

Data File : VV012466.D
Acq On : 30 Aug 2019 20:25
Operator : SY/MD
Sample : K4500-21DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANL5DL

Quant Time: Aug 31 01:42:04 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	5.66	114	188809	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45728	2.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.40%
7) Chloroethane-d5	1.58	69	36237	2.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.60%#
11) 1,1-Dichloroethene-d2	2.13	63	63399	2.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.00%#
20) 2-Butanone-d5	3.96	46	165205	48.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.40	84	112644	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	5.08	65	58948	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.10	84	205716	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.12	67	71832	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.36	98	152577	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.20%#
43) trans-1,3-Dichloropropene-	7.67	79	20776	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.14	63	98002	40.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51462	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	55376	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

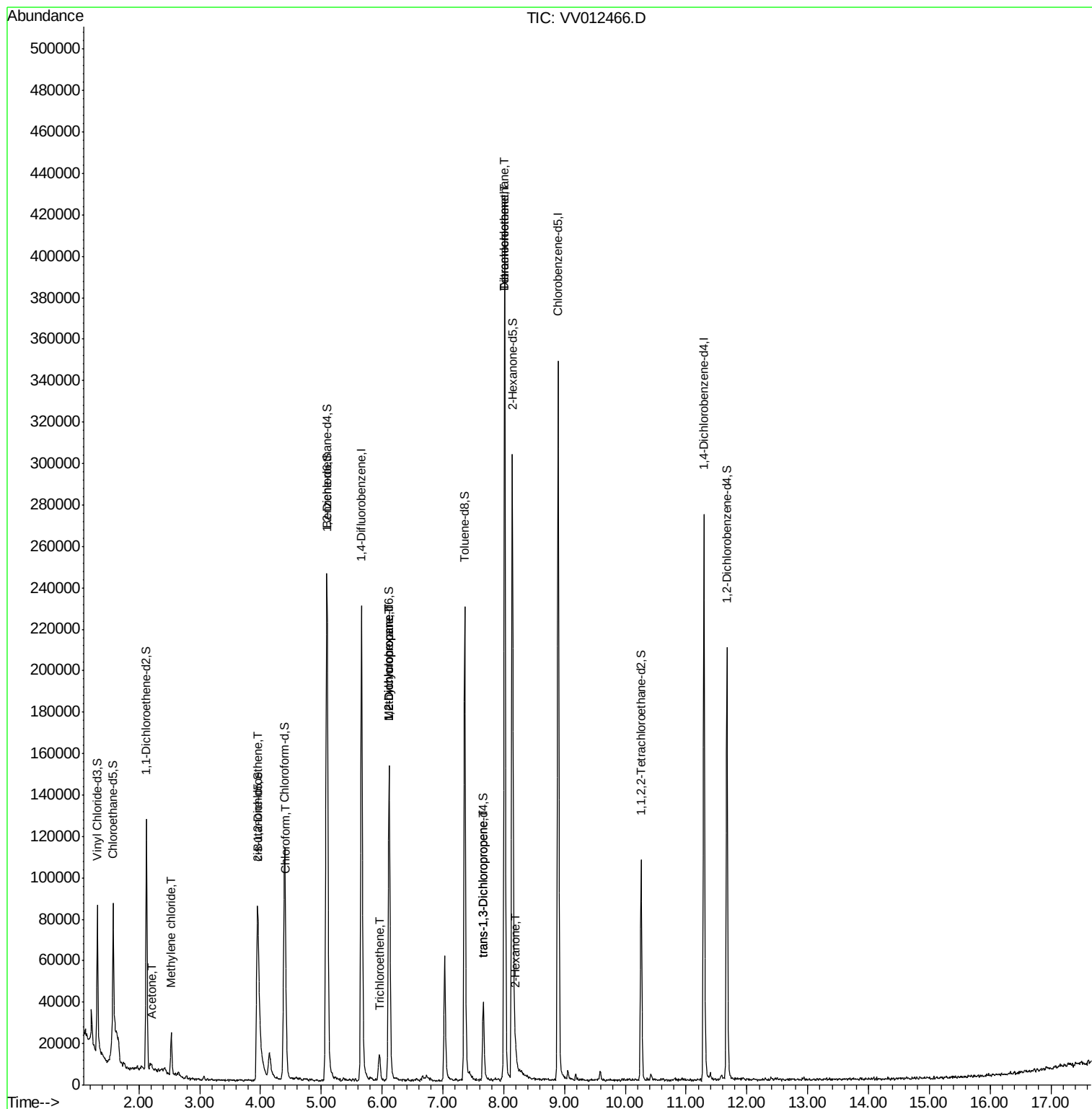
					Qvalue
13) Acetone	2.21	43	3889	1.552 ug/L	98
16) Methylene chloride	2.53	84	7858	0.480 ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	1581	0.082 ug/L	94
25) Chloroform	4.42	83	4395	0.117 ug/L	84
34) Trichloroethene	5.96	95	3203	0.164 ug/L	93
35) Methylcyclohexane	6.12	83	17672	0.594 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8347	0.417 ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1108	0.055 ug/L #	55
47) Tetrachloroethene	8.02	164	95074	6.077 ug/L	94
48) 2-Hexanone	8.20	43	4637	0.601 ug/L #	45
49) Dibromochloromethane	8.02	129	80834	5.291 ug/L #	11

