

Data File : VV012428.D
Acq On : 27 Aug 2019 15:28
Operator : SY/MD
Sample : K4500-21
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL5

Quant Time: Aug 28 07:40:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 28 07:35:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	223854	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	225361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36258	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.58	69	43165	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.13	63	80837	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	3.94	46	116051	38.49	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.98%
24) Chloroform-d	4.40	84	110440	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	60915	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	240403	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.12	67	76428	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	188326	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.66	79	23066	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.13	63	68967	35.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42228	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	64253	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

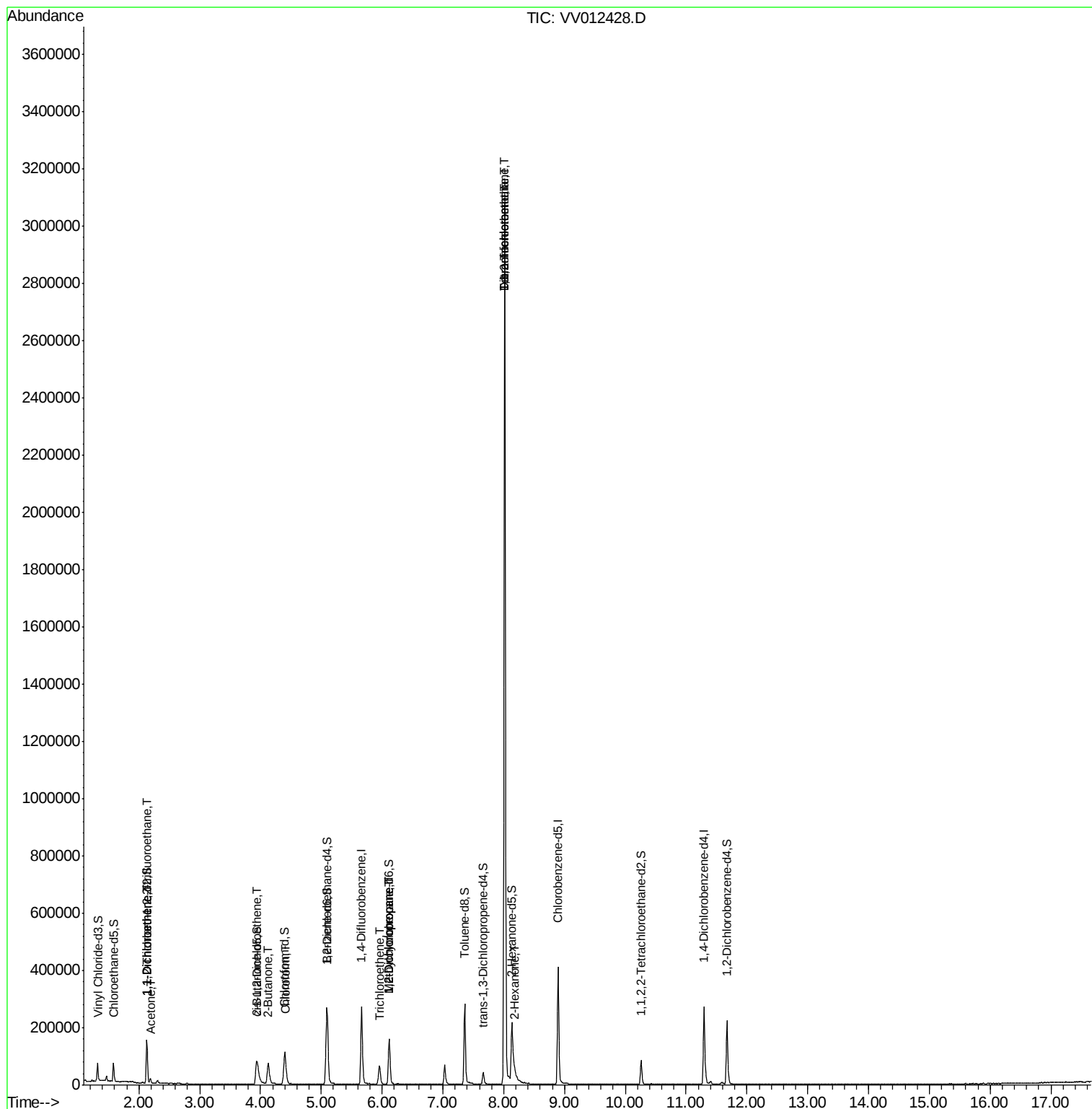
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	706	0.071	ug/L #	15
12) 1,1-Dichloroethene	2.13	96	851	0.095	ug/L #	1
13) Acetone	2.19	43	12772	9.791	ug/L	99
21) 2-Butanone	4.13	43	113788	37.140	ug/L #	51
22) cis-1,2-Dichloroethene	3.96	96	7513	0.516	ug/L	100
25) Chloroform	4.42	83	14288	0.516	ug/L	94
34) Trichloroethene	5.96	95	19263	1.242	ug/L	98
35) Methylcyclohexane	6.12	83	18290	0.751	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8069	0.554	ug/L #	86
45) 1,1,2-Trichloroethane	8.02	97	6121	0.649	ug/L #	1
47) Tetrachloroethene	8.02	164	684976	54.737	ug/L	97
48) 2-Hexanone	8.18	43	17743	3.152	ug/L #	70
49) Dibromochloromethane	8.02	129	588168	52.027	ug/L #	11

