

Data File : VV012467.D
Acq On : 30 Aug 2019 20:53
Operator : SY/MD
Sample : K4500-21
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL5

Quant Time: Aug 31 01:42:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196665	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203410	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74474	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11645	0.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	13.20%#
7) Chloroethane-d5	1.58	69	12326	0.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	19.40%#
11) 1,1-Dichloroethene-d2	2.13	63	28059	0.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	19.60%#
20) 2-Butanone-d5	3.95	46	167840	46.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.96%
24) Chloroform-d	4.40	84	99705	3.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.20%#
26) 1,2-Dichloroethane-d4	5.08	65	42270	2.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.80%#
32) Benzene-d6	5.10	84	124992	2.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	41.20%#
36) 1,2-Dichloropropane-d6	6.12	67	60091	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.20%
41) Toluene-d8	7.36	98	106446	1.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	38.80%#
43) trans-1,3-Dichloropropene-	7.66	79	18271	2.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.60%#
46) 2-Hexanone-d5	8.14	63	115711	43.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	58540	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	67171	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

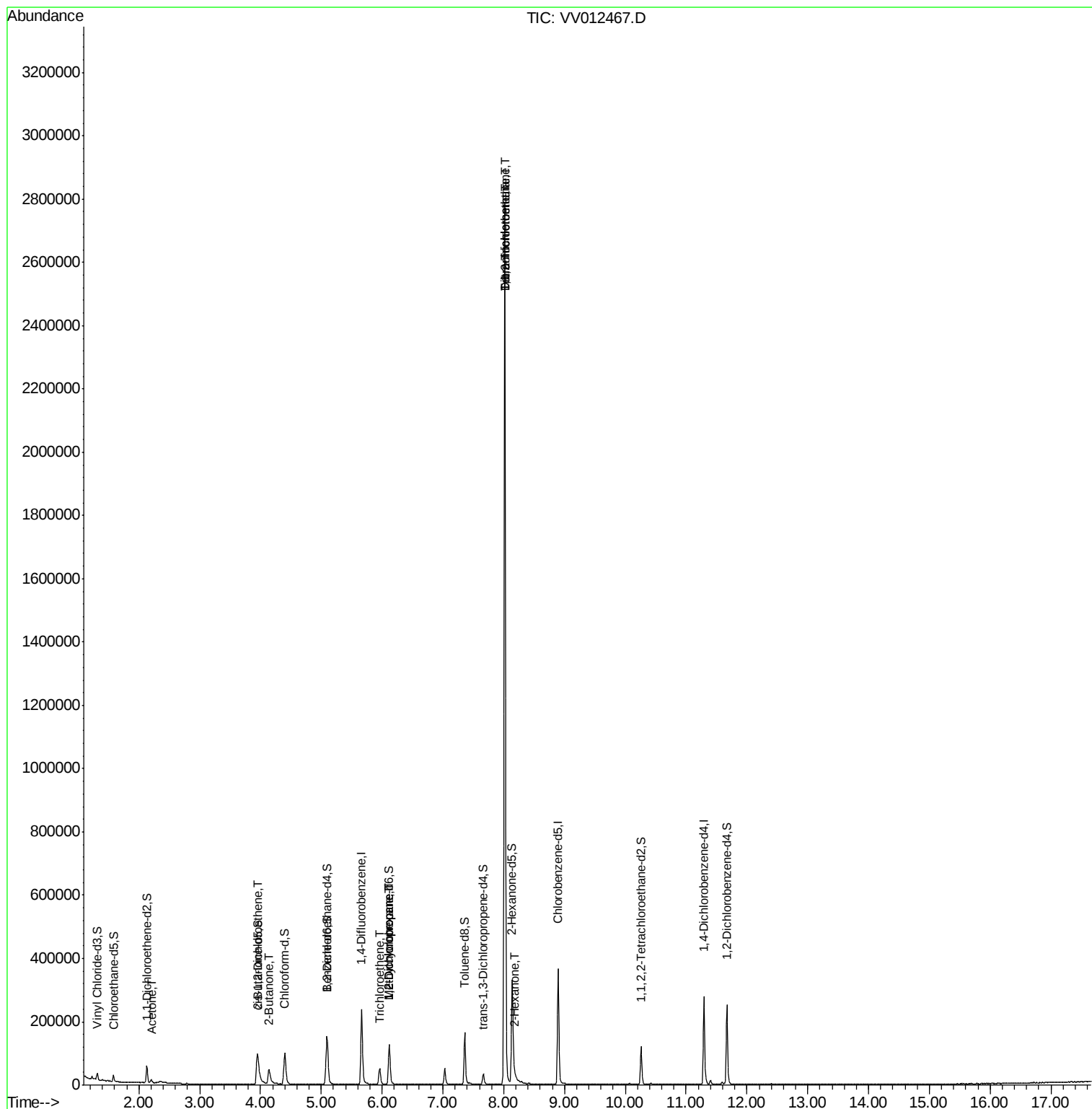
						Qvalue
13) Acetone	2.20	43	12369	4.738	ug/L	88
21) 2-Butanone	4.14	43	75108	15.651	ug/L #	52
22) cis-1,2-Dichloroethene	3.96	96	6737	0.337	ug/L	100
34) Trichloroethene	5.96	95	17085	0.796	ug/L	93
35) Methylcyclohexane	6.12	83	14809	0.454	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	6605	0.301	ug/L #	88
45) 1,1,2-Trichloroethane	8.02	97	5401	0.371	ug/L #	1
47) Tetrachloroethene	8.02	164	621989	36.215	ug/L	99
48) 2-Hexanone	8.19	43	5661	0.668	ug/L #	86
49) Dibromochloromethane	8.02	129	550129	32.797	ug/L #	11