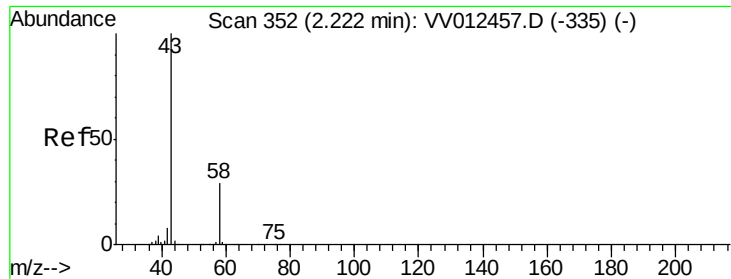
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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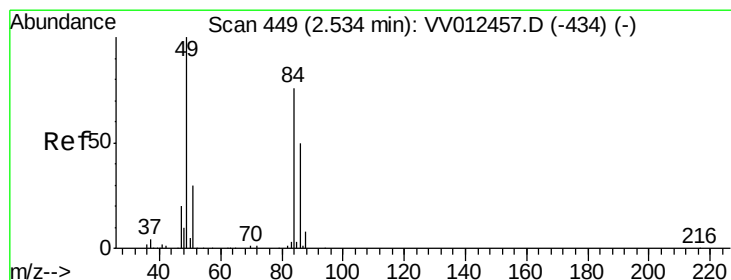
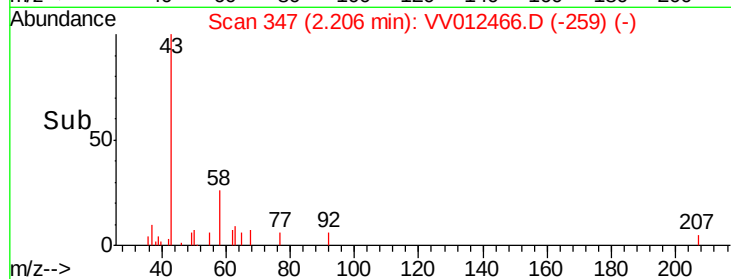
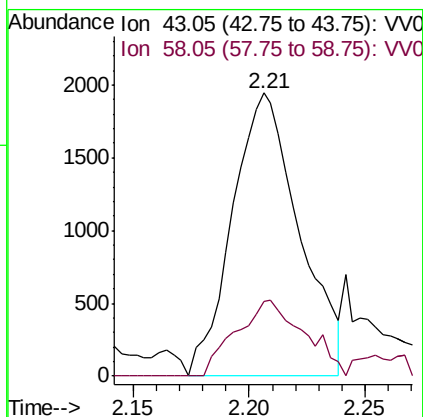
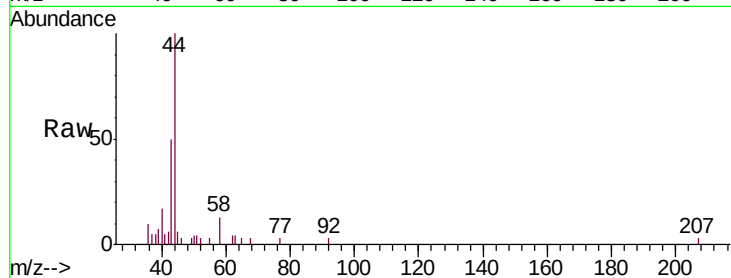




