

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017871.D
 Acq On : 08 Aug 2020 22:06
 Operator : SY/MD
 Sample : L3608-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L58

Quant Time: Aug 10 05:12:17 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	228112	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	216549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	111002	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	61606	52.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.58%
7) Chloroethane-d5	1.58	69	52025	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.96%
11) 1,1-Dichloroethene-d2	2.12	63	107220	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
21) 2-Butanone-d5	3.91	46	67632	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	150217	48.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.26%
26) 1,2-Dichloroethane-d4	5.06	65	120149	53.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.08%
32) Benzene-d6	5.07	84	264770	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
36) 1,2-Dichloropropane-d6	6.09	67	67047	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.76%
41) Toluene-d8	7.34	98	252751	50.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.58%
43) trans-1,3-Dichloropropene-	7.64	79	36684	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.86%
47) 2-Hexanone-d5	8.11	63	40907	89.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	97126	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	120115	53.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.16%

Target Compounds

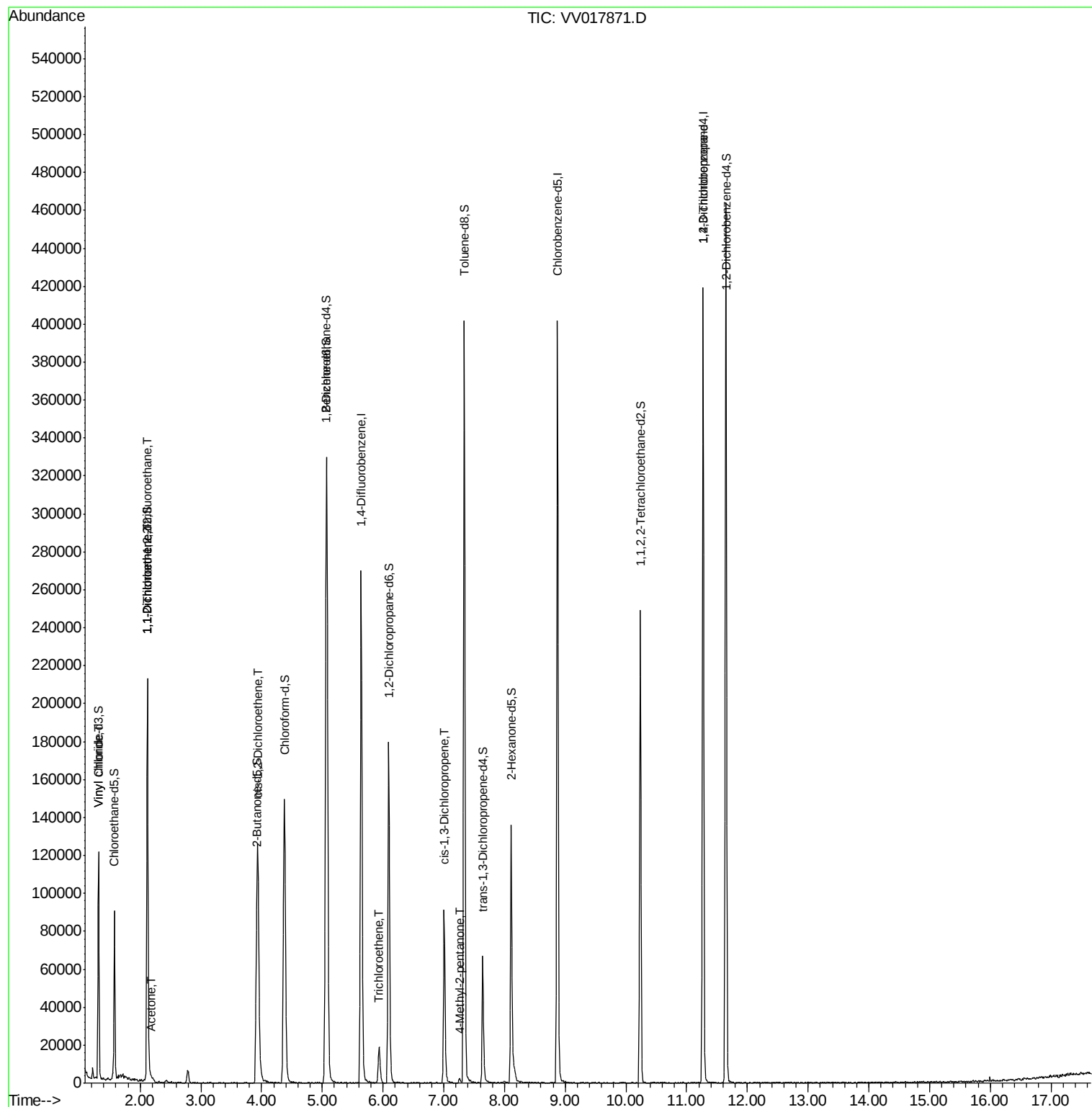
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11194	8.399	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	935	0.642	ug/L #	14
12) 1,1-Dichloroethene	2.12	96	1265	0.941	ug/L #	1
13) Acetone	2.19	43	2331	2.428	ug/L	78
20) cis-1,2-Dichloroethene	3.94	96	61141	41.272	ug/L	92
34) Trichloroethene	5.94	95	3673	2.374	ug/L	88
39) cis-1,3-Dichloropropene	7.01	75	1563	0.811	ug/L #	72
40) 4-Methyl-2-pentanone	7.25	43	1684	1.153	ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	9097	5.275	ug/L #	68