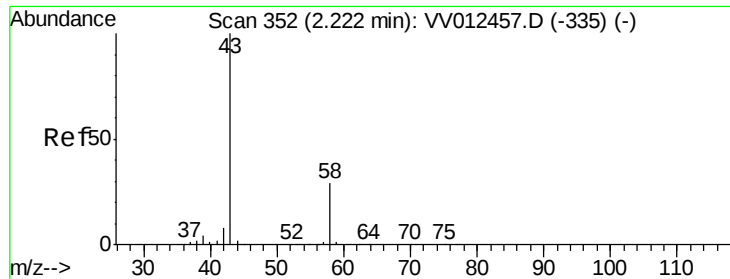
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012467.D
Acq On : 30 Aug 2019 20:53
Operator : SY/MD
Sample : K4500-21
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL5

Quant Time: Aug 31 01:42:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.738 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Instrument :

MSVOA_V

ClientSampleId :

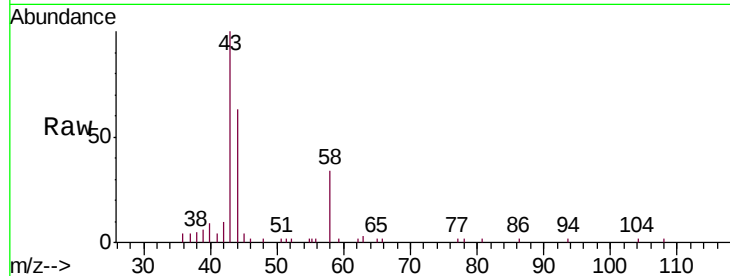
GANL5

Tgt Ion: 43 Resp: 12369

Ion Ratio Lower Upper

43 100

58 34.6 0.0 56.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

6000

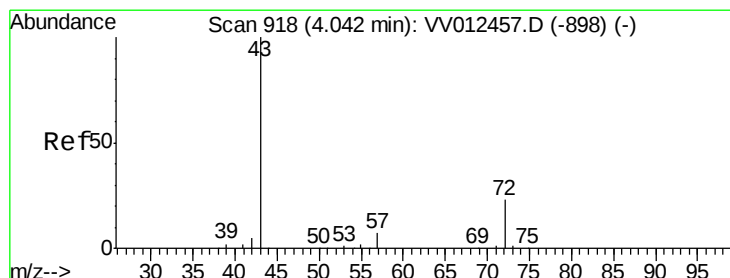
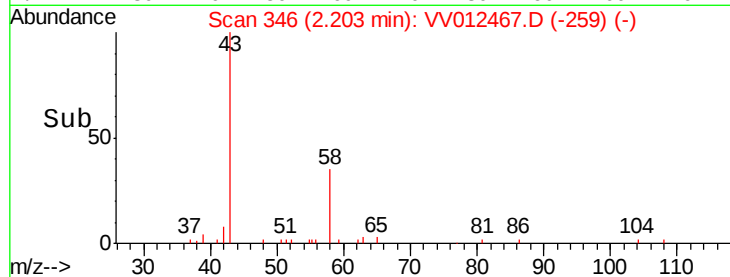
4000