#13
Acetone
Concen: 1.552 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.02 min
Lab File: VV012466.D
Acq: 30 Aug 2019 20:25

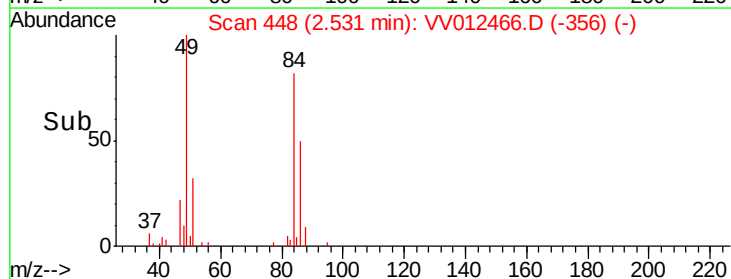
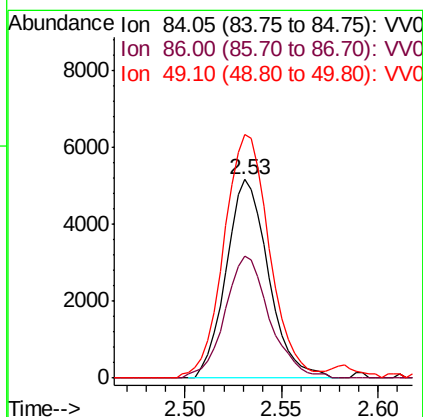
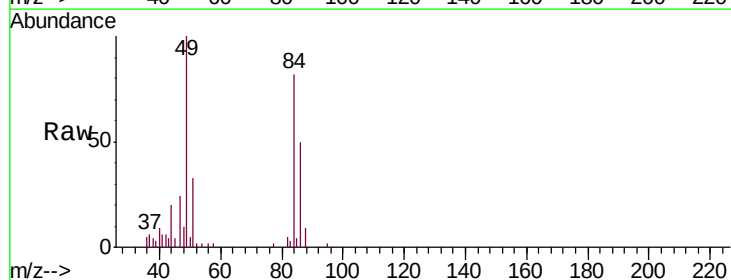
Instrument :
MSVOA_V
ClientSampled :
GANL5DL

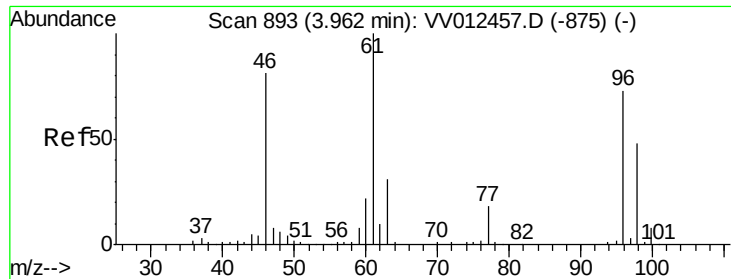
Tgt Ion: 43 Resp: 3889
Ion Ratio Lower Upper
43 100
58 27.4 0.0 56.8



#16
Methylene chloride
Concen: 0.480 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012466.D
Acq: 30 Aug 2019 20:25

Tgt Ion: 84 Resp: 7858
Ion Ratio Lower Upper
84 100
86 61.2 45.2 84.0
49 122.6 95.1 176.7



