

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016688.D
 Acq On : 09 Jun 2020 02:55
 Operator : SY/MD
 Sample : L2895-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW0M2

Quant Time: Jun 09 03:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:29:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	345819	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147059	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106532	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.32%
7) Chloroethane-d5	1.57	69	72626	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	144029	35.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.30%
21) 2-Butanone-d5	3.90	46	182508	101.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.05%
24) Chloroform-d	4.37	84	233246	47.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.02%
26) 1,2-Dichloroethane-d4	5.05	65	167772	49.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.42%
32) Benzene-d6	5.07	84	458502	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
36) 1,2-Dichloropropane-d6	6.09	67	145141	49.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.88%
41) Toluene-d8	7.34	98	404896	47.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.64%
43) trans-1,3-Dichloropropene-	7.64	79	65618	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.11	63	122267	96.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184590	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	161376	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%

Target Compounds

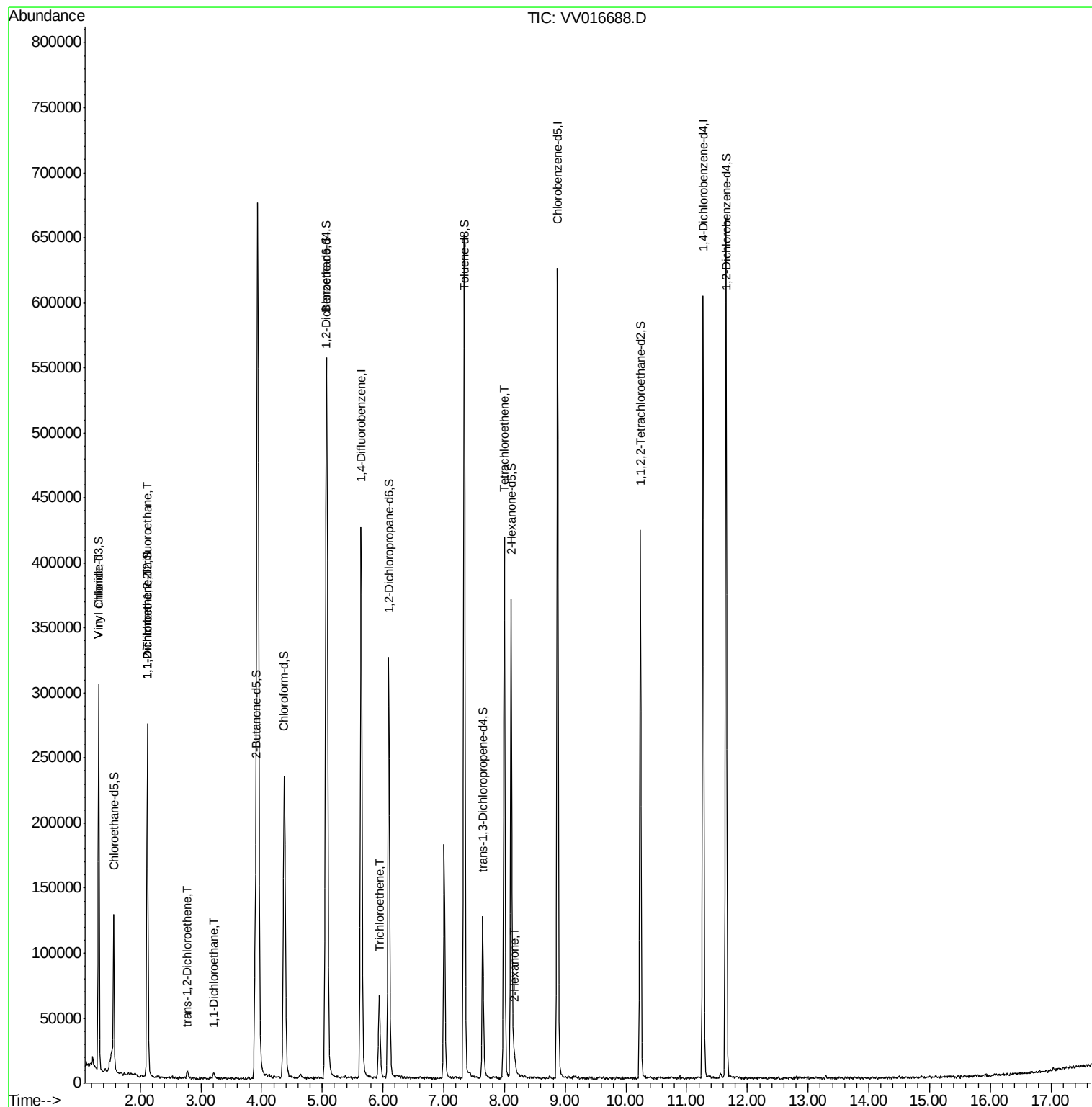
					Ovalue
5) Vinyl chloride	1.32	62	86617	35.130 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1179	0.641 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	2494	1.453 ug/L #	1
17) trans-1,2-Dichloroethene	2.78	96	2024	0.865 ug/L	89
19) 1,1-Dichloroethane	3.21	63	4816	1.093 ug/L	96
34) Trichloroethene	5.94	95	19079	7.433 ug/L	95
46) Tetrachloroethene	8.00	164	88930	44.054 ug/L	99
48) 2-Hexanone	8.16	43	9161	3.350 ug/L #	77