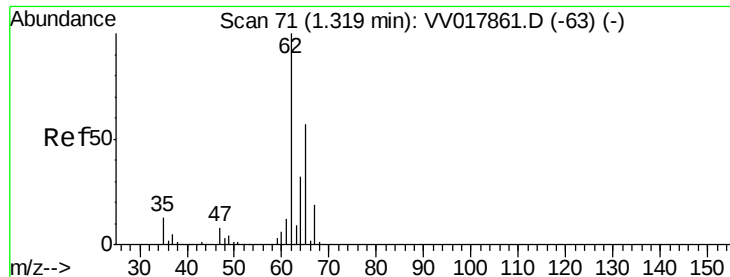
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.399 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017871.D

Acq: 08 Aug 2020 22:06

Instrument :

MSVOA_V

ClientSampleId :

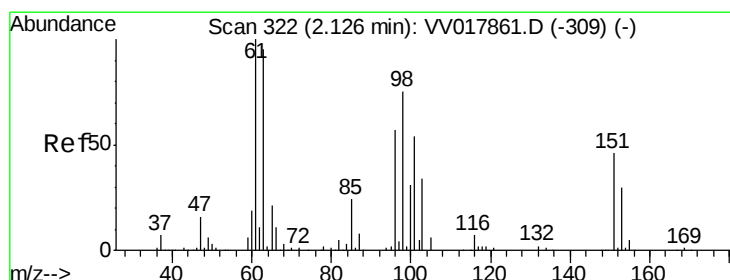
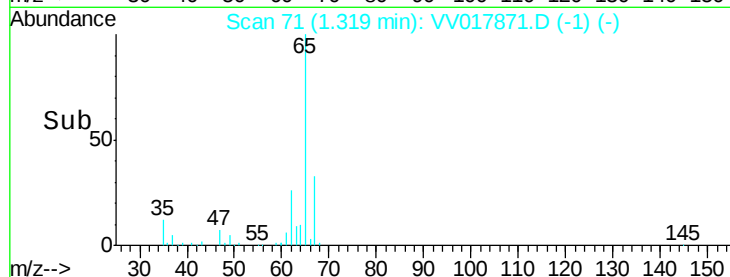
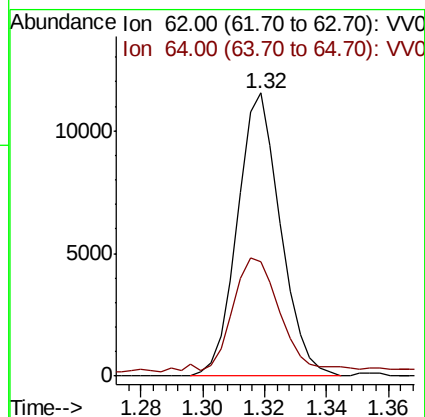
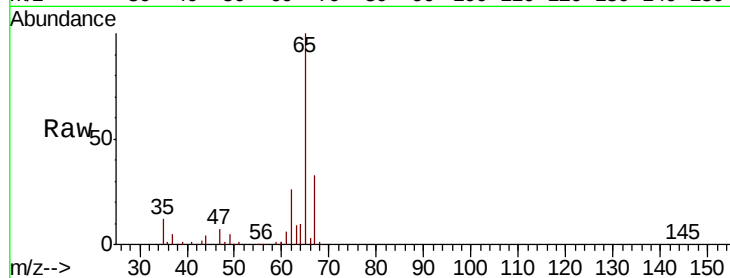
F2L58