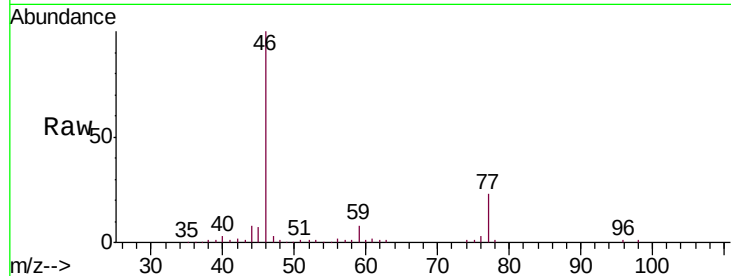


#22

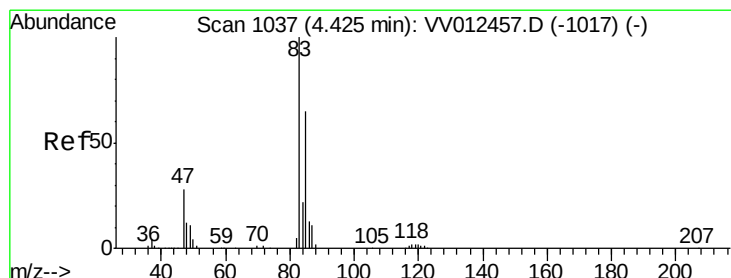
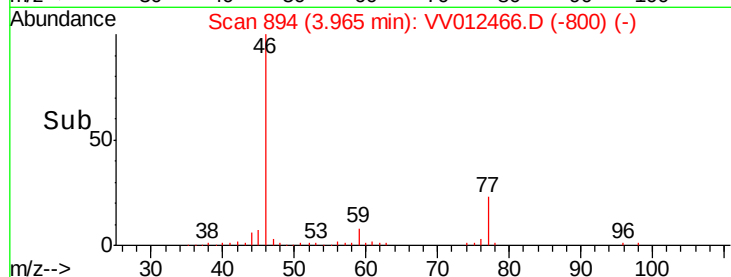
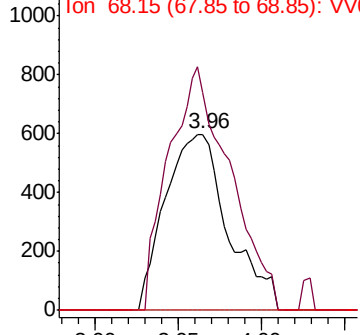
cis-1,2-Dichloroethene
 Concen: 0.082 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: VV012466.D
 Acq: 30 Aug 2019 20:25

Instrument :
 MSVOA_V
 ClientSampleID :
 GANL5DL

Tgt Ion: 96 Resp: 1581
 Ion Ratio Lower Upper
 96 100
 61 123.9 91.5 169.9
 68 0.0 0.0 0.0



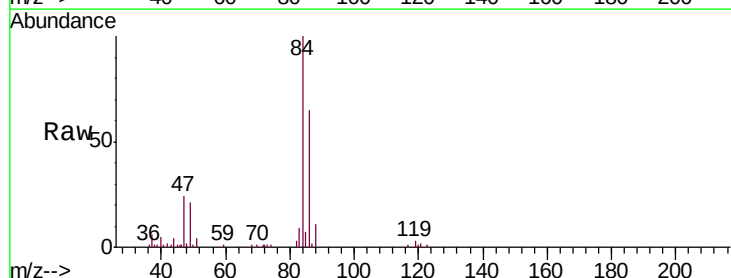
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



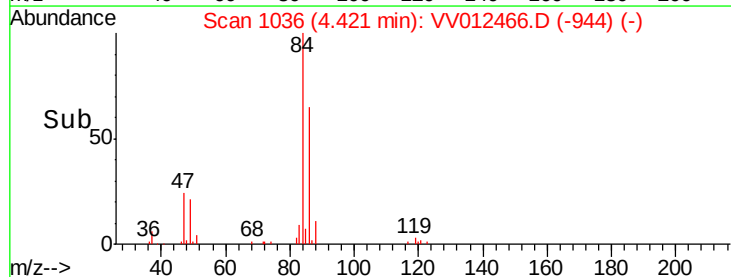
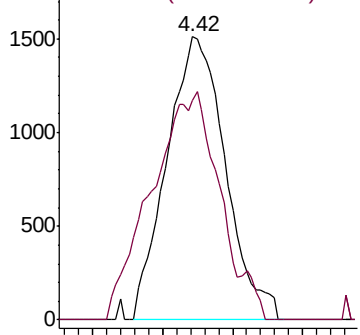
#25

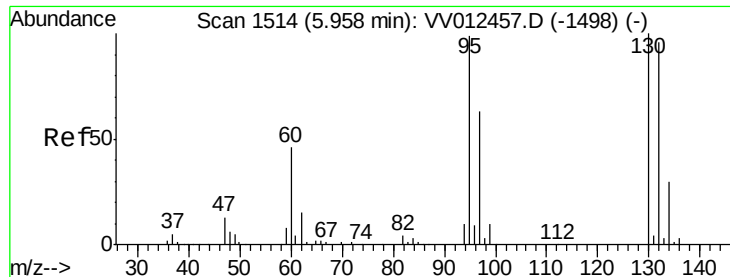
Chloroform
 Concen: 0.117 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VV012466.D
 Acq: 30 Aug 2019 20:25