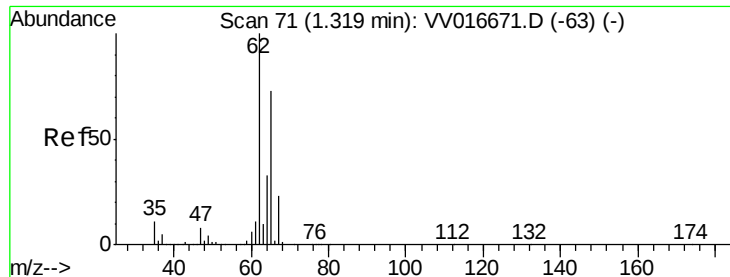
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:29:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 35.130 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

Instrument :

MSVOA_V

ClientSampleId :

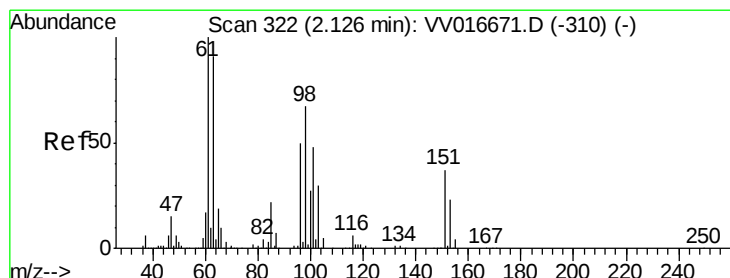
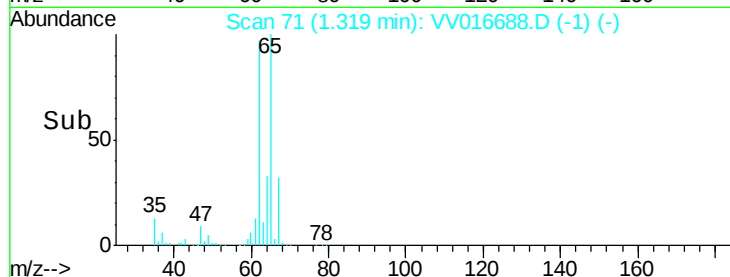
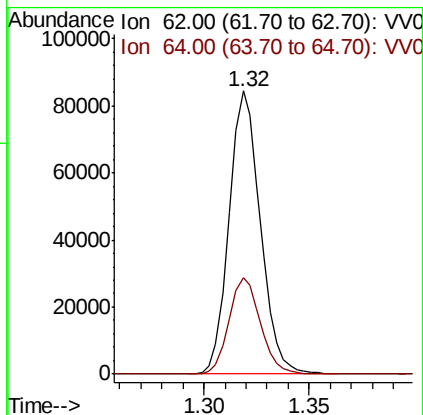
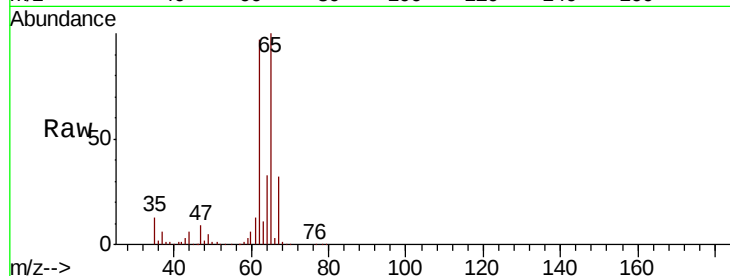
EW0M2

