

Data File : VV011547.D
Acq On : 17 Jun 2019 13:29
Operator : SY/MD
Sample : K3313-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY6

Quant Time: Jun 18 08:45:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 08:42:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	201996	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	184339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	58795	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.58	69	47145	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	107272	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.96	46	170142	39.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.30%
24) Chloroform-d	4.40	84	119232	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.08	65	69559	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.09	84	239978	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.11	67	76550	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.36	98	200860	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	7.66	79	23415	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.14	63	131280	39.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	50077	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	63816	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	6268	0.321 ug/L	94
8) Chloroethane	1.60	64	1652	0.177 ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1099	0.091 ug/L #	39
12) 1,1-Dichloroethene	2.13	96	32792	2.610 ug/L #	67
13) Acetone	2.22	43	7717	2.668 ug/L	68
15) Methyl Acetate	2.46	43	15260	1.990 ug/L #	61
16) Methylene chloride	2.52	84	1803	0.126 ug/L	98
19) 1,1-Dichloroethane	3.22	63	3214	0.109 ug/L #	93
22) cis-1,2-Dichloroethene	3.96	96	38633	2.401 ug/L	94
25) Chloroform	4.42	83	4635	0.157 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	23007	1.003 ug/L	97
31) Carbon tetrachloride	4.65	117	3008	0.162 ug/L	98
34) Trichloroethene	5.95	95	580978	37.838 ug/L	98
35) Methylcyclohexane	6.11	83	18166	0.830 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	9461	0.590 ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	1377	0.089 ug/L	99
48) 2-Hexanone	8.14	43	18988	2.364 ug/L #	68

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011547.D

Acq On : 17 Jun 2019 13:29

Operator : SY/MD

Sample : K3313-06

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LY6

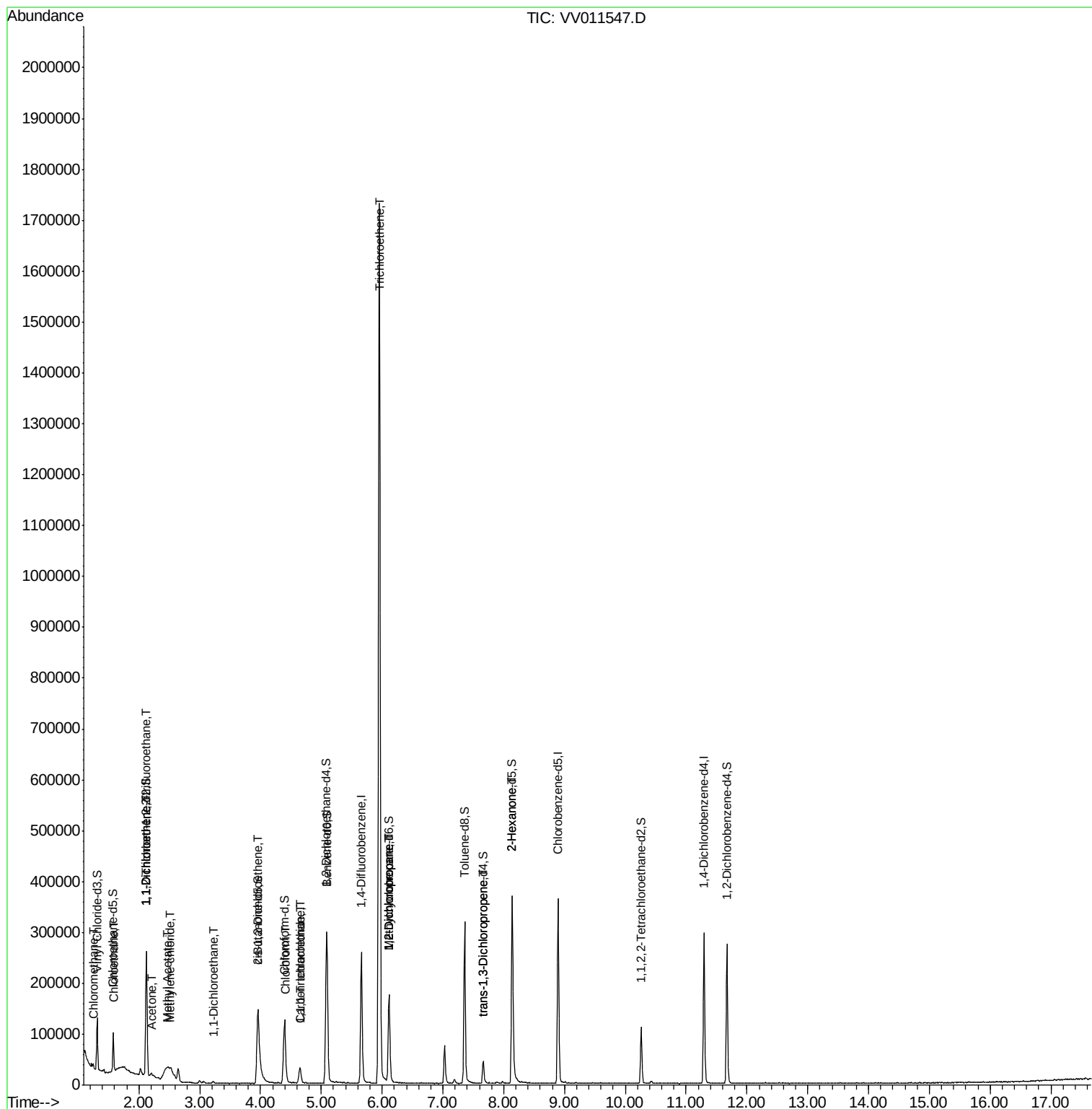
Quant Time: Jun 18 08:45:09 2019

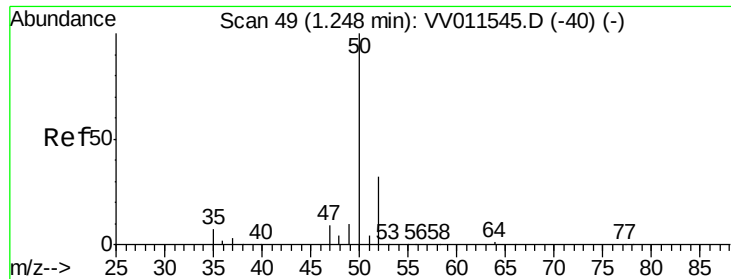
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Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Jun 18 08:42:07 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.321 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011547.D