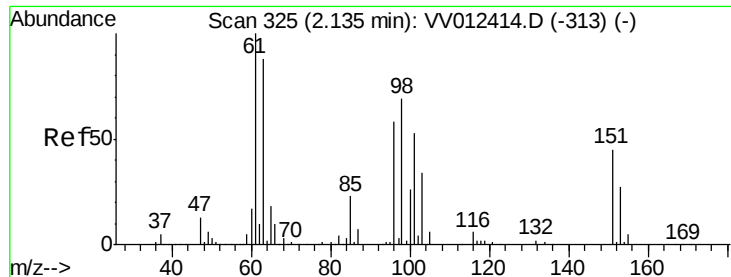
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.071 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

GANL5

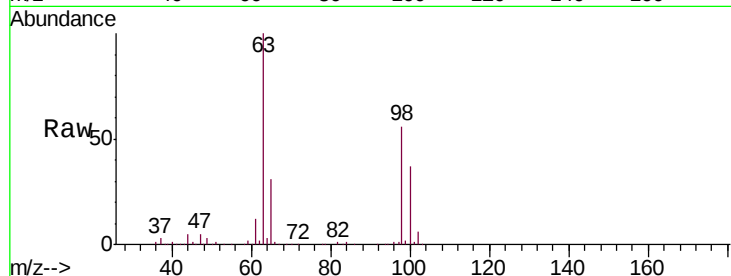
Tgt Ion: 101 Resp: 706

Ion Ratio Lower Upper

101 100

85 3.0 34.6 51.8#

151 0.0 71.2 106.8#



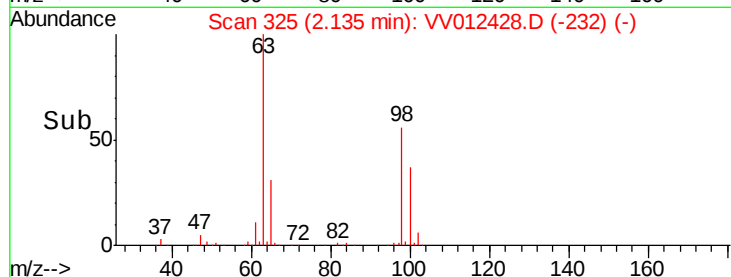
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

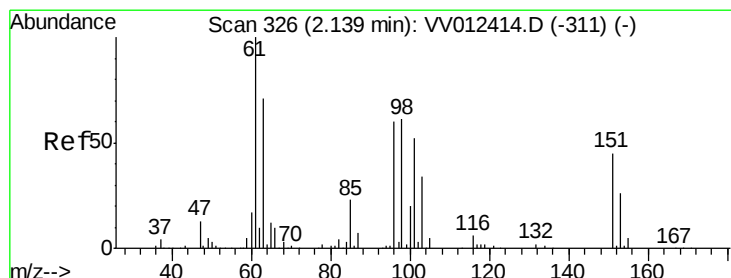
Ion 151.00 (150.70 to 151.70): V

2.14

2.10 2.12 2.14 2.16



Time-->



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

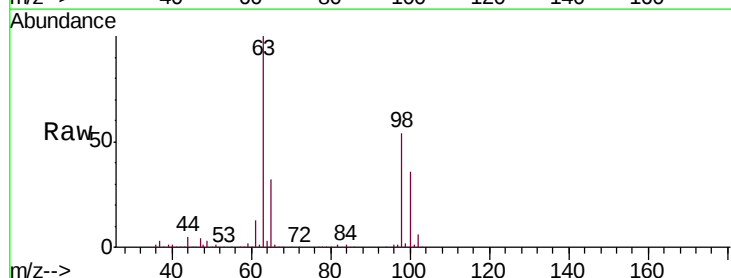
Tgt Ion: 96 Resp: 851

Ion Ratio Lower Upper

96 100

61 1264.0 122.3 227.1#

63 9909.7 90.6 168.2#



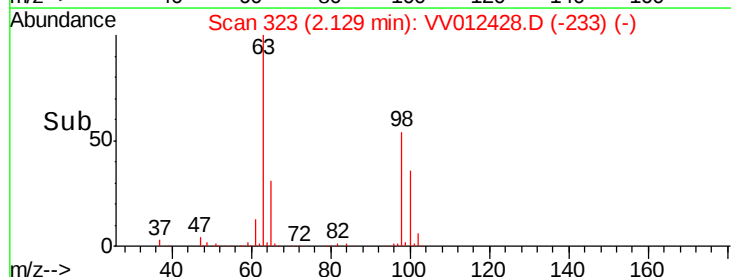
Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