Tot Ion: 62 Resp: 11194

Ion Ratio Lower Upper

62 100

64 40.6 24.0 44.6



#10

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

Concen: 0.642 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017871.D

Acq: 08 Aug 2020 22:06

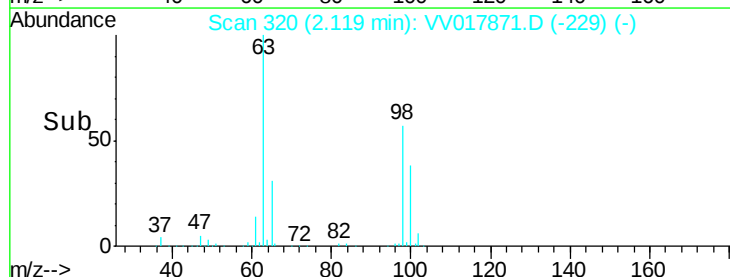
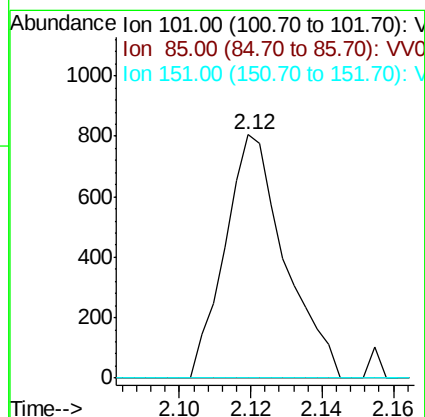
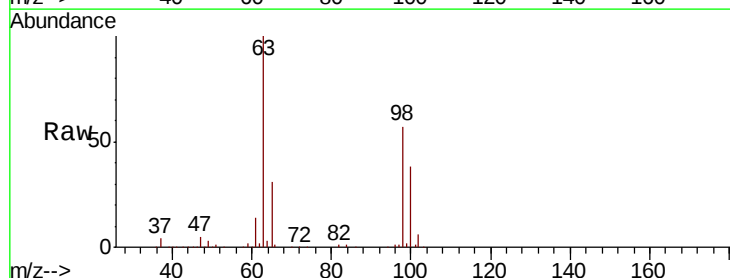
Tgt Ion: 101 Resp: 935

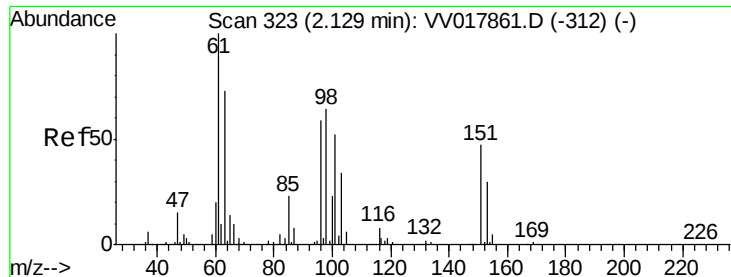
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 71.0 106.6#





#12

1,1-Dichloroethene

Concen: 0.941 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017871.D

Acq: 08 Aug 2020 22:06

Instrument :

MSVOA_V

ClientSampleId :