Tot Ion: 62 Resp: 86617

Ion Ratio Lower Upper

62 100

64 34.2 22.3 41.5



#10

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

Concen: 0.641 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

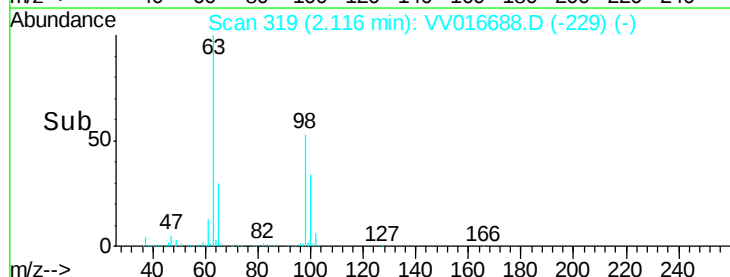
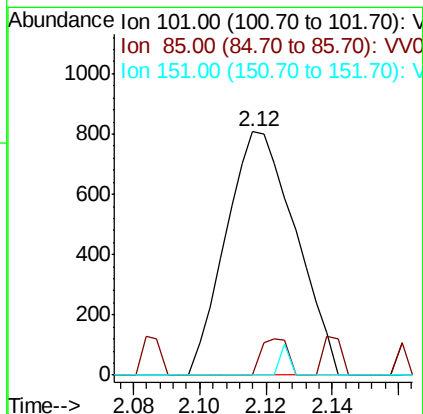
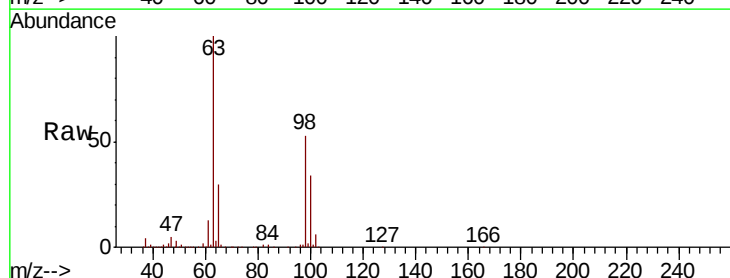
Tgt Ion: 101 Resp: 1179

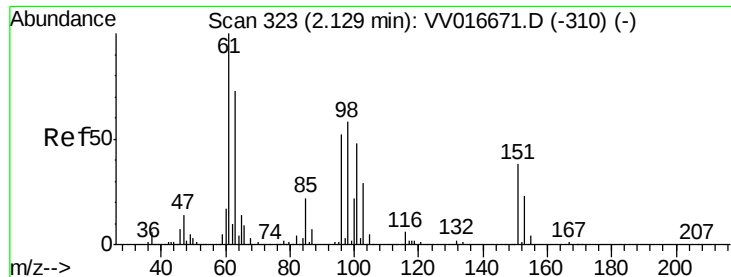
Ion Ratio Lower Upper

101 100

85 5.6 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 1.453 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