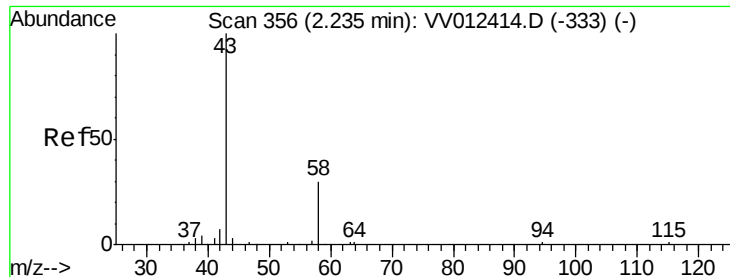
Ion 63.00 (62.70 to 63.70): VV0

2.13

2.10 2.12 2.14 2.16



Time-->



#13

Acetone

Concen: 9.791 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.05 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

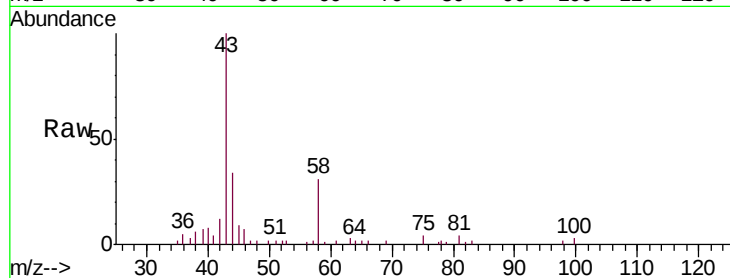
GANL5

Tgt Ion: 43 Resp: 12772

Ion Ratio Lower Upper

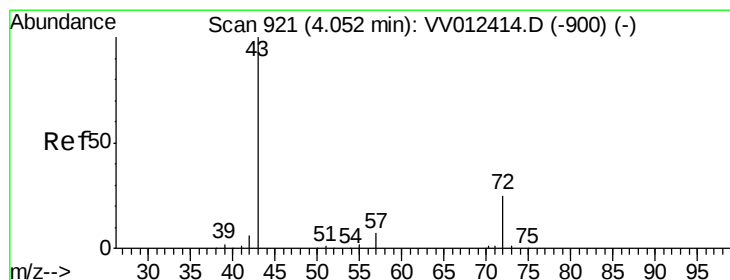
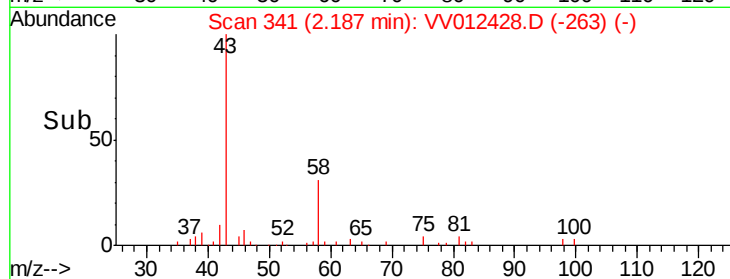
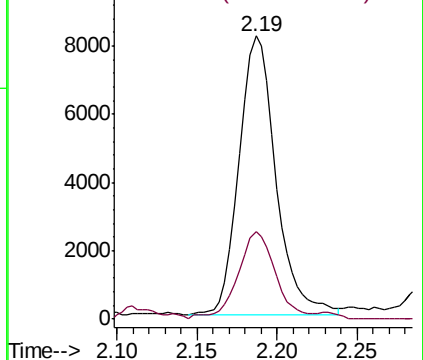
43 100