F2L58

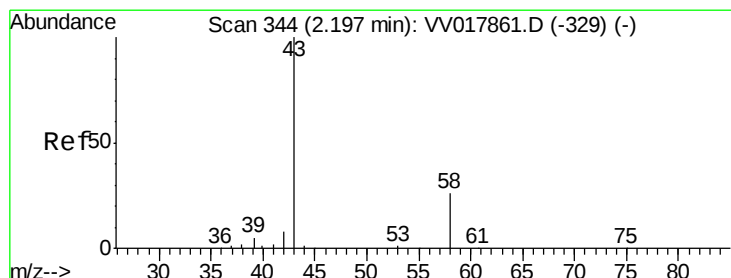
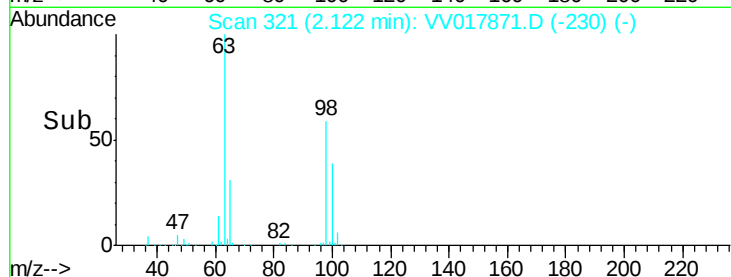
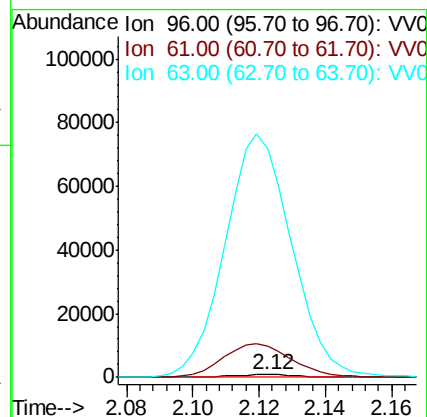
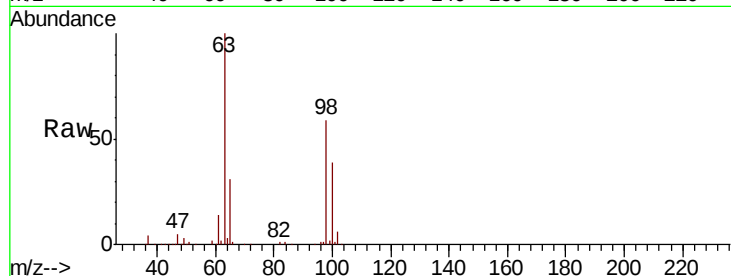
Tot Ion: 96 Resp: 1265

Ion Ratio Lower Upper

96 100

61 1082.5 121.1 224.9#

63 7871.9 98.1 182.1#



#13

Acetone

Concen: 2.428 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV017871.D

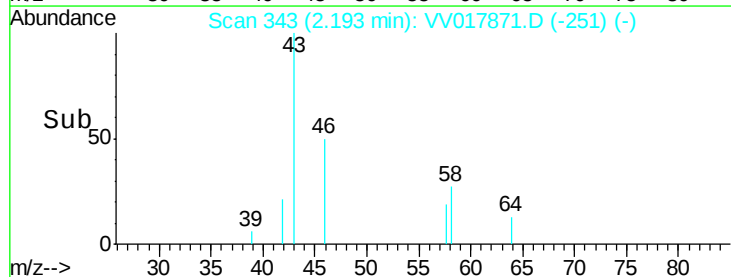
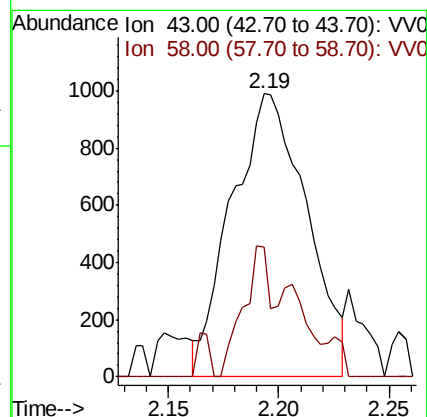
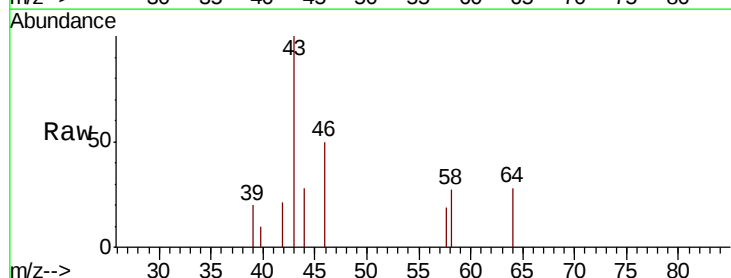
Acq: 08 Aug 2020 22:06