2000

0

Time-->

2.15 2.20 2.25 2.30



#21

2-Butanone

Concen: 15.651 ug/L

RT: 4.14 min Scan# 948

Delta R.T. 0.10 min

Lab File: VV012467.D

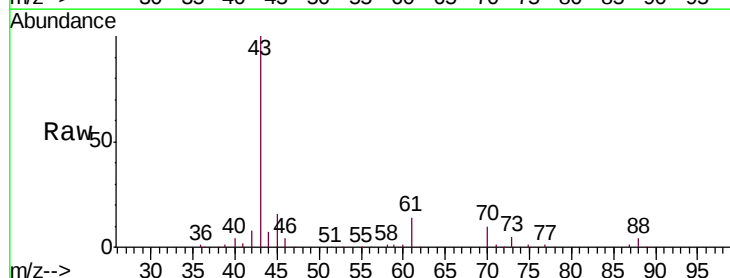
Acq: 30 Aug 2019 20:53

Tgt Ion: 43 Resp: 75108

Ion Ratio Lower Upper

43 100

72 0.1 11.8 35.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

4.14

30000

25000

20000

15000

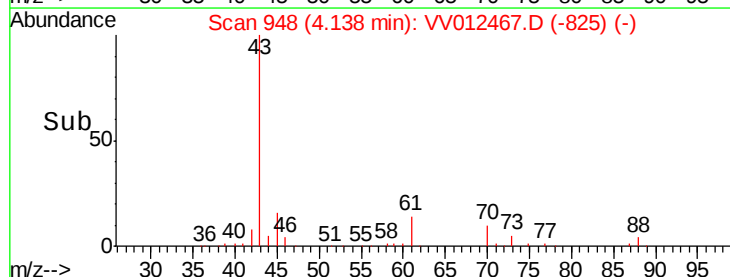
10000

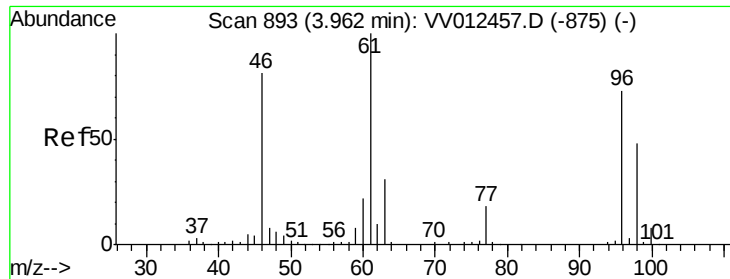
5000

0

Time-->