58 32.2 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 37.140 ug/L

RT: 4.13 min Scan# 944

Delta R.T. 0.07 min

Lab File: VV012428.D

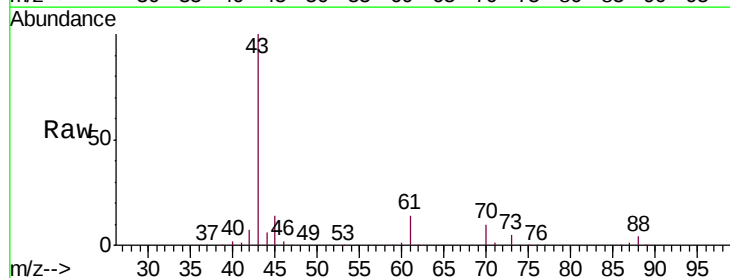
Acq: 27 Aug 2019 15:28

Tgt Ion: 43 Resp: 113788

Ion Ratio Lower Upper

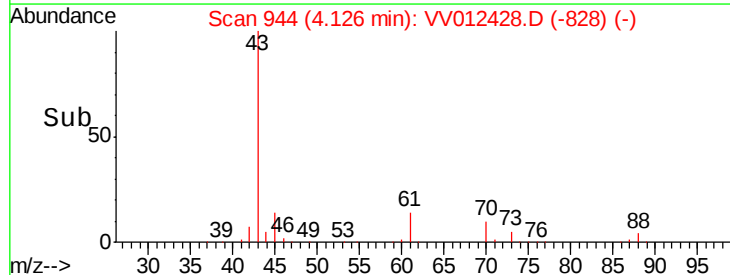
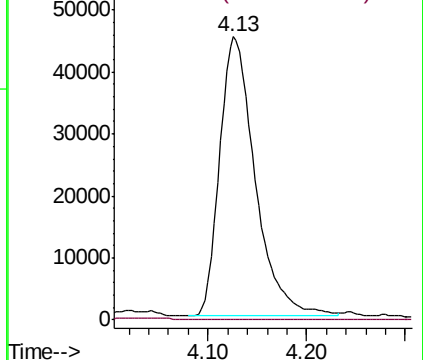
43 100

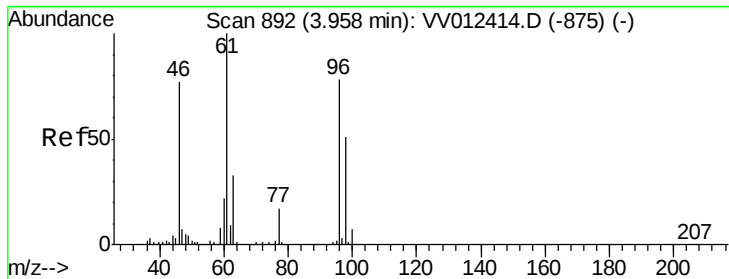
72 0.1 12.2 36.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

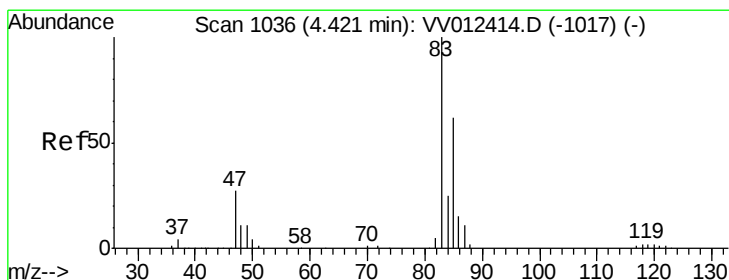
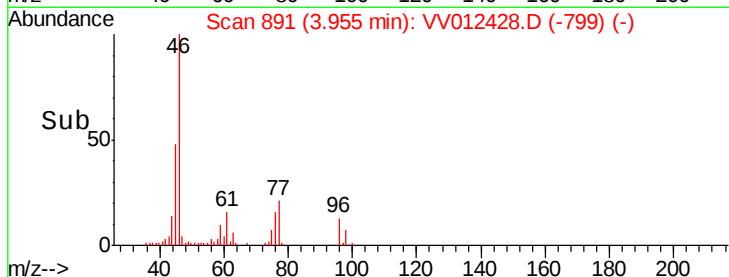
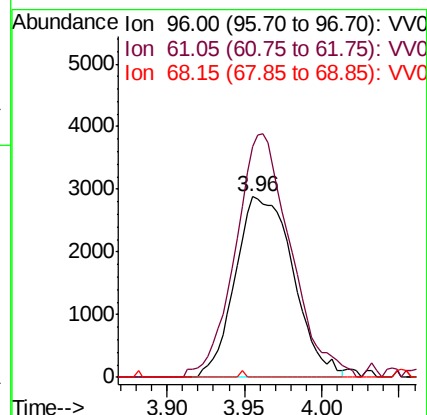
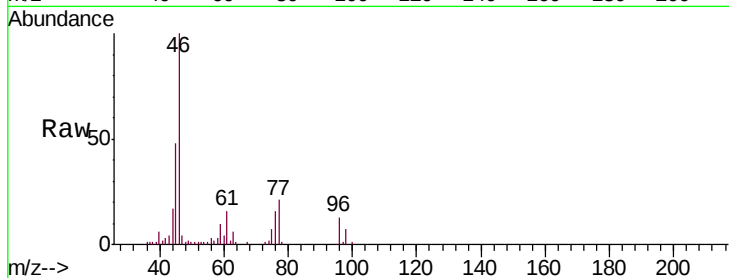




#22
 cis-1,2-Dichloroethene
 Concen: 0.516 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV012428.D
 Acq: 27 Aug 2019 15:28