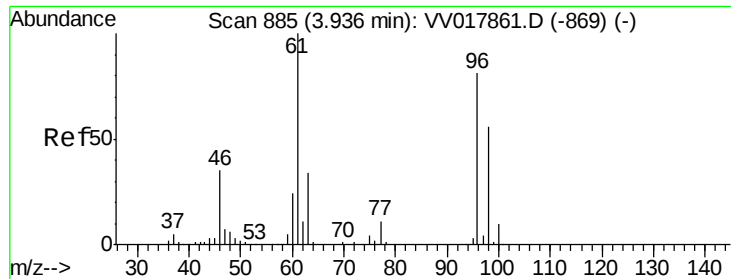
Tgt Ion: 43 Resp: 2331

Ion Ratio Lower Upper

43 100

58 16.2 0.0 54.8



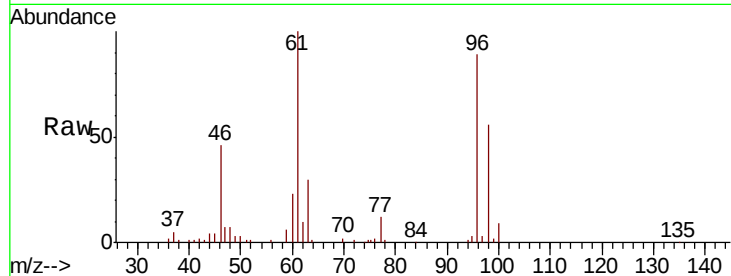


#20

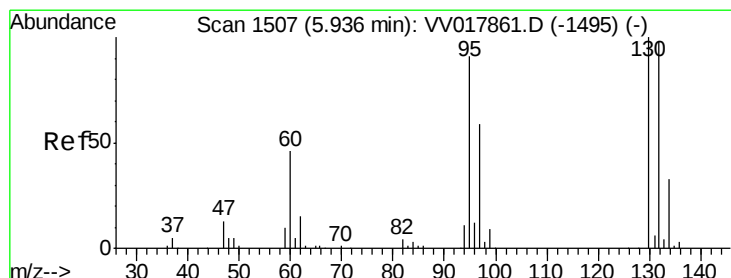
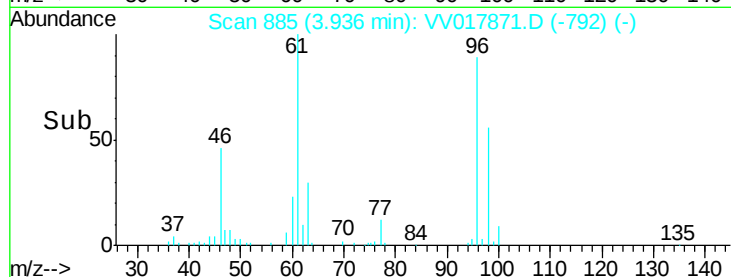
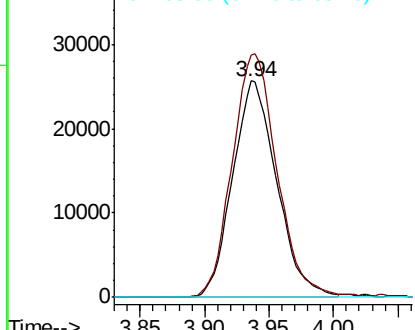
cis-1,2-Dichloroethene
Concen: 41.272 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017871.D
Acq: 08 Aug 2020 22:06

Instrument :
MSVOA_V
ClientSampleId :
F2L58

Tot Ion: 96 Resp: 61141
Ion Ratio Lower Upper
96 100
61 112.2 84.4 156.8
68 0.0 0.0 0.0



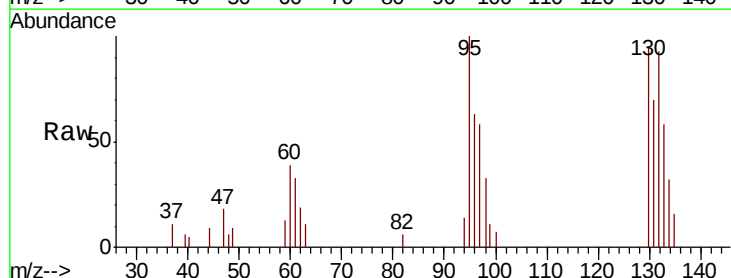
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