4.05 4.10 4.15 4.20 4.25

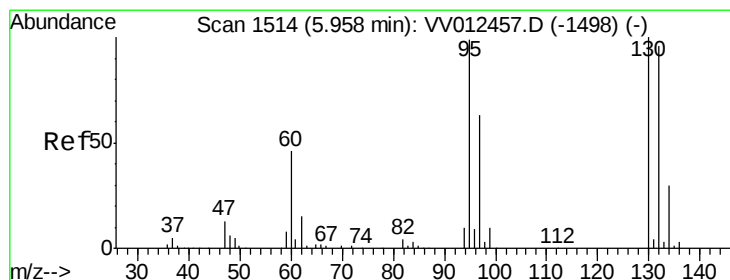
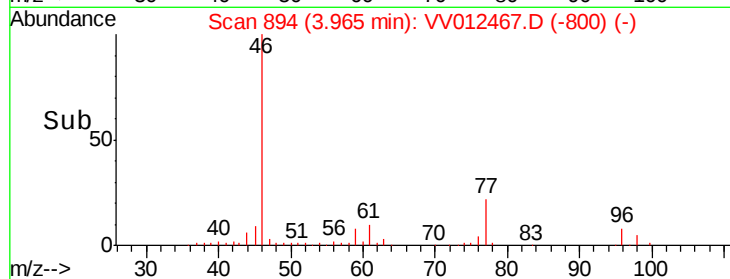
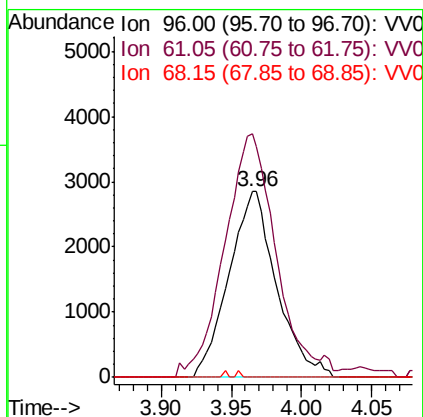
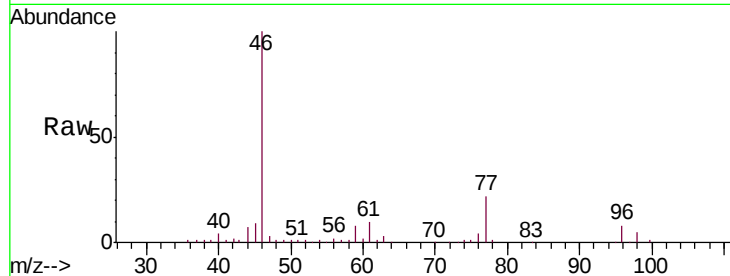




#22
 cis-1,2-Dichloroethene
 Concen: 0.337 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV012467.D
 Acq: 30 Aug 2019 20:53

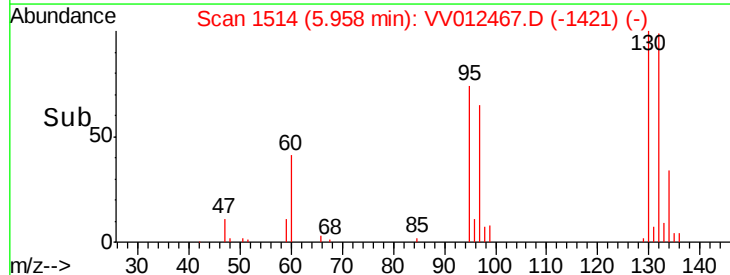
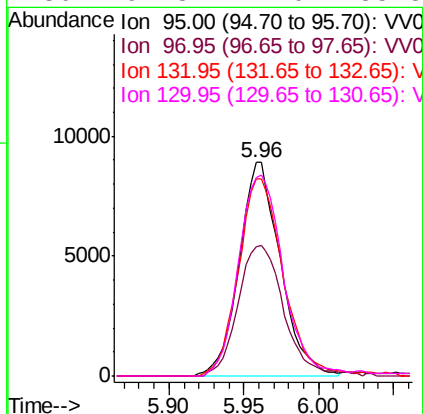
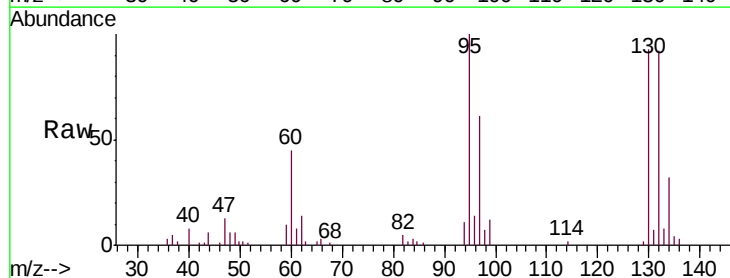
Instrument :
 MSVOA_V
 ClientSampleId :
 GANL5