Acq: 17 Jun 2019 13:29

Instrument :

MSVOA_V

ClientSampleId :

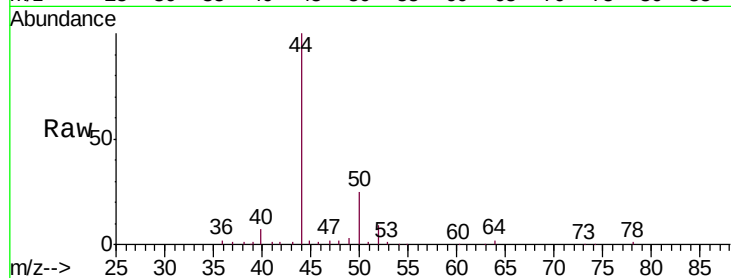
C0LY6

Tgt Ion: 50 Resp: 6268

Ion Ratio Lower Upper

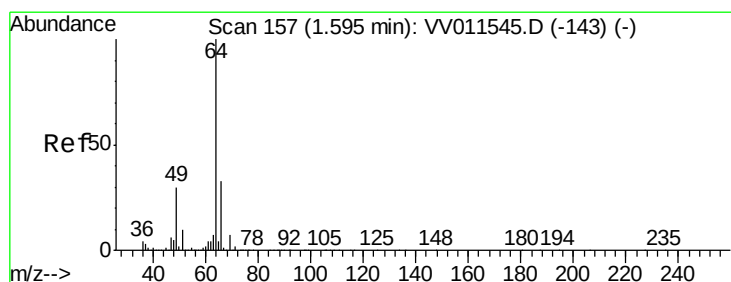
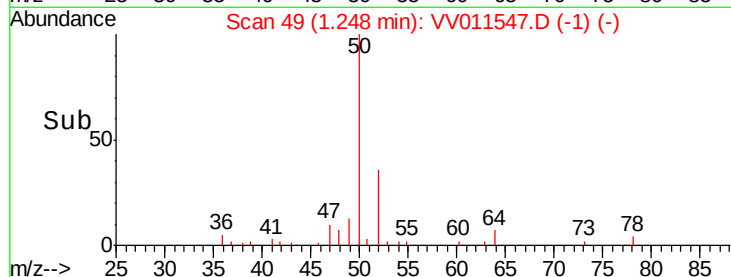
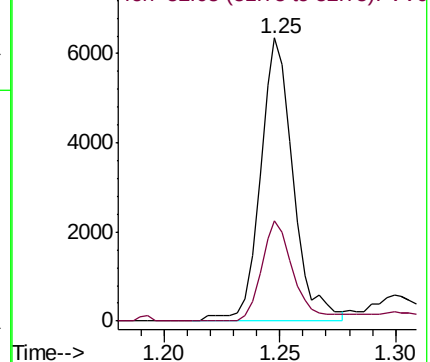
50 100

52 35.6 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.177 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV011547.D

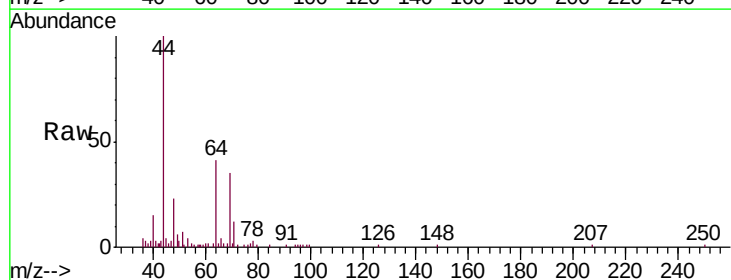
Acq: 17 Jun 2019 13:29

Tgt Ion: 64 Resp: 1652

Ion Ratio Lower Upper

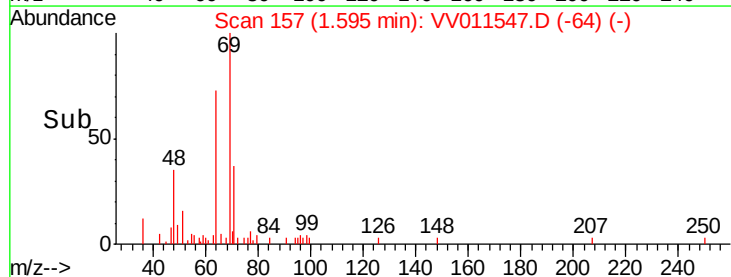
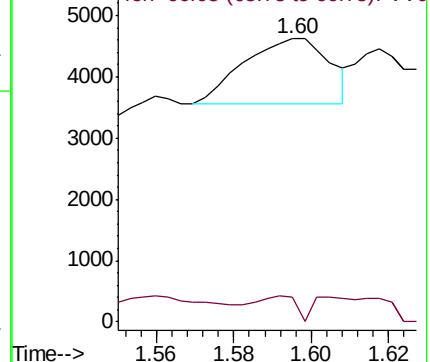
64 100

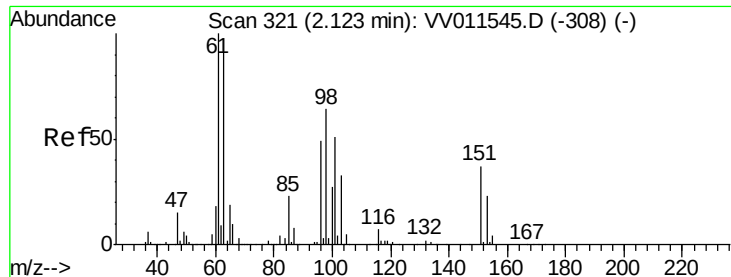
66 8.5 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.091 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011547.D

Acq: 17 Jun 2019 13:29

Instrument :

MSVOA_V

ClientSampled :

