

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061819\
 Data File : VV011566.D
 Acq On : 18 Jun 2019 10:55
 Operator : SY/MD
 Sample : K3313-06
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

Quant Time: Jun 18 11:47:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 18 11:44:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	155752	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149086	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	60765	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54427	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.58	69	39040	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	97774	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.40%
20) 2-Butanone-d5	3.96	46	166896	50.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.88%
24) Chloroform-d	4.39	84	108146	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	65961	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.09	84	218566	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.11	67	71084	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	188075	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.66	79	22667	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	122197	45.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.14%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47341	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59867	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	4567	0.303 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	985	0.105 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	26257	2.711 ug/L #	56
13) Acetone	2.21	43	4854	2.177 ug/L	97
15) Methyl Acetate	2.46	43	7879	1.333 ug/L #	62
16) Methylene chloride	2.53	84	2062	0.187 ug/L	85
19) 1,1-Dichloroethane	3.23	63	2927	0.129 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	34245	2.760 ug/L	92
25) Chloroform	4.42	83	6205	0.273 ug/L	89
29) 1,1,1-Trichloroethane	4.65	97	18479	0.996 ug/L	98
31) Carbon tetrachloride	4.66	117	2388	0.159 ug/L	97
34) Trichloroethene	5.95	95	484394	39.007 ug/L	98
35) Methylcyclohexane	6.11	83	16970	0.958 ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8849	0.683 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2019	0.124 ug/L #	47
48) 2-Hexanone	8.14	43	17430	2.683 ug/L #	70

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061819\
Data File : VV011566.D
Acq On : 18 Jun 2019 10:55
Operator : SY/MD
Sample : K3313-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY6

Quant Time: Jun 18 11:47:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 11:44:39 2019
Response via : Initial Calibration

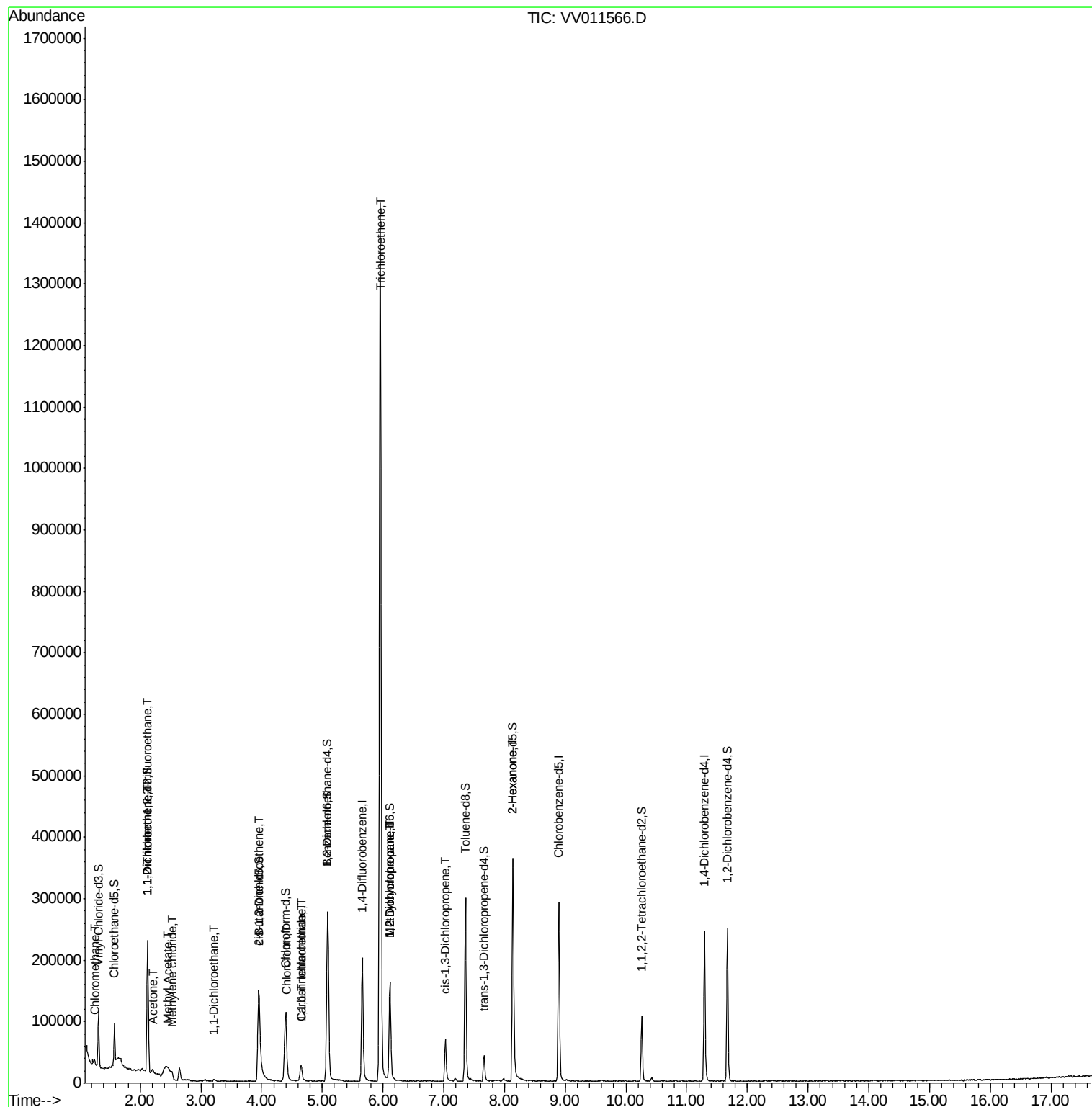
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