Instrument :

MSVOA_V

ClientSampled :

EW0M2

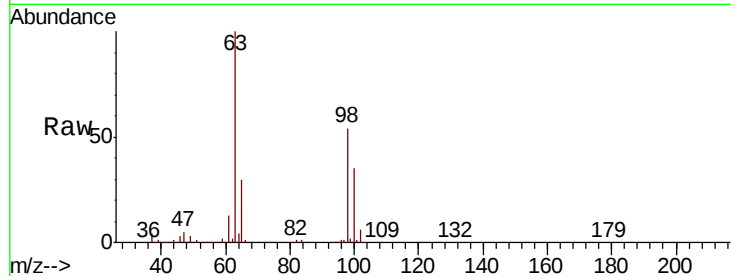
Tot Ion: 96 Resp: 2494

Ion Ratio Lower Upper

96 100

61 1044.6 130.4 242.2#

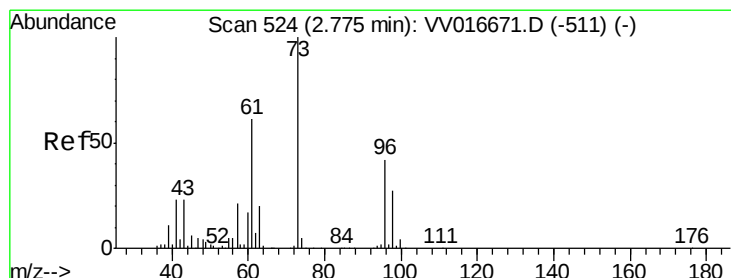
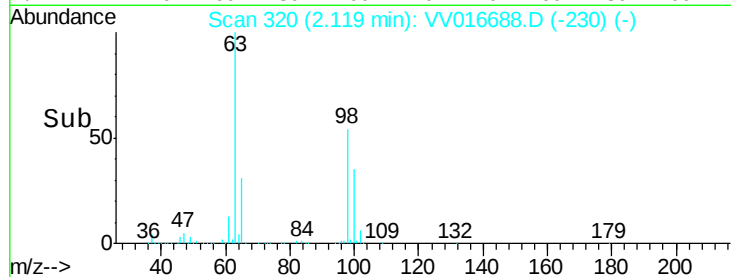
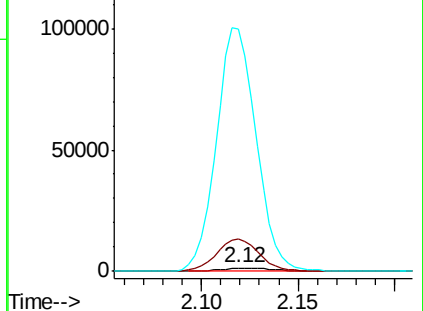
63 7863.7 103.3 191.9#



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: 0.865 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.01 min