C0LY6

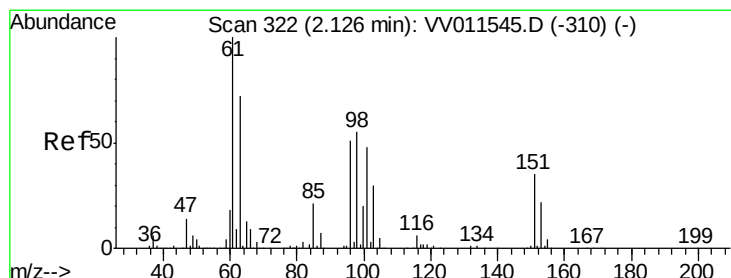
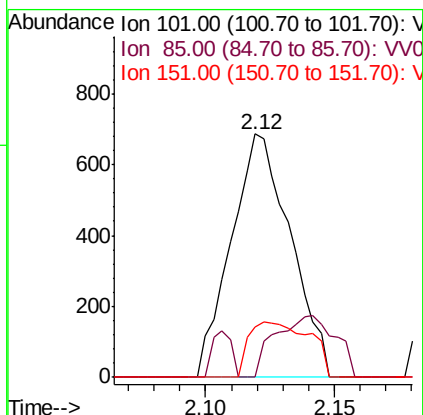
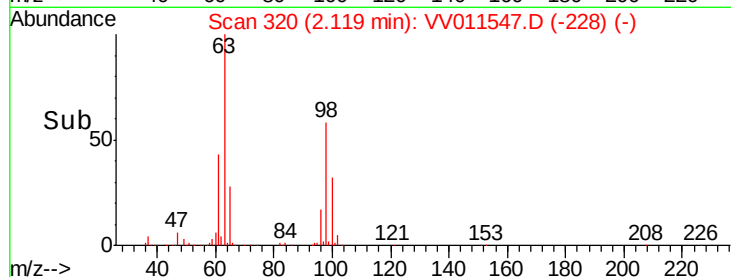
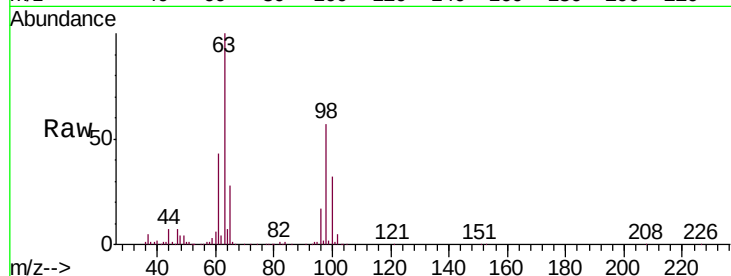
Tgt Ion: 101 Resp: 1099

Ion Ratio Lower Upper

101 100

85 6.1 37.3 55.9#

151 23.2 59.4 89.2#



#12

1,1-Dichloroethene

Concen: 2.610 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011547.D

Acq: 17 Jun 2019 13:29

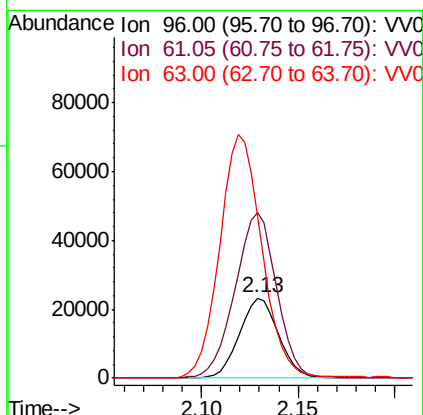
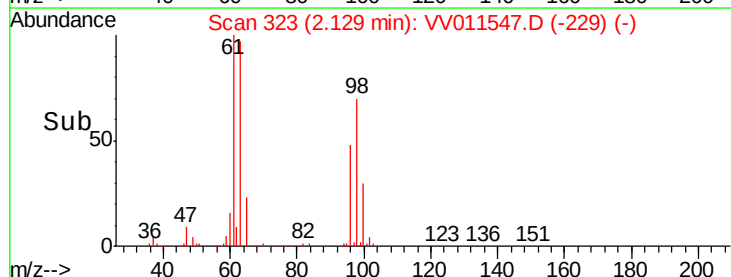
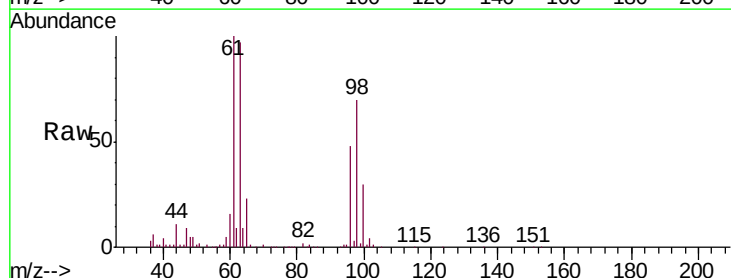
Tgt Ion: 96 Resp: 32792

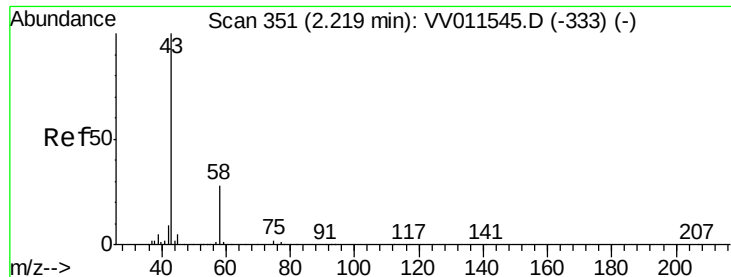
Ion Ratio Lower Upper

96 100

61 207.7 135.9 252.5

63 202.1 86.2 160.2#





#13

Acetone

Concen: 2.668 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV011547.D

Acq: 17 Jun 2019 13:29

Instrument :

MSVOA_V

ClientSampleId :