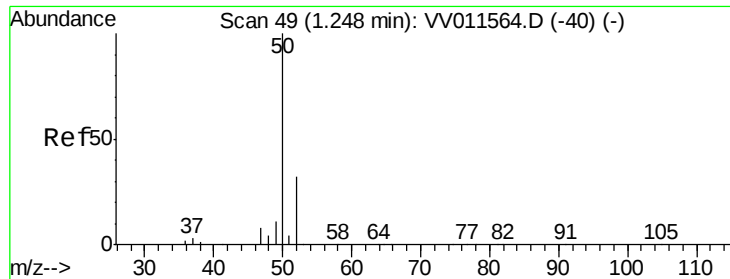
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV061819\
Data File : VV011566.D
Acq On : 18 Jun 2019 10:55
Operator : SY/MD
Sample : K3313-06
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COLY6

Quant Time: Jun 18 11:47:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 18 11:44:39 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.303 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

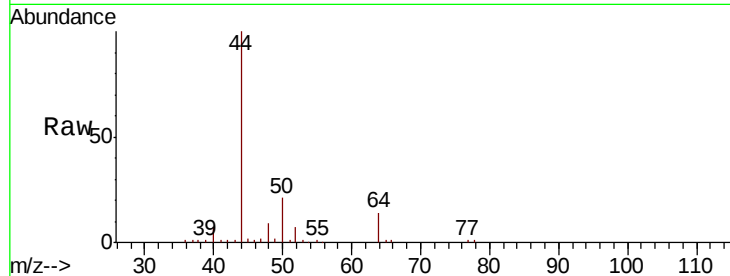
C0LY6

Tgt Ion: 50 Resp: 4567

Ion Ratio Lower Upper

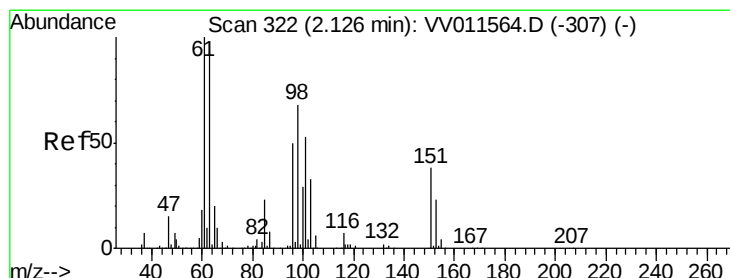
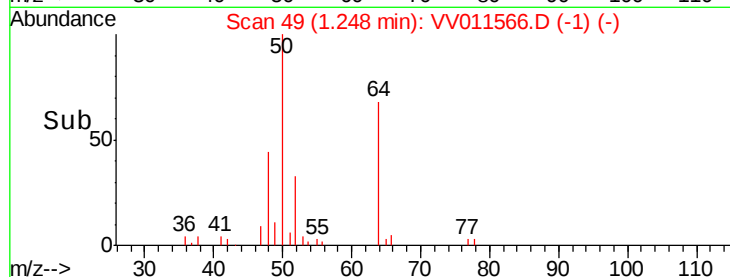
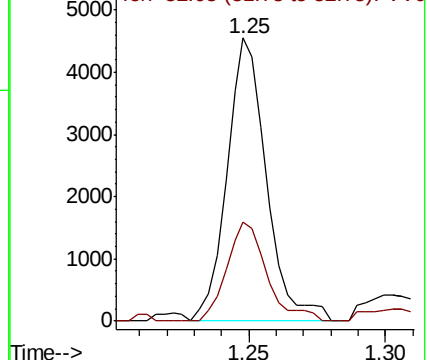
50 100