Lab File: VV016688.D

Acq: 09 Jun 2020 02:55

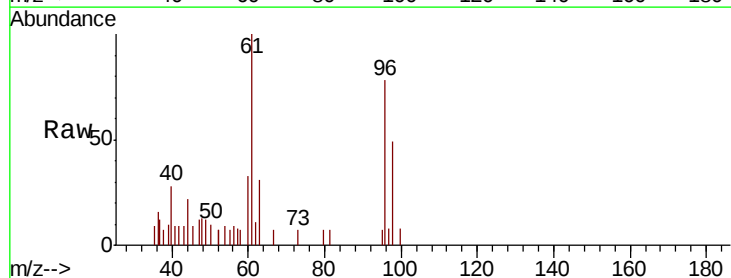
Tgt Ion: 96 Resp: 2024

Ion Ratio Lower Upper

96 100

61 128.4 102.9 191.1

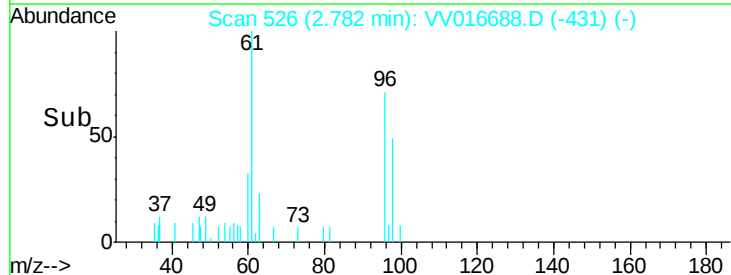
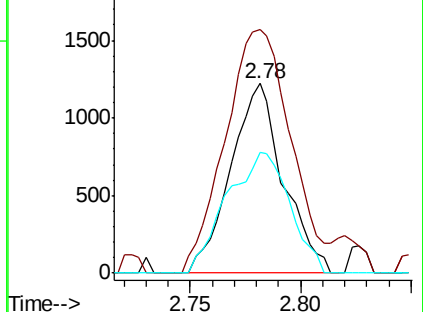
98 63.5 45.5 84.5

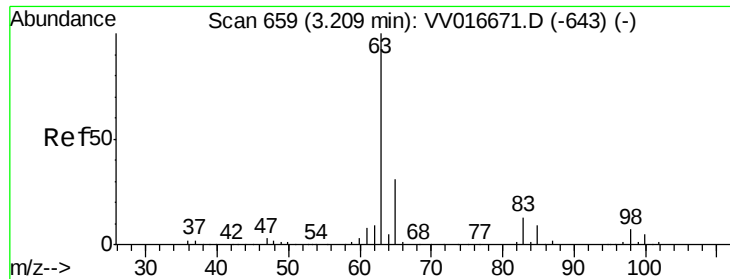


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

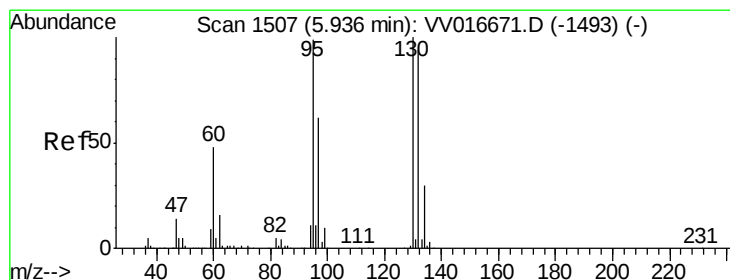
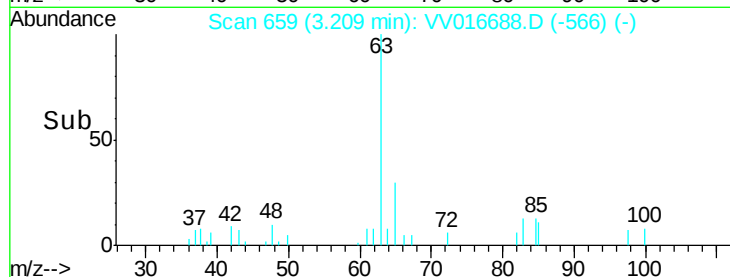
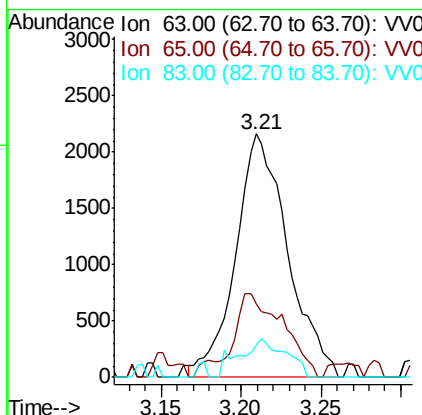
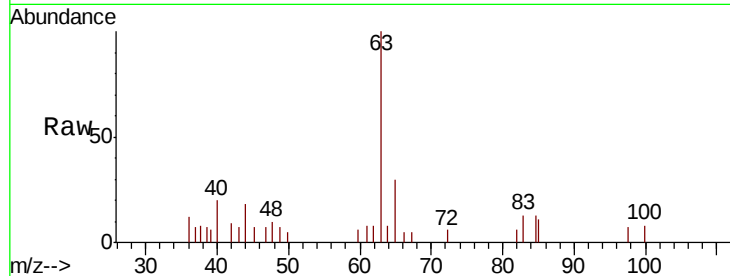




