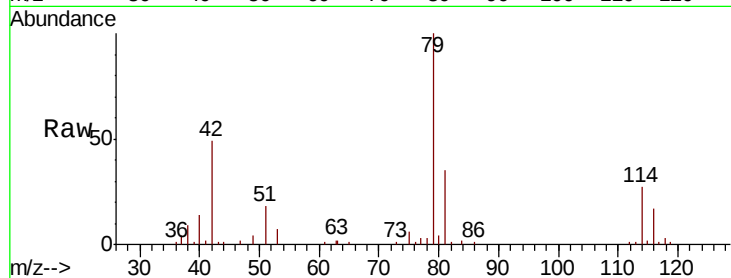
F4L18

Tot Ion: 75 Resp: 2578

Ion Ratio Lower Upper

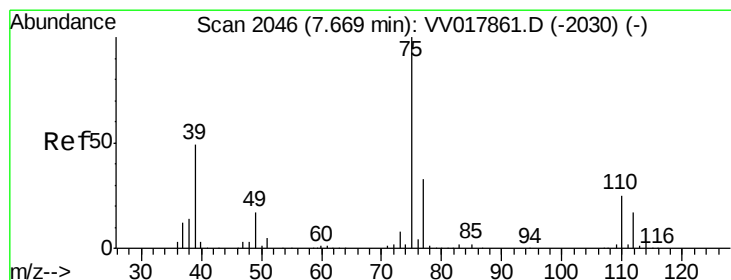
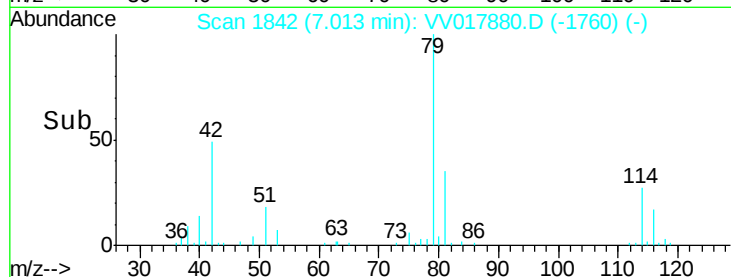
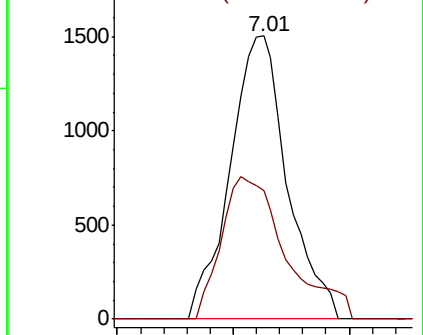
75 100

77 45.4 23.7 44.1#



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: 0.950 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017880.D

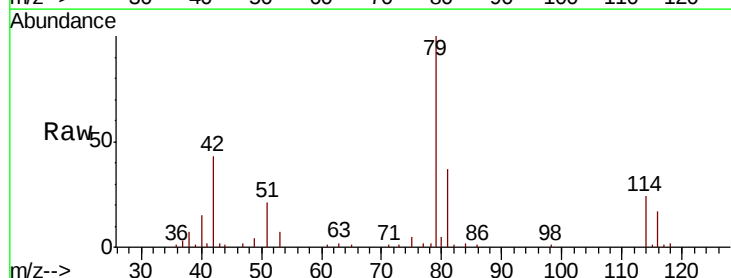
Acq: 09 Aug 2020 01:36

Tgt Ion: 75 Resp: 1911

Ion Ratio Lower Upper

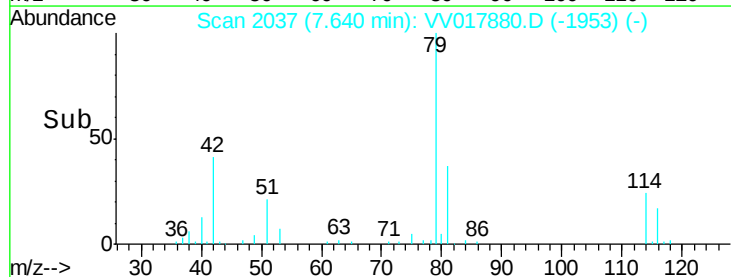
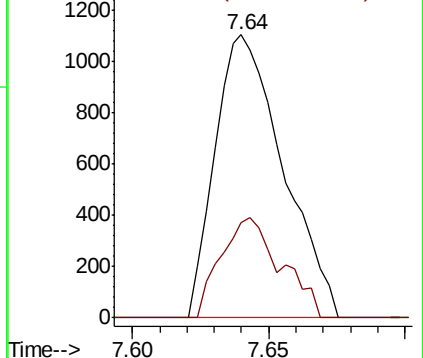
75 100

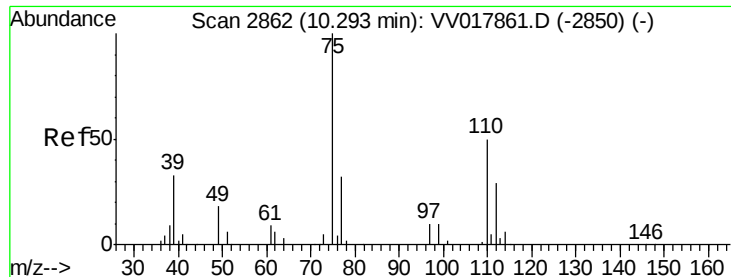
77 33.7 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.275 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017880.D

Acq: 09 Aug 2020 01:36

Instrument :

MSVOA_V

ClientSampleId :

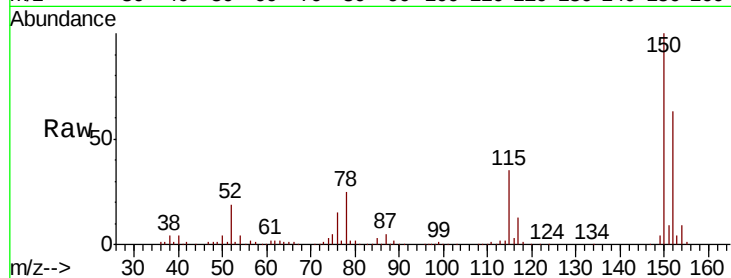
F4L18

Tot Ion: 75 Resp: 9040

Ion Ratio Lower Upper

75 100

77 51.6 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