Tgt Ion: 83 Resp: 4395
 Ion Ratio Lower Upper
 83 100
 85 77.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 0.164 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012466.D

Acq: 30 Aug 2019 20:25

Instrument :

MSVOA_V

ClientSampleId :

GANL5DL

Tgt Ion: 95 Resp: 3203

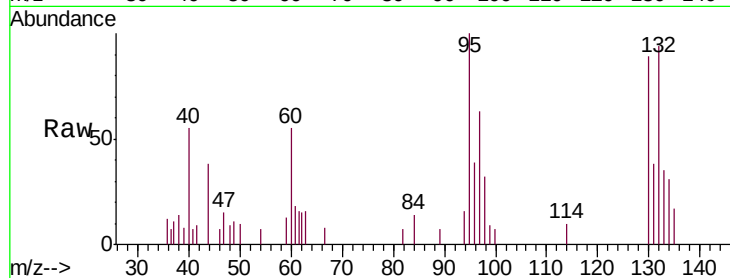
Ion Ratio Lower Upper

95 100

97 62.7 45.8 85.2

132 94.1 68.3 126.9

130 88.9 72.0 133.8

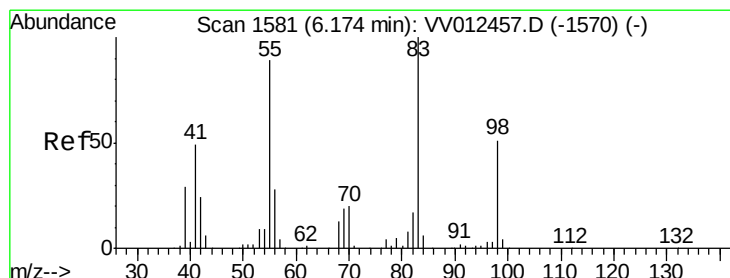
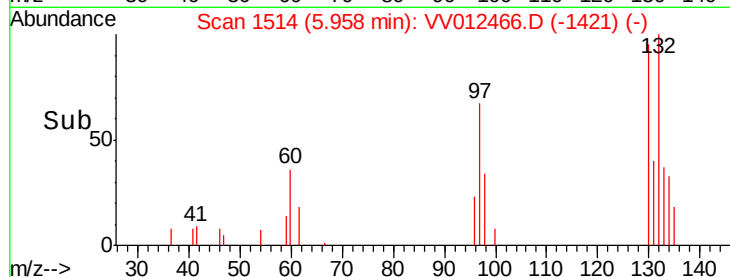
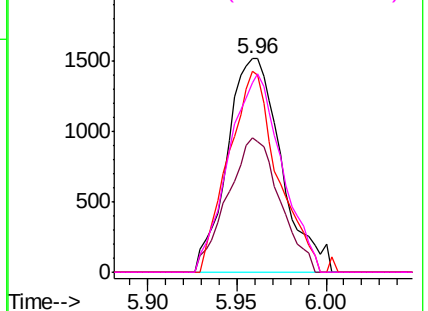


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.594 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012466.D