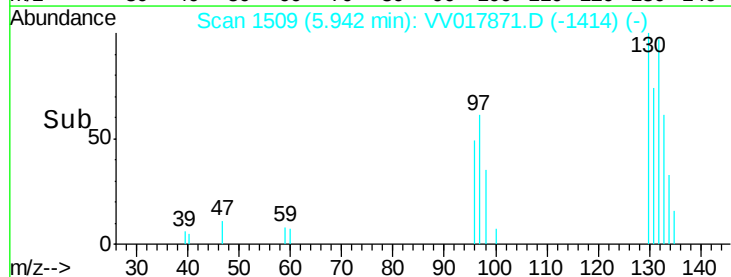
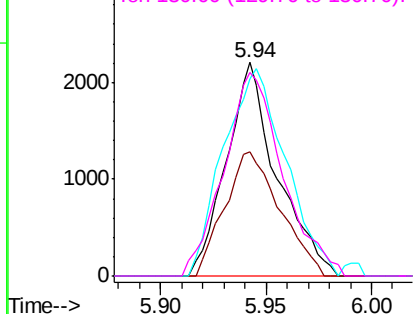
#34

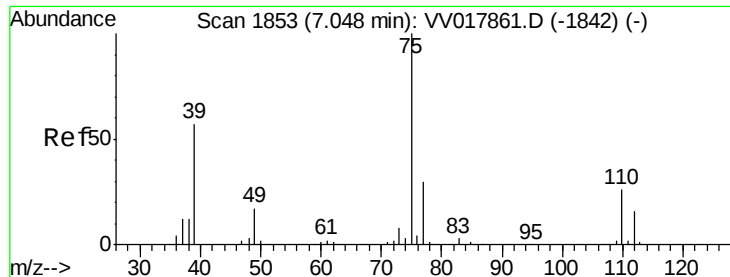
Trichloroethene
Concen: 2.374 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017871.D
Acq: 08 Aug 2020 22:06

Tgt Ion: 95 Resp: 3673
Ion Ratio Lower Upper
95 100
97 58.2 44.7 83.1
132 92.6 73.6 136.8
130 95.0 77.6 144.0



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

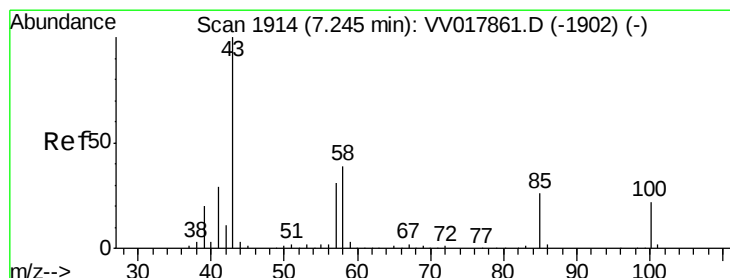
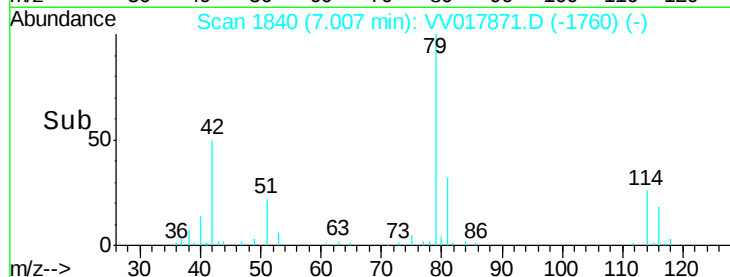
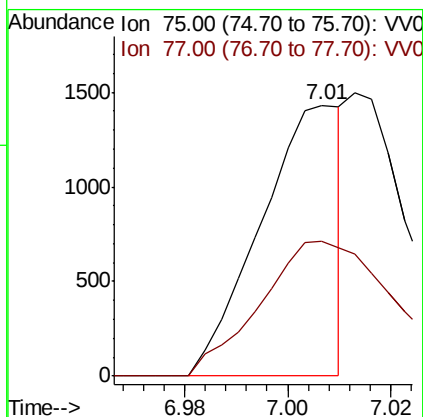
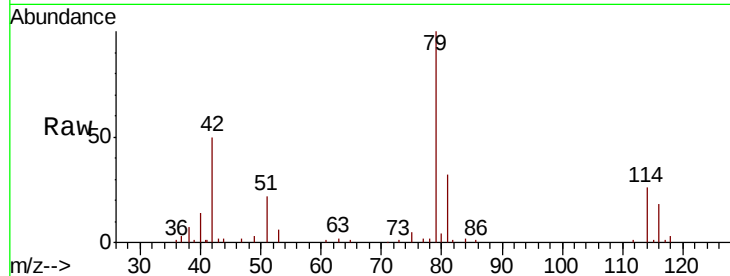