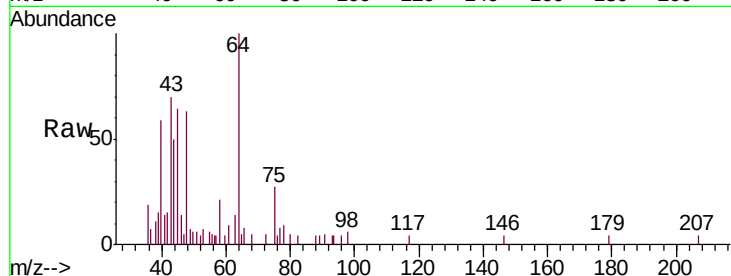
C0LY6

Tgt Ion: 43 Resp: 7717

Ion Ratio Lower Upper

43 100

58 12.0 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2000

1500

1000

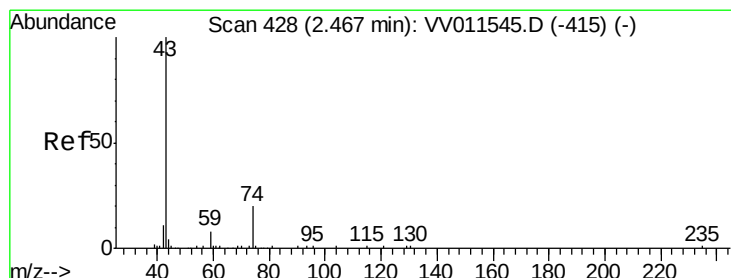
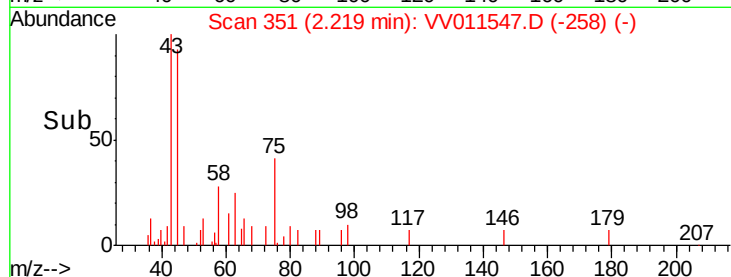
500

0

2.22

2.30

Time-->



#15

Methyl Acetate

Concen: 1.990 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV011547.D

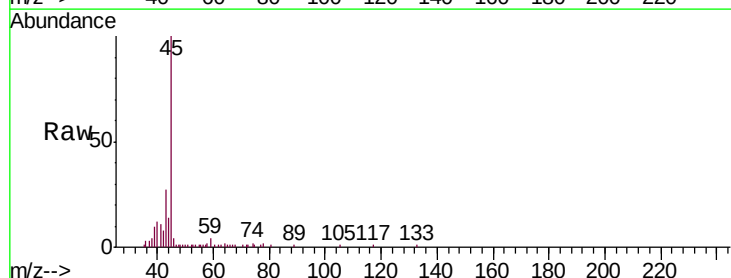
Acq: 17 Jun 2019 13:29

Tgt Ion: 43 Resp: 15260

Ion Ratio Lower Upper

43 100

74 2.3 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

5000

4000

3000

2000

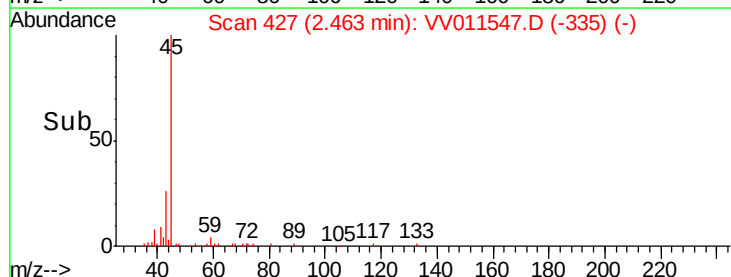
1000

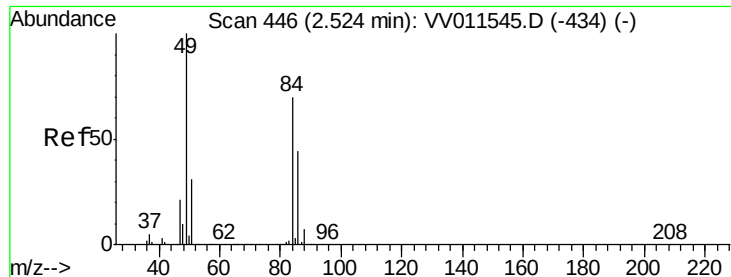
0

2.46

2.50

Time-->

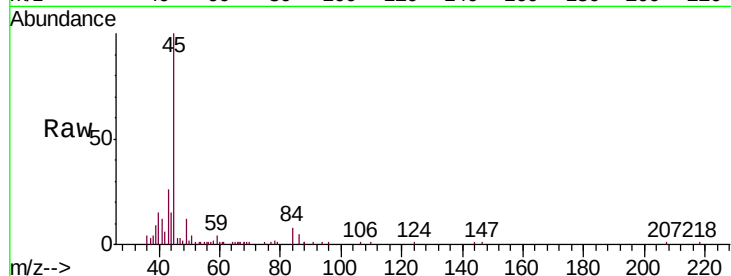




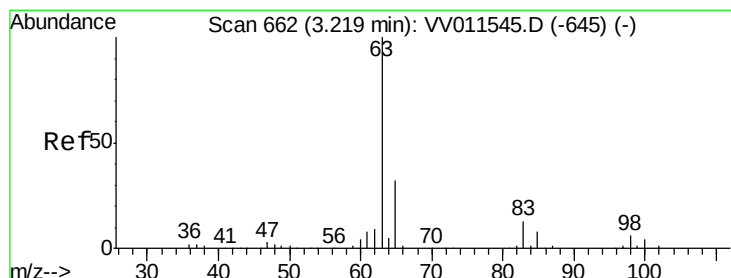
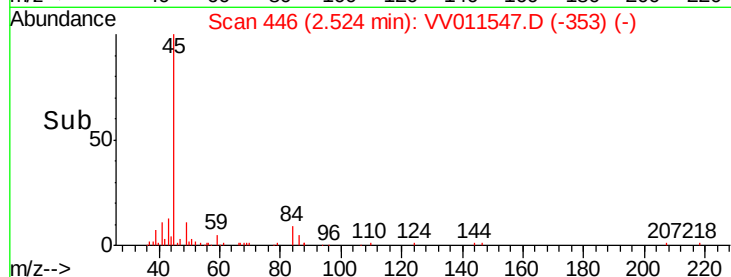
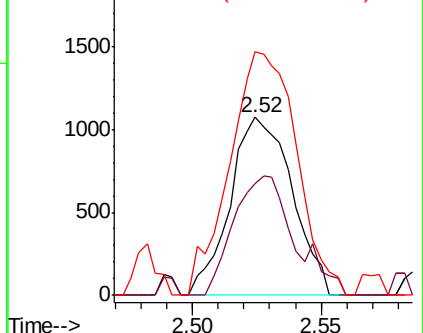
#16
Methylene chloride
Concen: 0.126 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV011547.D
Acq: 17 Jun 2019 13:29

Instrument :
MSVOA_V
ClientSampleId :
COLY6

Tgt Ion: 84 Resp: 1803
Ion Ratio Lower Upper
84 100
86 62.8 42.5 78.9
49 136.7 97.7 181.5