Acq: 30 Aug 2019 20:25

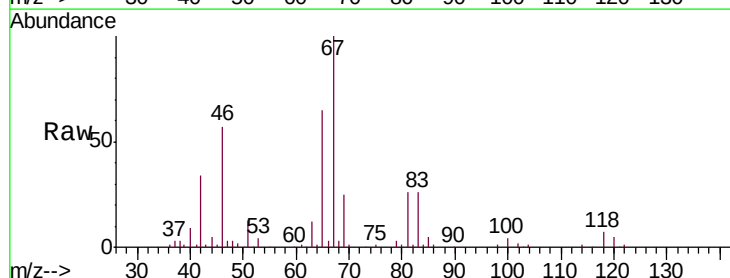
Tgt Ion: 83 Resp: 17672

Ion Ratio Lower Upper

83 100

55 1.3 67.8 101.6#

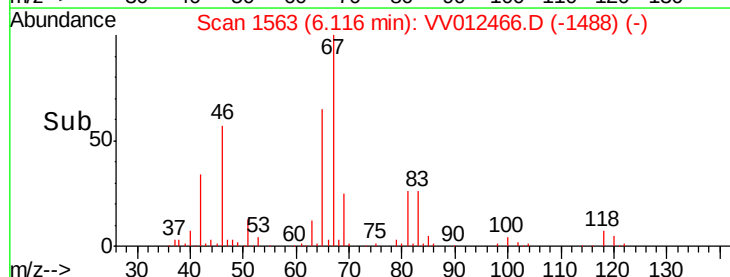
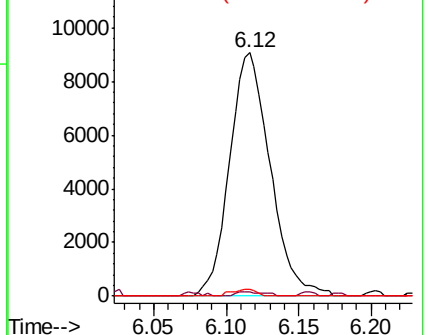
98 1.6 39.2 58.8#

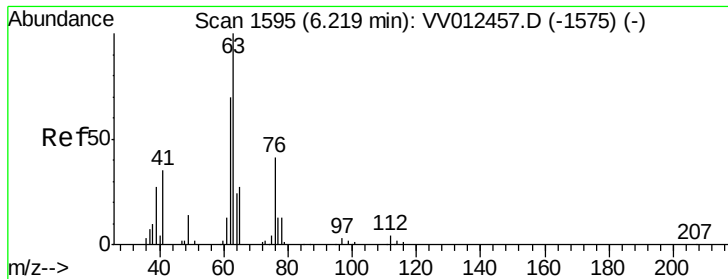


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

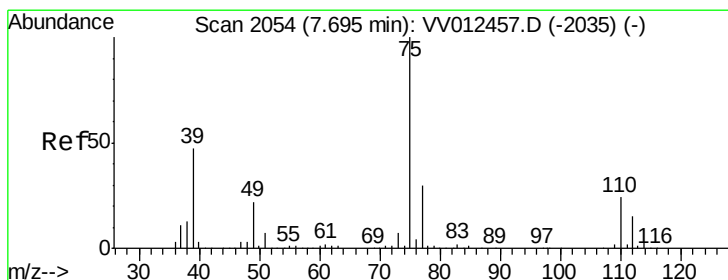
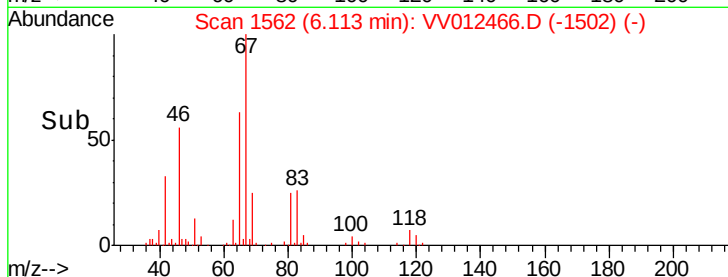
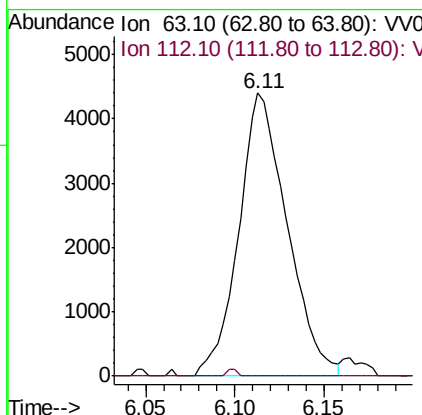
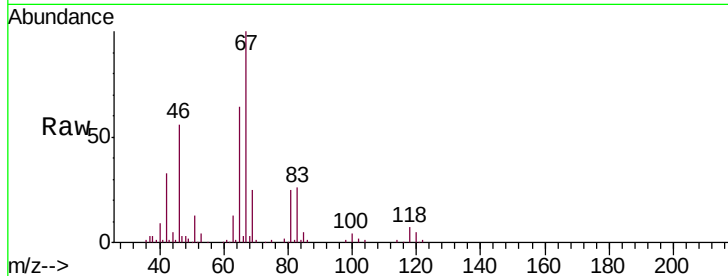




#37
 1,2-Dichloropropane
 Concen: 0.417 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV012466.D
 Acq: 30 Aug 2019 20:25