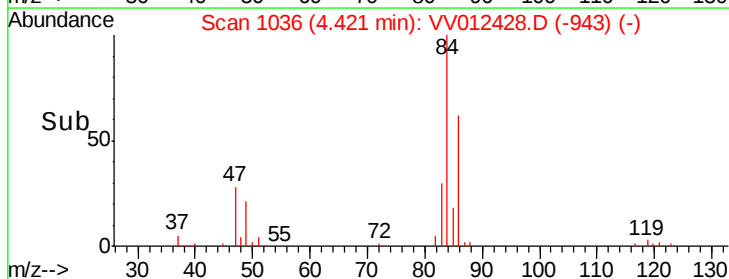
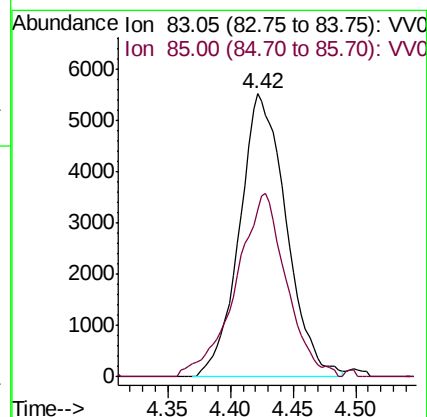
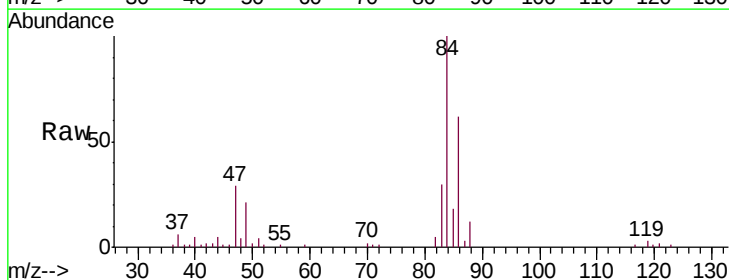
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 GANL5

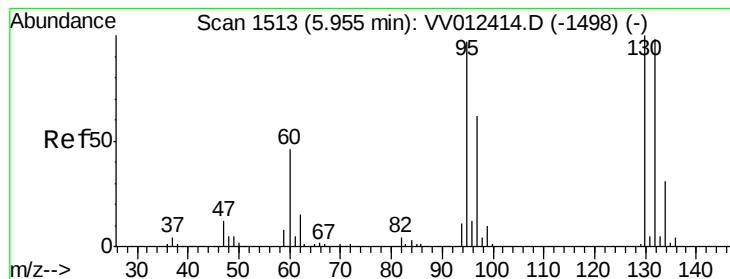
Tgt Ion: 96 Resp: 7513
 Ion Ratio Lower Upper
 96 100
 61 127.8 89.4 166.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.516 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV012428.D
 Acq: 27 Aug 2019 15:28

Tgt Ion: 83 Resp: 14288
 Ion Ratio Lower Upper
 83 100
 85 58.9 44.6 82.8





#34

Trichloroethene

Concen: 1.242 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

GANL5

Tgt Ion: 95 Resp: 19263

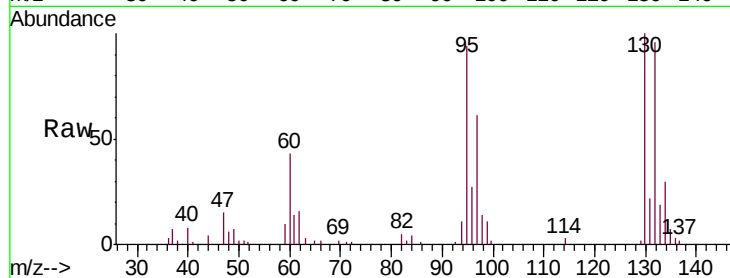
Ion Ratio Lower Upper

95 100

97 65.1 46.3 86.1

132 102.9 70.3 130.7

130 106.8 72.4 134.5

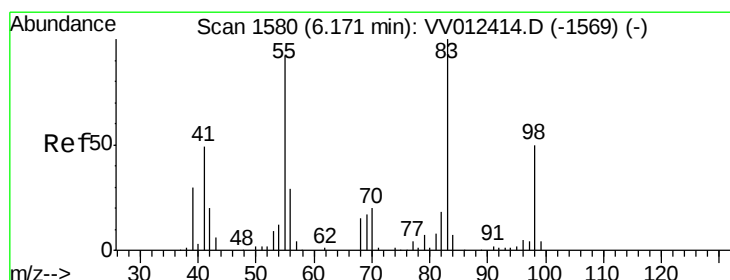
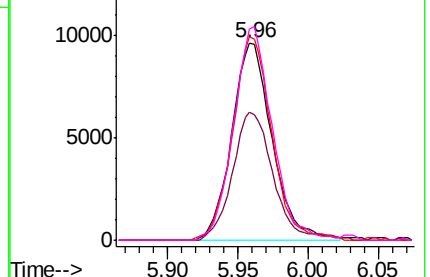
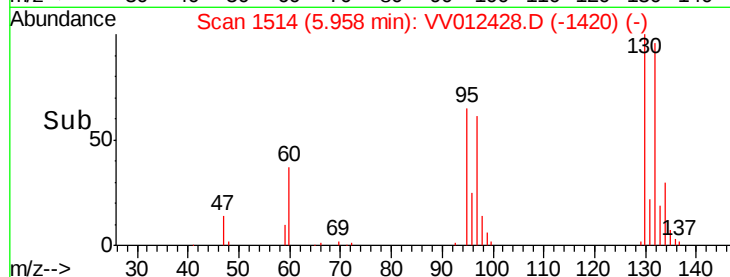