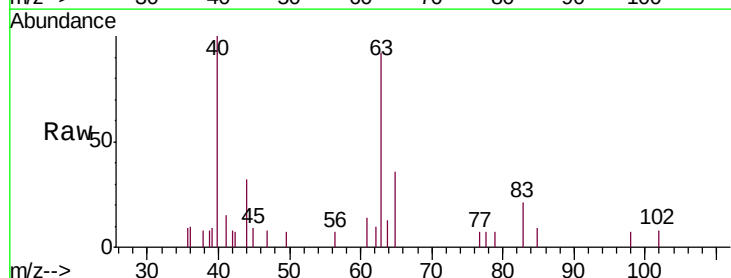


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

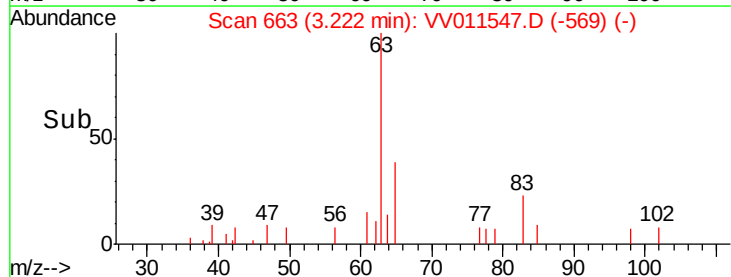
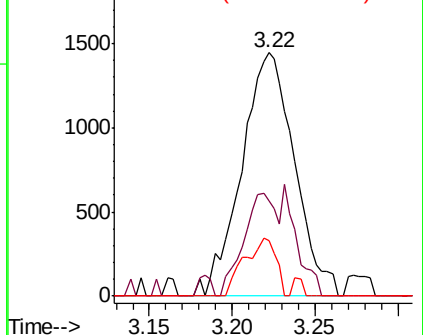


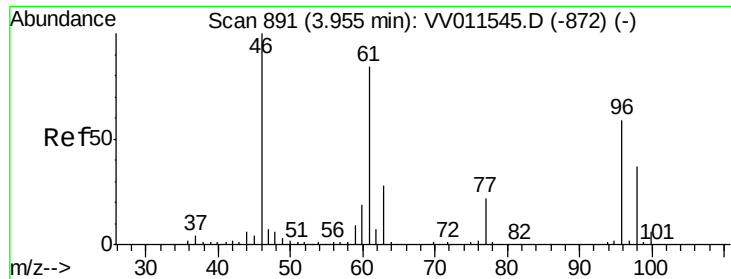
#19
1,1-Dichloroethane
Concen: 0.109 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011547.D
Acq: 17 Jun 2019 13:29

Tgt Ion: 63 Resp: 3214
Ion Ratio Lower Upper
63 100
65 34.2 22.5 41.9
83 20.0 10.1 18.9#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0



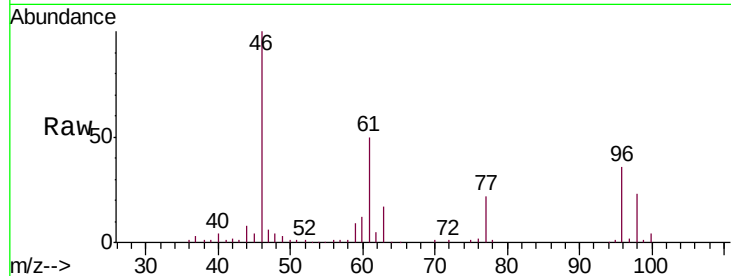


#22

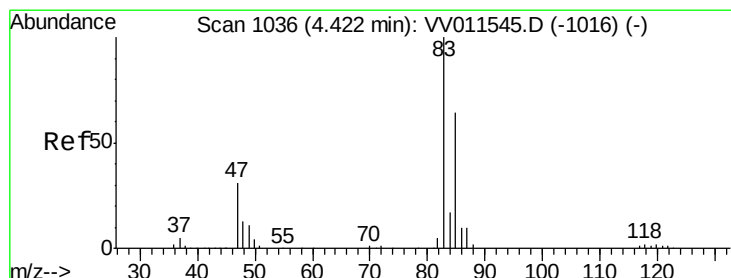
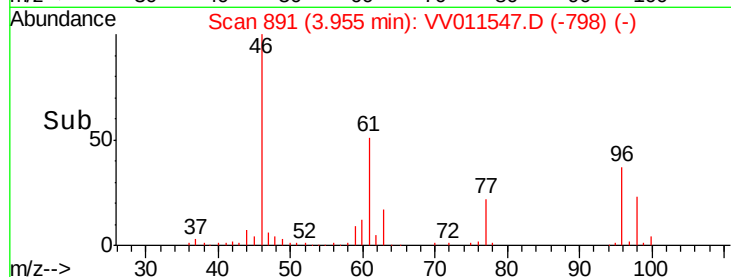
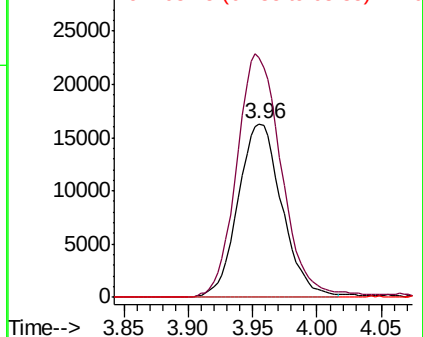
cis-1,2-Dichloroethene
Concen: 2.401 ug/L
RT: 3.96 min Scan# 891
Delta R.T. -0.00 min
Lab File: VV011547.D
Acq: 17 Jun 2019 13:29

Instrument :
MSVOA_V
ClientSampleId :
COLY6

Tgt Ion: 96 Resp: 38633
Ion Ratio Lower Upper
96 100
61 138.1 102.2 189.8
68 0.0 0.0 0.0



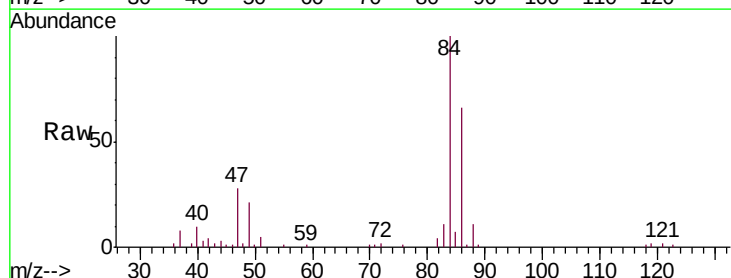
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