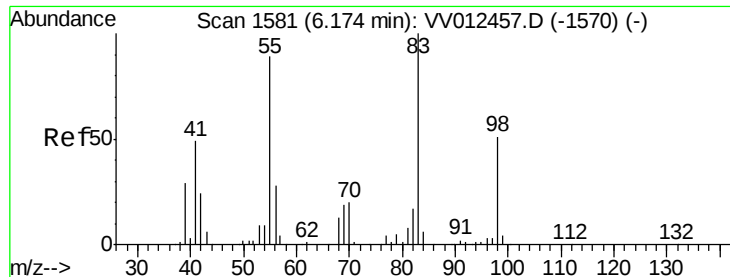
Tgt Ion: 96 Resp: 6737
 Ion Ratio Lower Upper
 96 100
 61 131.1 91.5 169.9
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.796 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV012467.D
 Acq: 30 Aug 2019 20:53

Tgt Ion: 95 Resp: 17085
 Ion Ratio Lower Upper
 95 100
 97 60.8 45.8 85.2
 132 92.2 68.3 126.9
 130 92.8 72.0 133.8





#35

Methylcyclohexane

Concen: 0.454 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Instrument :

MSVOA_V

ClientSampleId :

GANL5

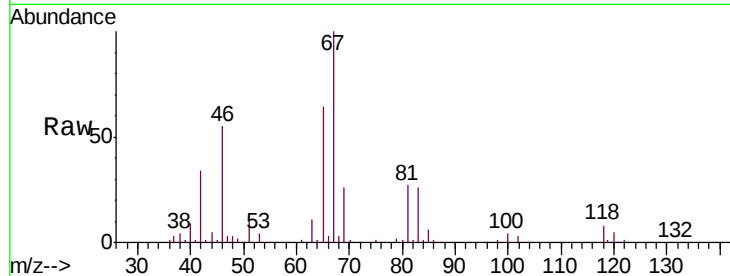
Tgt Ion: 83 Resp: 14809

Ion Ratio Lower Upper

83 100

55 0.1 67.8 101.6#

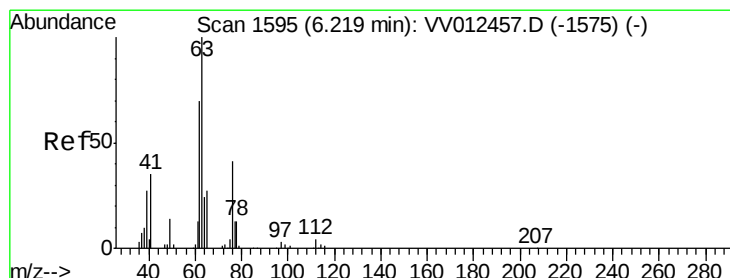
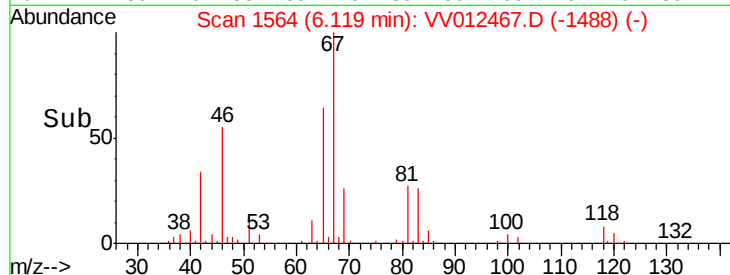
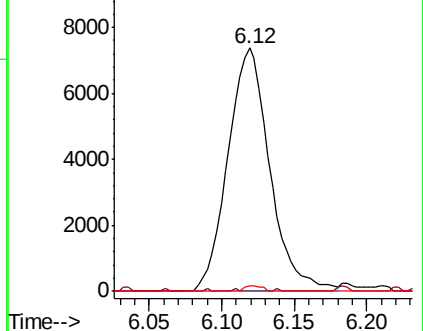
98 0.9 39.2 58.8#