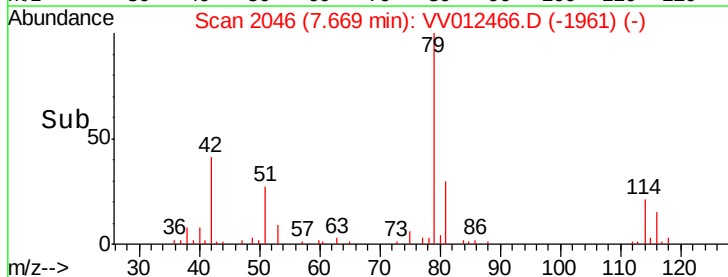
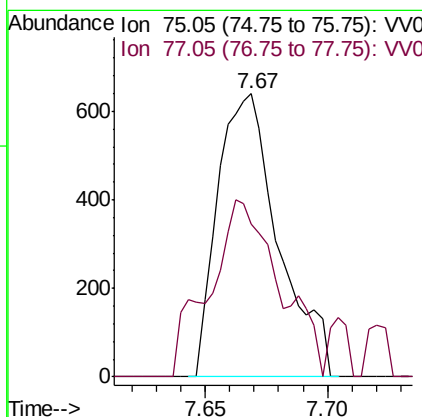
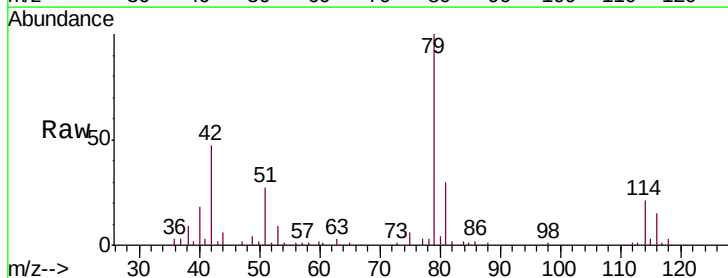
Instrument :
 MSVOA_V
 ClientSampleId :
 GANL5DL

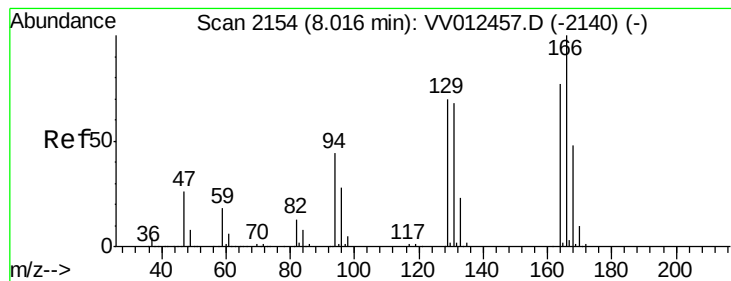
Tgt Ion: 63 Resp: 8347
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.055 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV012466.D
 Acq: 30 Aug 2019 20:25

Tgt Ion: 75 Resp: 1108
 Ion Ratio Lower Upper
 75 100
 77 53.8 20.6 38.4#





#47

Tetrachloroethene

Concen: 6.077 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012466.D

Acq: 30 Aug 2019 20:25

Instrument :

MSVOA_V

ClientSampleId :