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

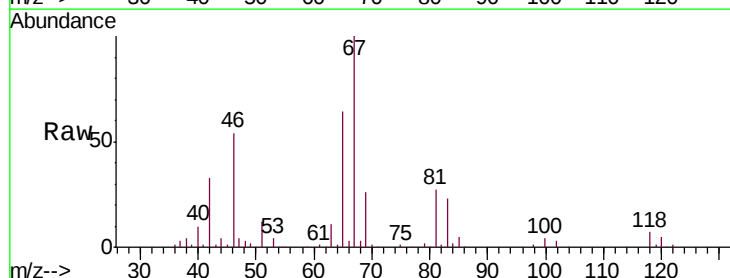
Tgt Ion: 83 Resp: 18290

Ion Ratio Lower Upper

83 100

55 0.6 64.6 97.0#

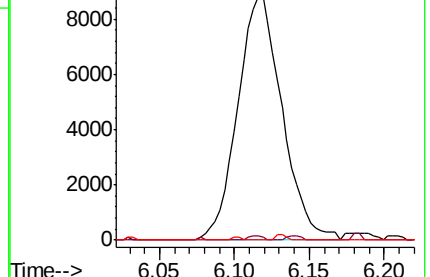
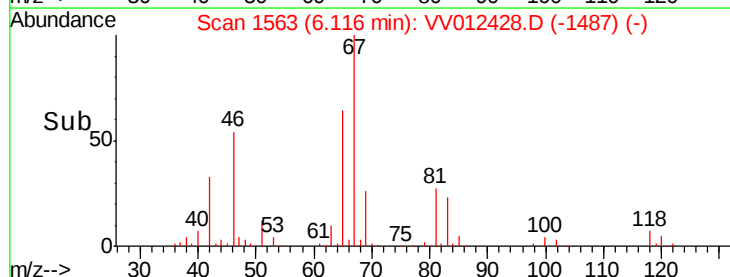
98 0.0 39.0 58.4#

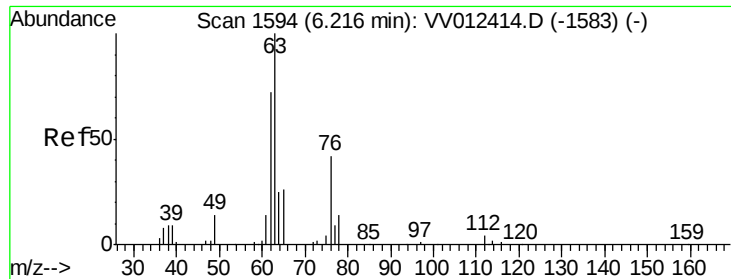


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Instrument :

MSVOA_V

ClientSampleId :

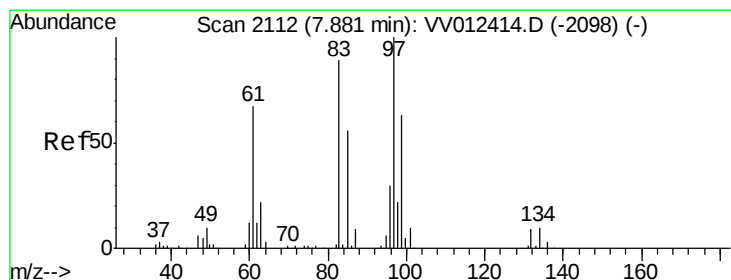
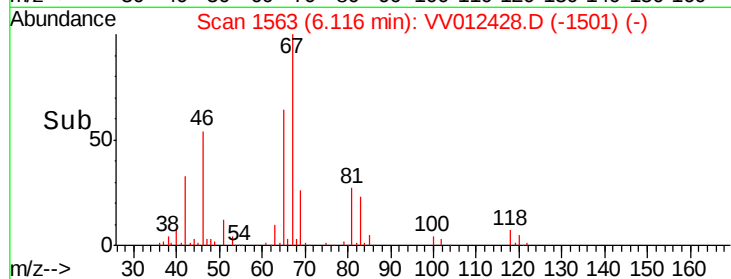
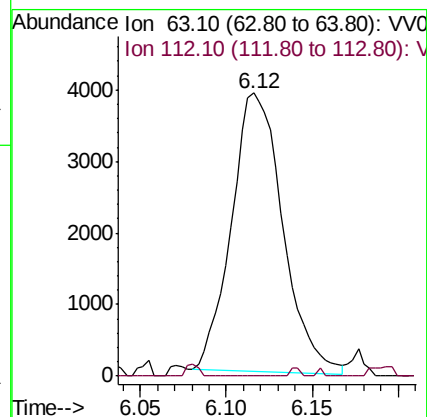
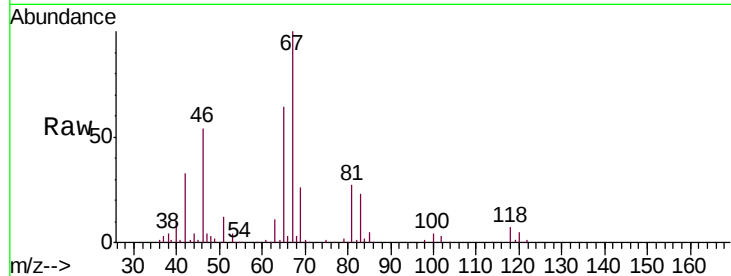
GANL5