#39
 cis-1,3-Dichloropropene
 Concen: 0.811 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017871.D
 Acq: 08 Aug 2020 22:06

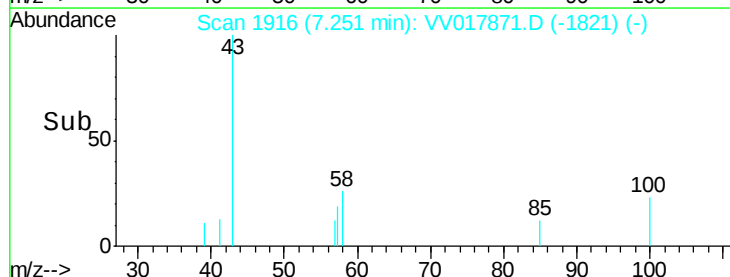
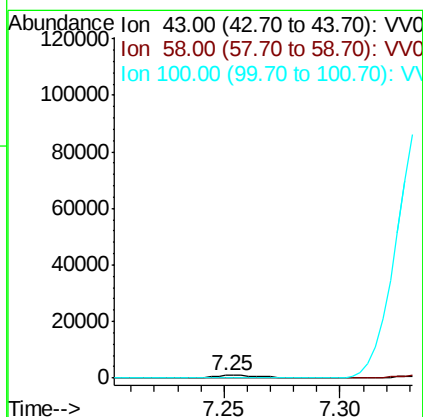
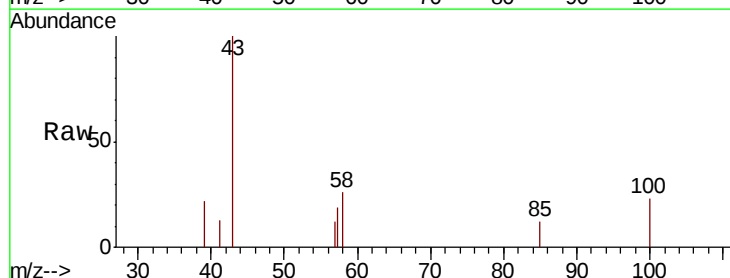
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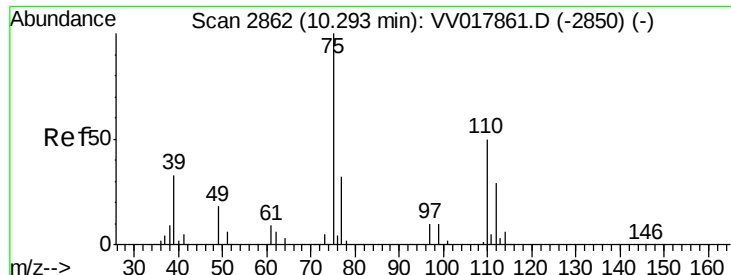
Tot Ion: 75 Resp: 1563
 Ion Ratio Lower Upper
 75 100
 77 49.9 23.7 44.1#



#40
 4-Methyl-2-pentanone
 Concen: 1.153 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV017871.D
 Acq: 08 Aug 2020 22:06

Tgt Ion: 43 Resp: 1684
 Ion Ratio Lower Upper
 43 100
 58 28.4 32.3 48.5#
 100 17.2 17.4 26.0#





#59

1,2,3-Trichloropropane

Concen: 5.275 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV017871.D

Acq: 08 Aug 2020 22:06

Instrument :

MSVOA_V

ClientSampleId :

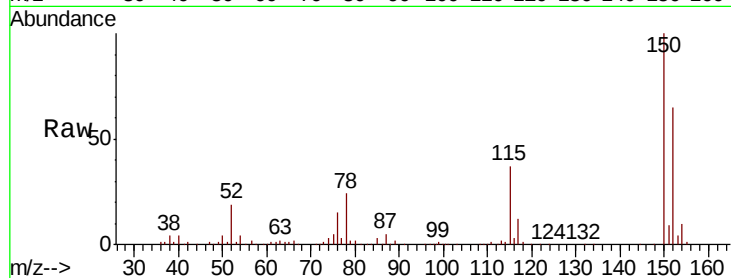
F2L58

Tot Ion: 75 Resp: 9097

Ion Ratio Lower Upper

75 100

77 50.8 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