#19
 1,1-Dichloroethane
 Concen: 1.093 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV016688.D
 Acq: 09 Jun 2020 02:55

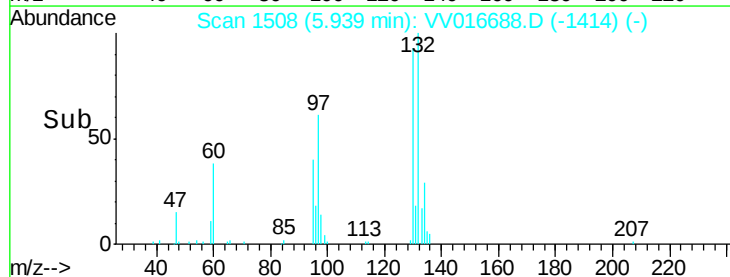
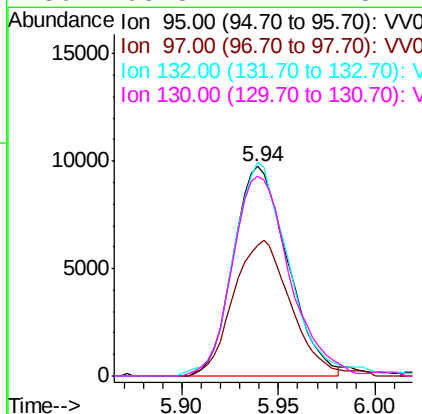
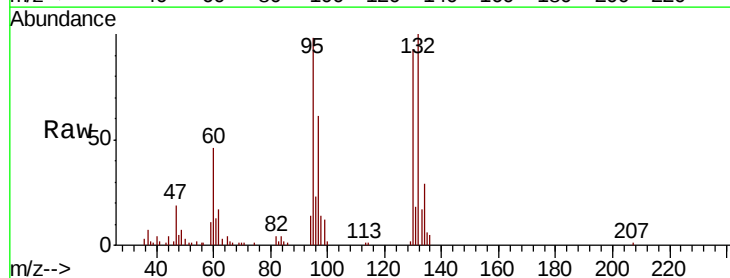
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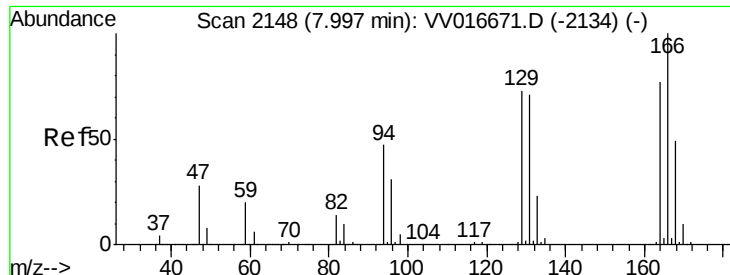
Tot Ion: 63 Resp: 4816
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.2 43.0
 83 13.2 10.0 18.6



#34
 Trichloroethene
 Concen: 7.433 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016688.D
 Acq: 09 Jun 2020 02:55

Tgt Ion: 95 Resp: 19079
 Ion Ratio Lower Upper
 95 100
 97 62.5 44.3 82.3
 132 102.0 67.9 126.1
 130 95.3 72.2 134.2