Tgt Ion: 63 Resp: 8069

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#45

1,1,2-Trichloroethane

Concen: 0.649 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.14 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Tgt Ion: 97 Resp: 6121

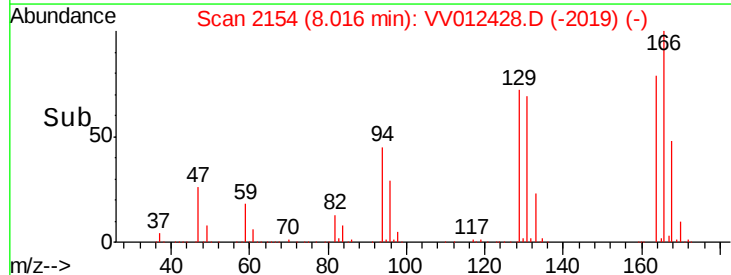
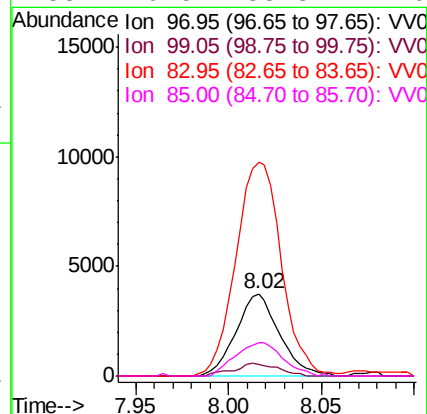
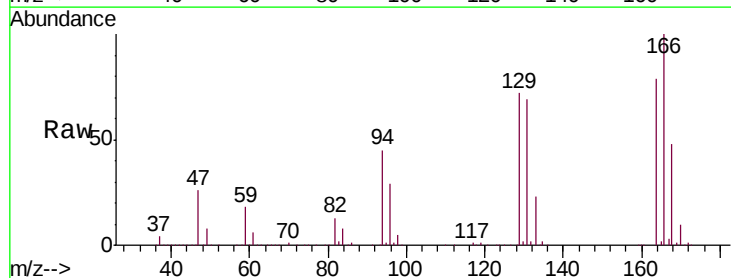
Ion Ratio Lower Upper