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: 0.301 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012467.D

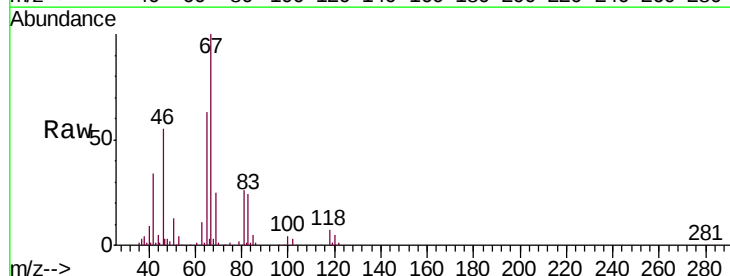
Acq: 30 Aug 2019 20:53

Tgt Ion: 63 Resp: 6605

Ion Ratio Lower Upper

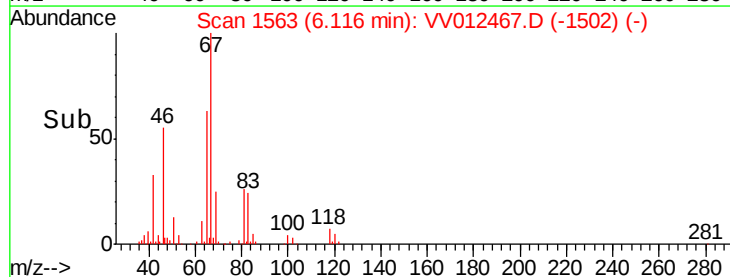
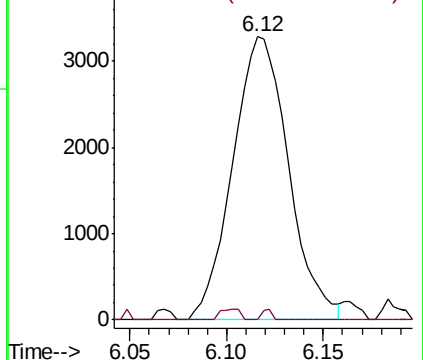
63 100

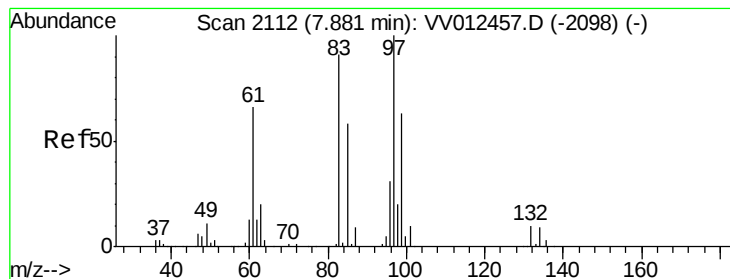
112 0.7 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#45

1,1,2-Trichloroethane

Concen: 0.371 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.13 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Instrument :

MSVOA_V

ClientSampleId :