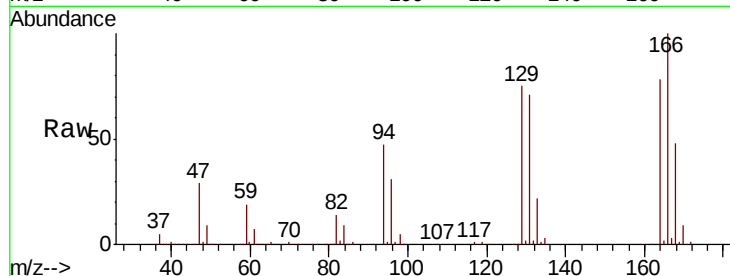




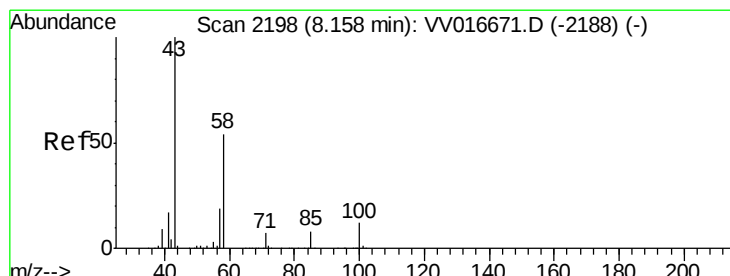
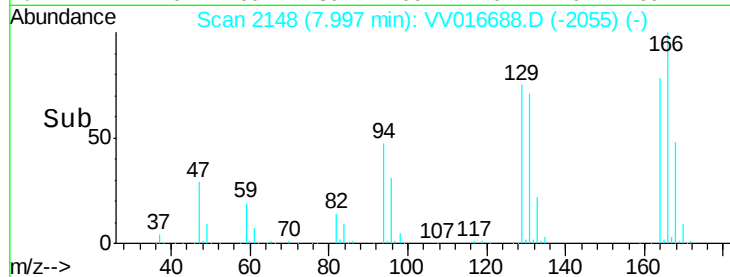
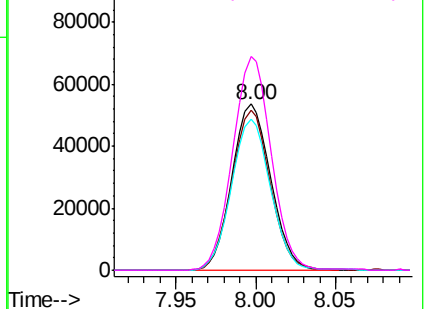
#46
Tetrachloroethene
Concen: 44.054 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016688.D
Acq: 09 Jun 2020 02:55

Instrument :
MSVOA_V
ClientSampleId :
EW0M2

Tot Ion:164 Resp: 88930
Ion Ratio Lower Upper
164 100
129 96.2 67.0 124.4
131 91.1 64.8 120.3
166 128.7 90.4 167.8

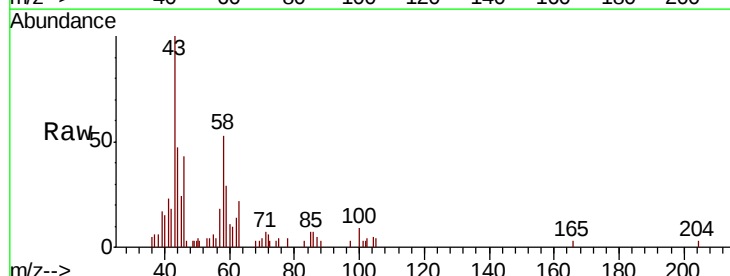


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 3.350 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016688.D
Acq: 09 Jun 2020 02:55

Tgt Ion: 43 Resp: 9161
Ion Ratio Lower Upper
43 100
58 34.7 43.1 64.7#
57 11.0 15.3 22.9#
100 6.9 10.0 15.0#



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