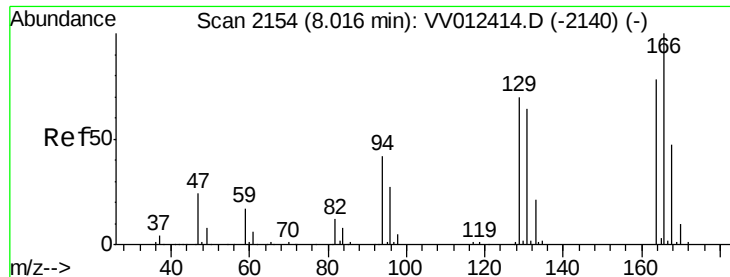
97 100

99 14.4 45.0 83.6#

83 258.6 59.3 110.1#

85 40.5 38.8 72.0

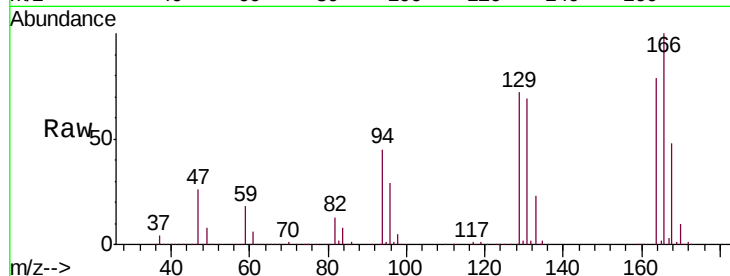




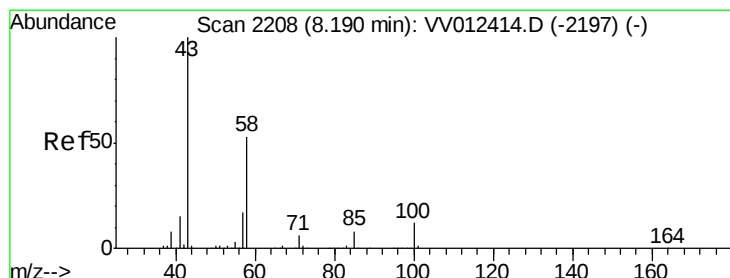
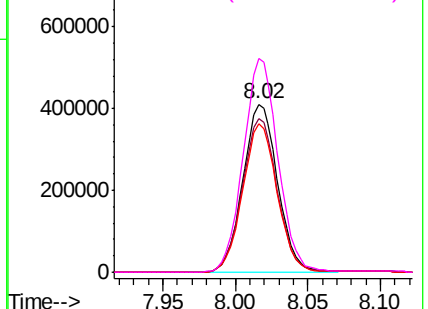
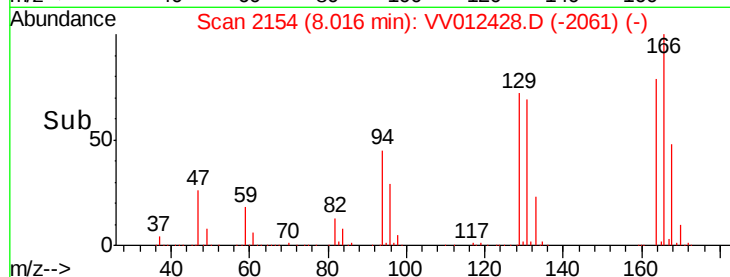
#47
Tetrachloroethene
Concen: 54.737 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012428.D
Acq: 27 Aug 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :
GANL5

Tgt Ion:	164	Resp:	684976
Ion	Ratio	Lower	Upper
164	100		
129	91.3	60.6	112.6
131	88.0	58.8	109.2
166	126.9	87.6	162.8

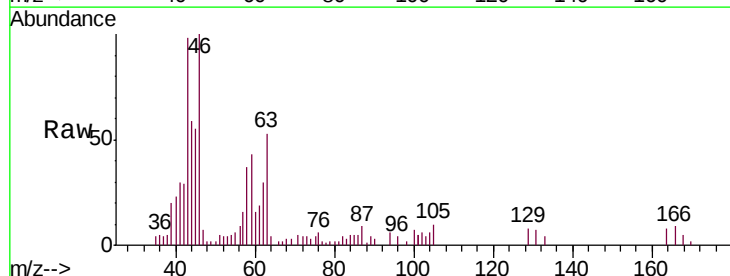


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

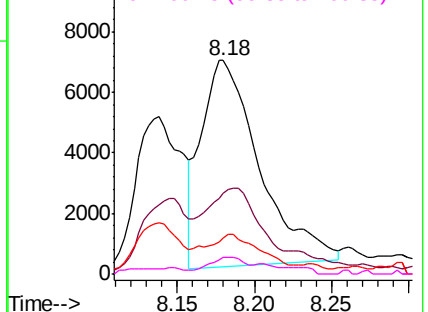
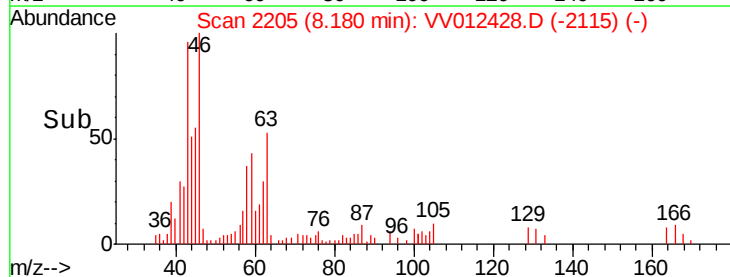


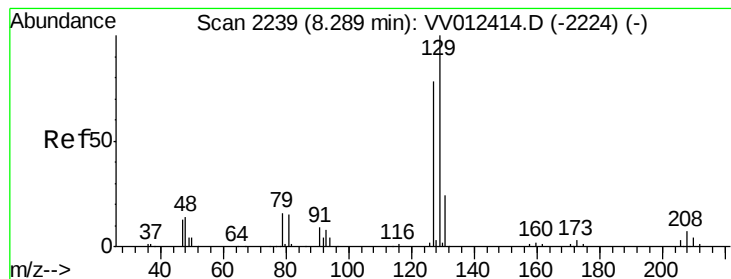
#48
2-Hexanone
Concen: 3.152 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.01 min
Lab File: VV012428.D
Acq: 27 Aug 2019 15:28

Tgt Ion:	43	Resp:	17743
Ion	Ratio	Lower	Upper
43	100		
58	28.5	46.3	69.5#
57	15.6	14.9	22.3
100	3.6	9.7	14.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 52.027 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012428.D

Acq: 27 Aug 2019 15:28

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:129 Resp: 588168

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#