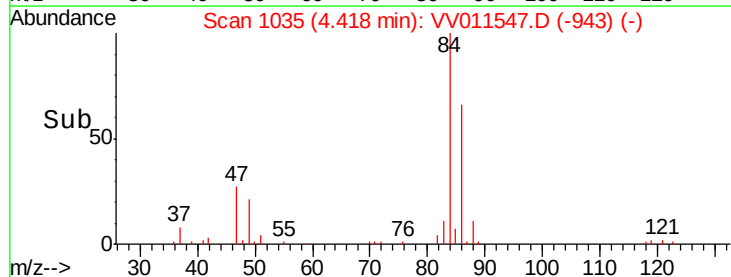
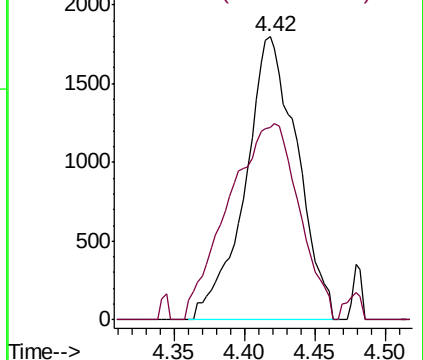
#25

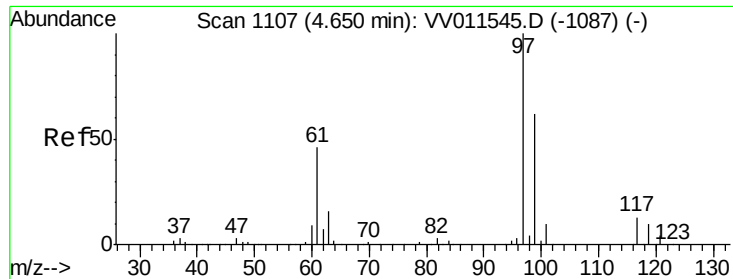
Chloroform
Concen: 0.157 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV011547.D
Acq: 17 Jun 2019 13:29

Tgt Ion: 83 Resp: 4635
Ion Ratio Lower Upper
83 100
85 67.9 44.6 82.8



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

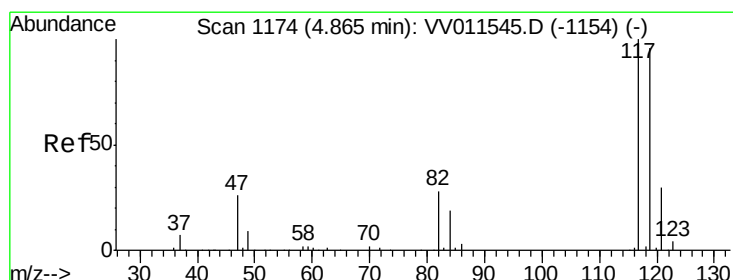
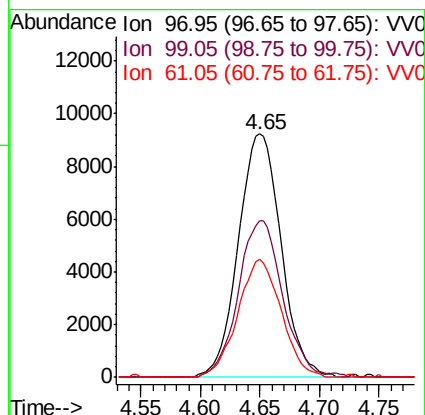
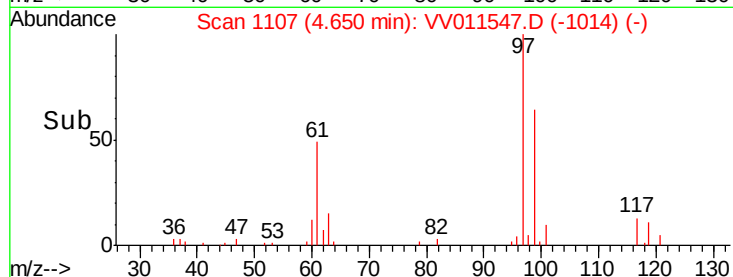
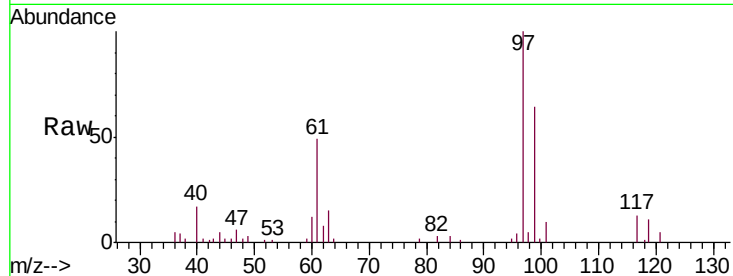




#29
 1,1,1-Trichloroethane
 Concen: 1.003 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. -0.00 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

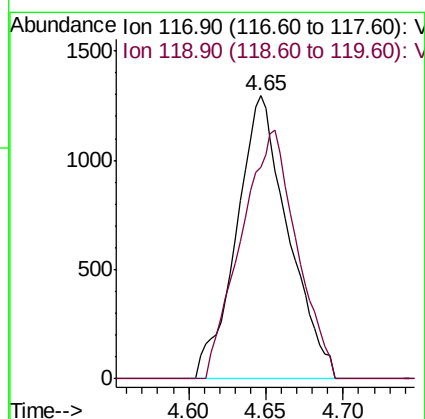
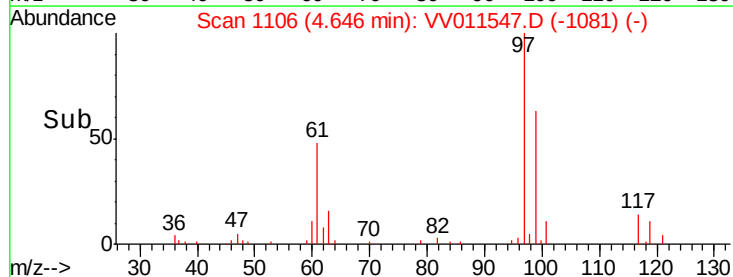
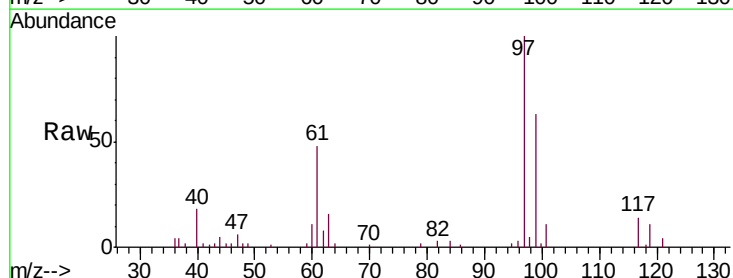
Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