GANL5DL

Tgt Ion:164 Resp: 95074

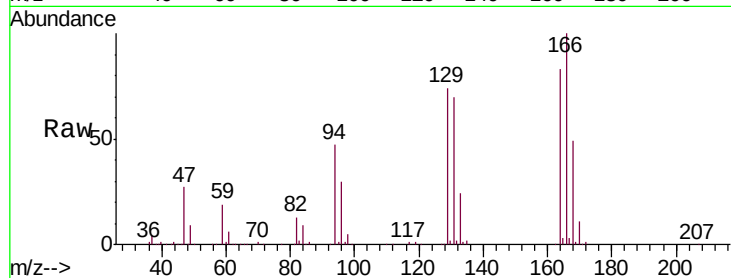
Ion Ratio Lower Upper

164 100

129 88.5 65.6 121.8

131 84.0 63.3 117.5

166 120.2 89.4 166.0

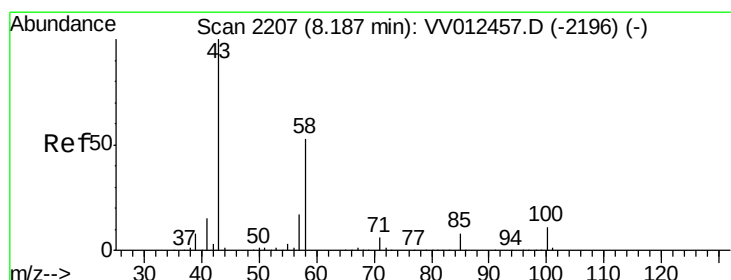
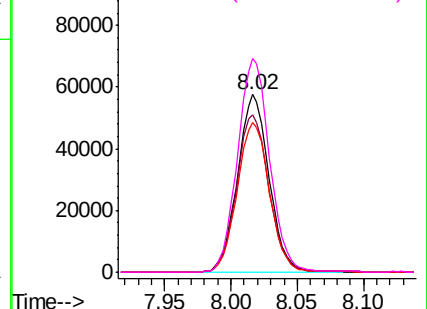
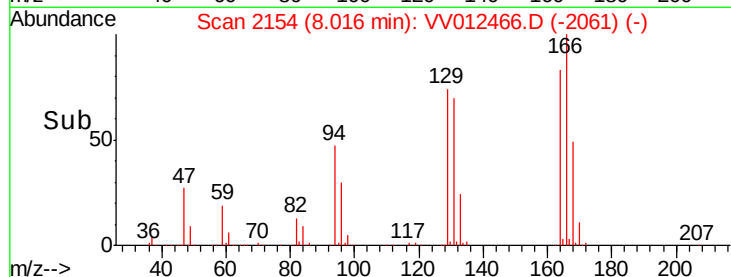


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.601 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VV012466.D

Acq: 30 Aug 2019 20:25

Tgt Ion: 43 Resp: 4637

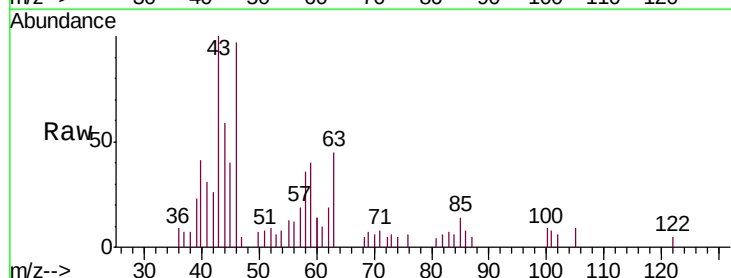
Ion Ratio Lower Upper

43 100

58 0.0 43.6 65.4#

57 11.8 14.2 21.2#

100 2.8 8.9 13.3#

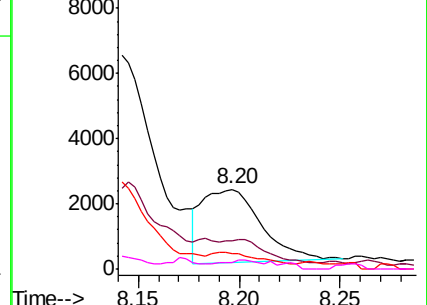
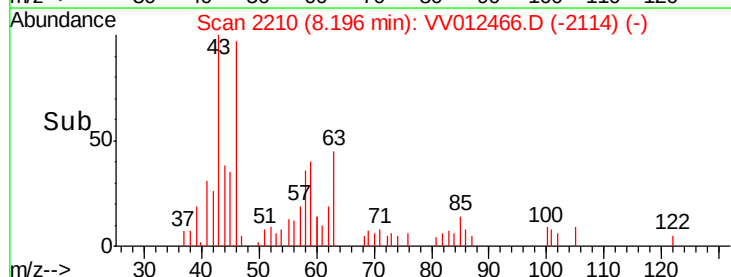


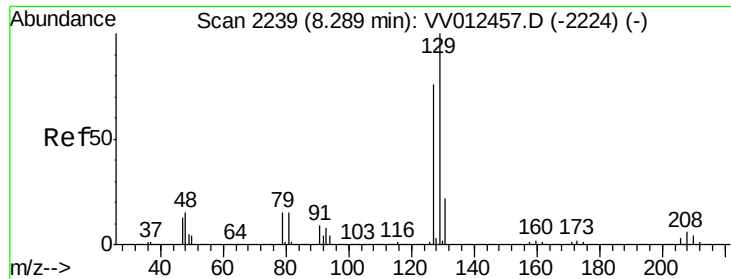
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 5.291 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012466.D

Acq: 30 Aug 2019 20:25

Instrument :

MSVOA_V

ClientSampleId :

GANL5DL

Tgt Ion:129 Resp: 80834

Ion Ratio Lower Upper

129 100

127 0.2 53.6 99.6#