GANL5

Tgt Ion: 97 Resp: 5401

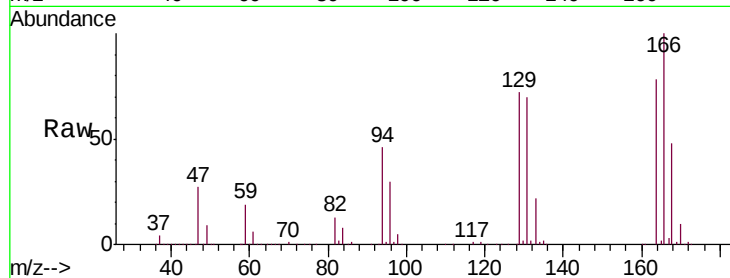
Ion Ratio Lower Upper

97 100

99 16.9 43.3 80.3#

83 283.3 61.2 113.6#

85 40.9 40.0 74.4



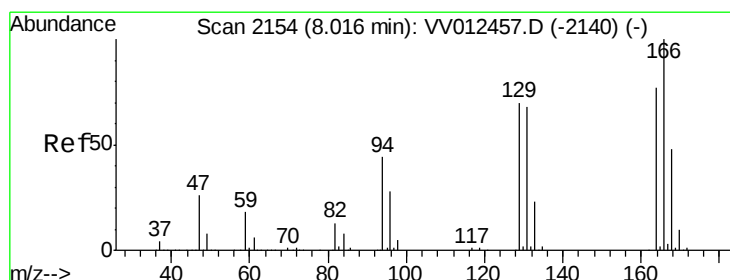
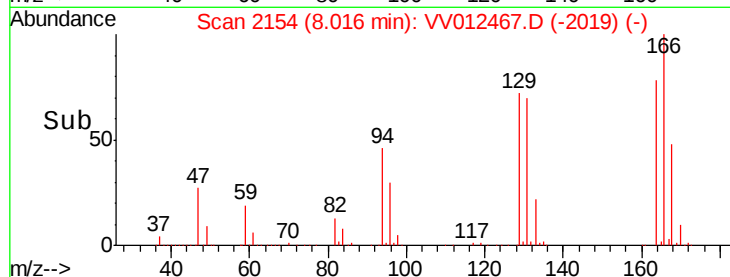
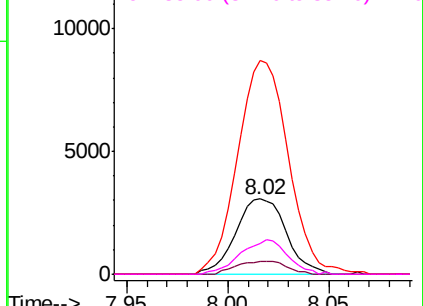
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 36.215 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012467.D

Acq: 30 Aug 2019 20:53

Tgt Ion: 164 Resp: 621989

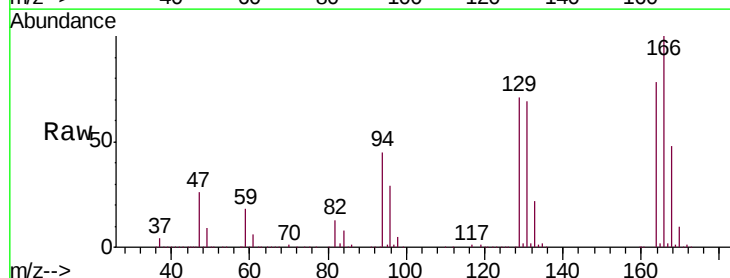
Ion Ratio Lower Upper

164 100

129 91.8 65.6 121.8

131 89.3 63.3 117.5

166 128.9 89.4 166.0



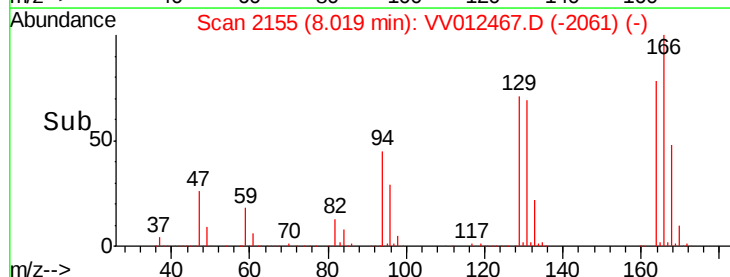
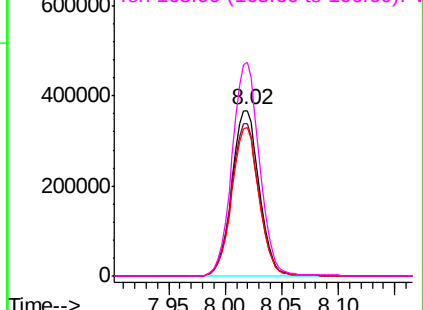
Abundance