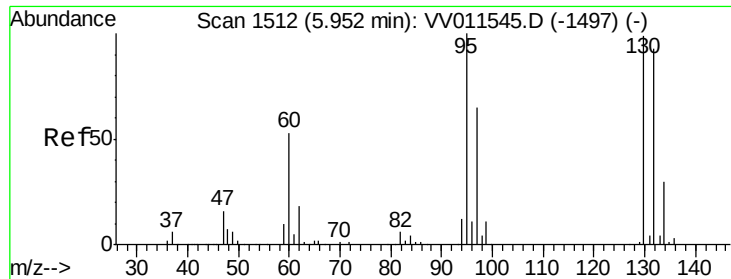
Tgt Ion: 97 Resp: 23007
 Ion Ratio Lower Upper
 97 100
 99 66.9 51.6 77.4
 61 49.2 40.4 60.6



#31
 Carbon tetrachloride
 Concen: 0.162 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.22 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

Tgt Ion: 117 Resp: 3008
 Ion Ratio Lower Upper
 117 100
 119 94.7 77.4 116.2

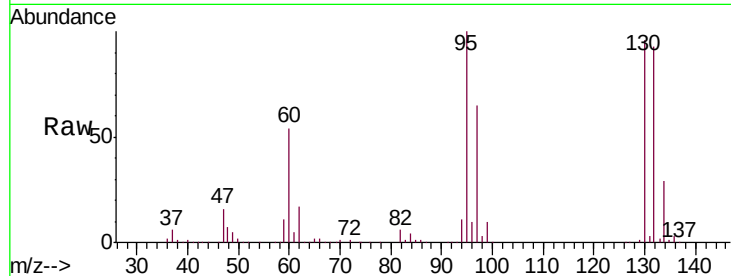




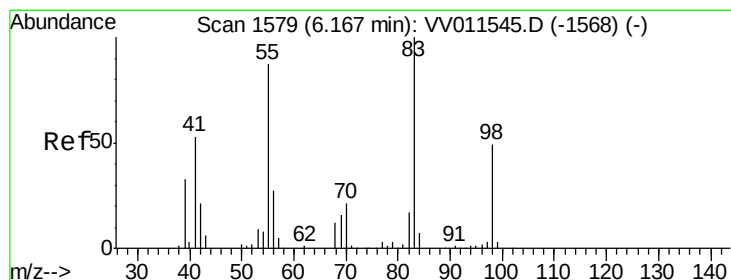
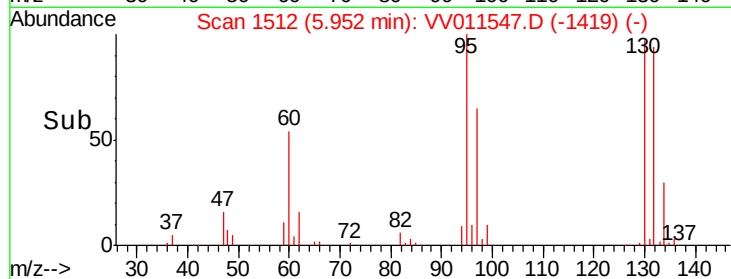
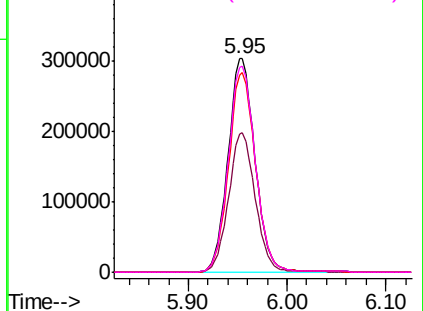
#34
 Trichloroethene
 Concen: 37.838 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

Tgt Ion: 95 Resp: 580978
 Ion Ratio Lower Upper
 95 100
 97 64.7 44.4 82.4
 132 92.6 63.5 117.9
 130 95.8 68.5 127.3

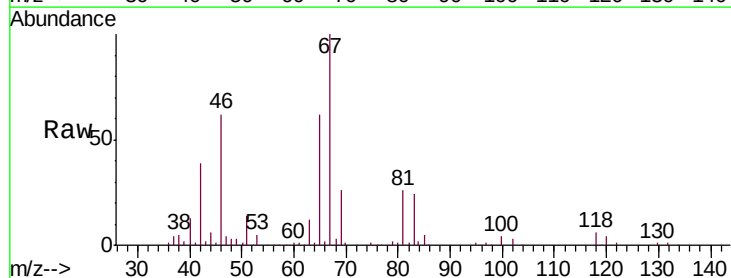


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

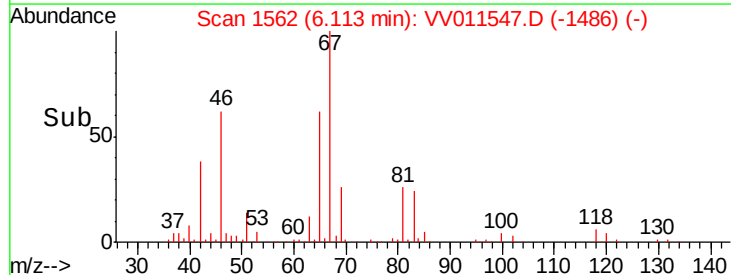
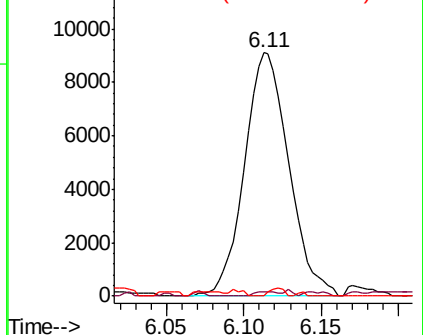


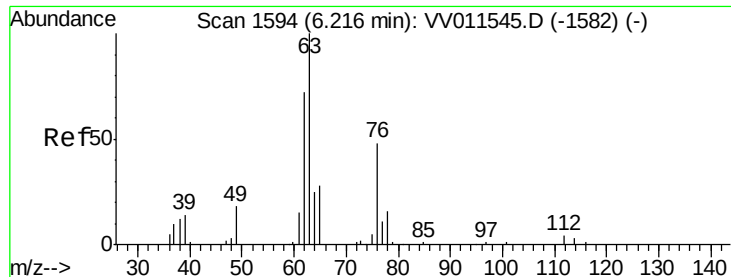
#35
 Methylcyclohexane
 Concen: 0.830 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.05 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