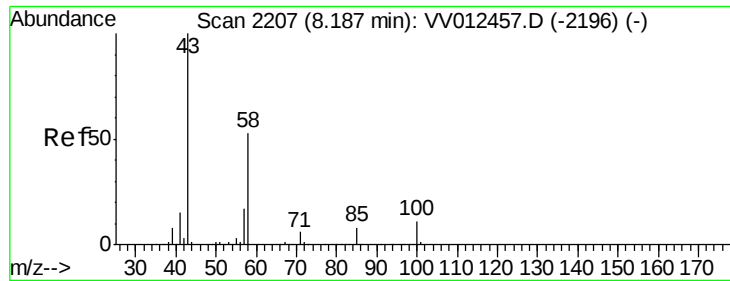
Ion 163.90 (163.60 to 164.60): V

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

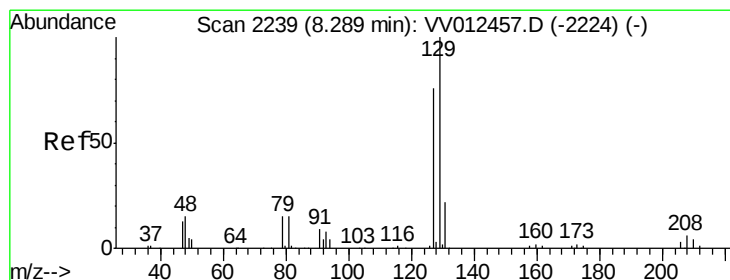
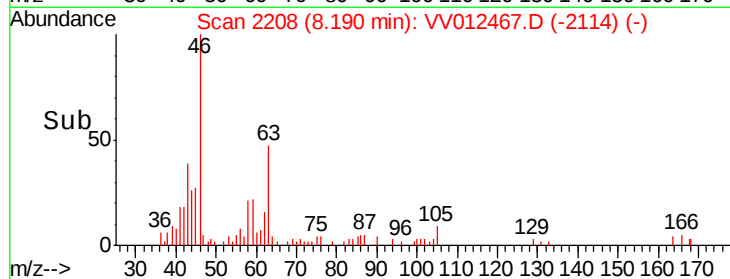
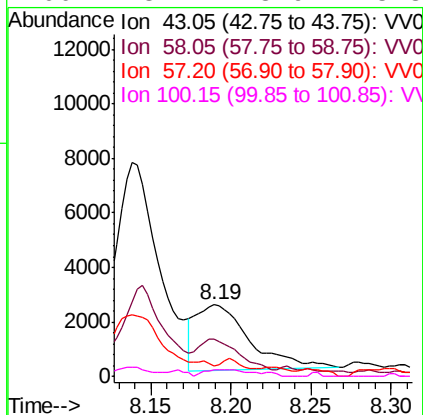
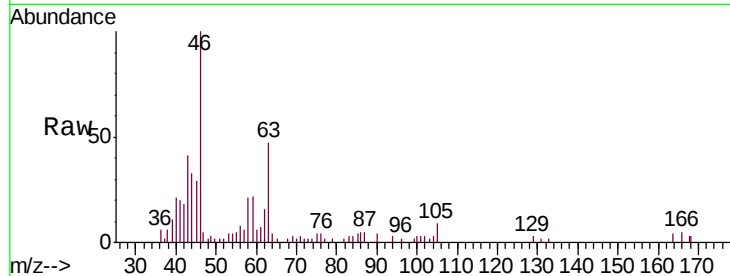




#48
2-Hexanone
Concen: 0.668 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV012467.D
Acq: 30 Aug 2019 20:53

Instrument :
MSVOA_V
ClientSampleId :
GANL5

Tgt Ion: 43 Resp: 5661
Ion Ratio Lower Upper
43 100
58 43.0 43.6 65.4#
57 12.3 14.2 21.2#
100 8.2 8.9 13.3#



#49
Dibromochloromethane
Concen: 32.797 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012467.D
Acq: 30 Aug 2019 20:53

Tgt Ion: 129 Resp: 550129
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#