Tgt Ion: 83 Resp: 18166
 Ion Ratio Lower Upper
 83 100
 55 1.0 67.9 101.9#
 98 0.0 39.6 59.4#



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

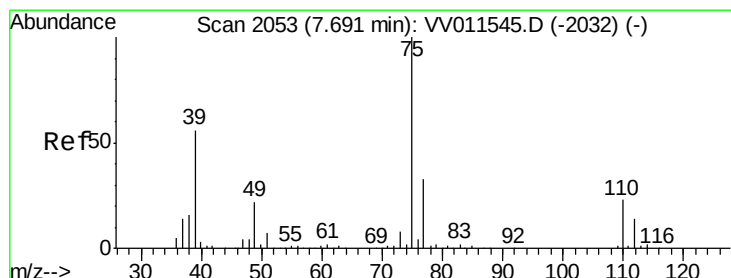
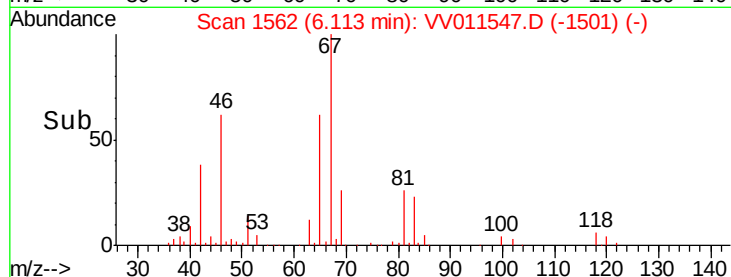
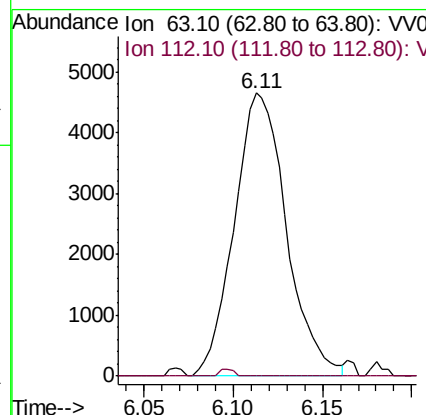
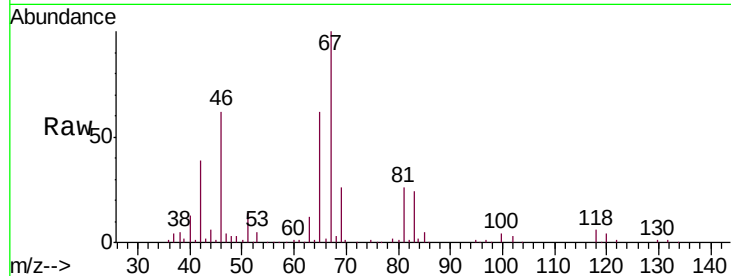




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

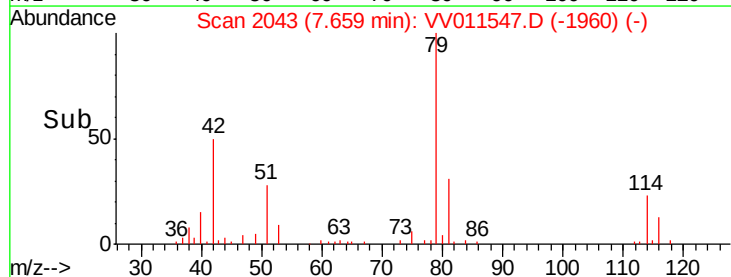
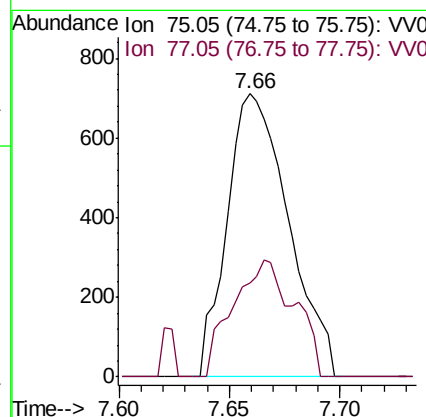
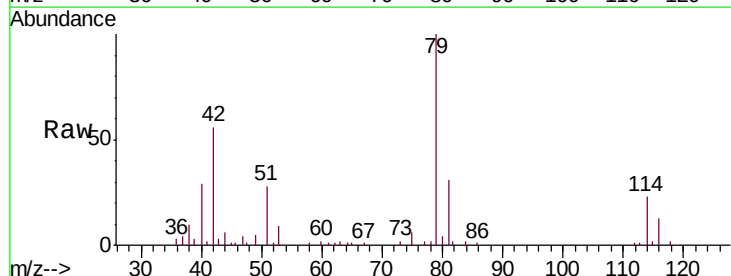
Instrument :
 MSVOA_V
 ClientSampled :
 COLY6

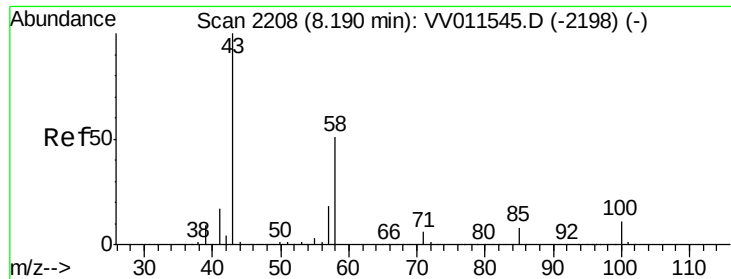
Tgt Ion: 63 Resp: 9461
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

Tgt Ion: 75 Resp: 1377
 Ion Ratio Lower Upper
 75 100
 77 33.1 22.8 42.4





#48
 2-Hexanone
 Concen: 2.364 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011547.D
 Acq: 17 Jun 2019 13:29

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

Tgt Ion:	43	Resp:	18988
Ion	Ratio	Lower	Upper
43	100		
58	24.8	40.6	60.8#
57	26.7	14.2	21.4#
100	1.4	8.6	12.8#