52 35.0 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011566.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV011566.D (-1) (-)



#10

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

Concen: 0.105 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

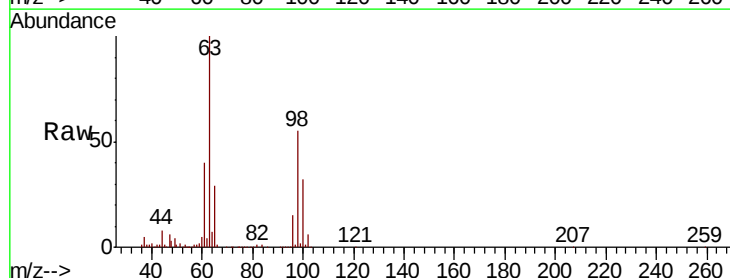
Tgt Ion: 101 Resp: 985

Ion Ratio Lower Upper

101 100

85 2.1 37.3 55.9#

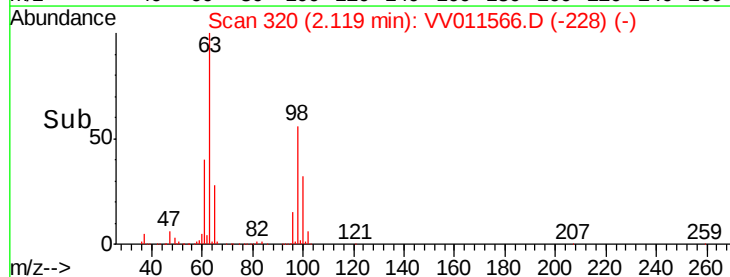
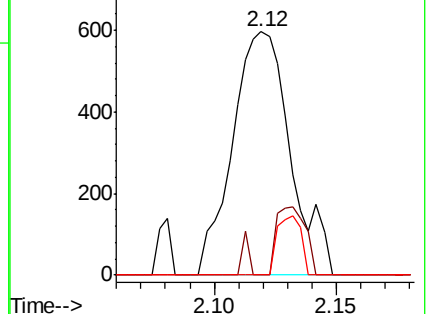
151 0.0 59.4 89.2#

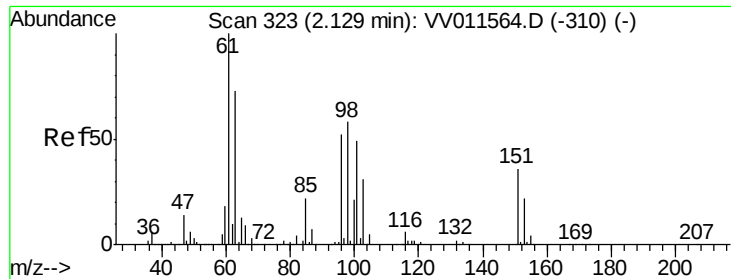


Abundance Ion 101.00 (100.70 to 101.70): VV011566.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV011566.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV011566.D (-228) (-)





#12

1,1-Dichloroethene

Concen: 2.711 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

COLY6

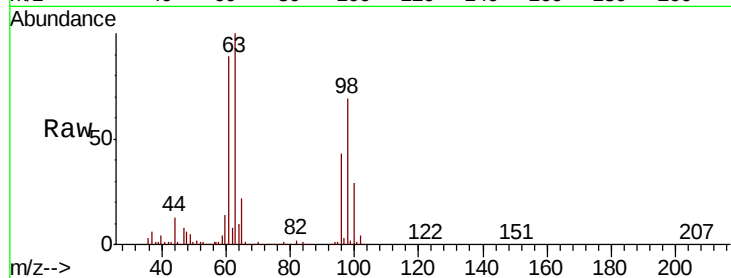
Tgt Ion: 96 Resp: 26257

Ion Ratio Lower Upper

96 100

61 208.5 135.9 252.5

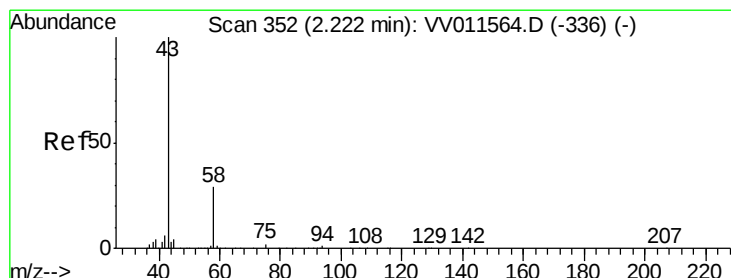
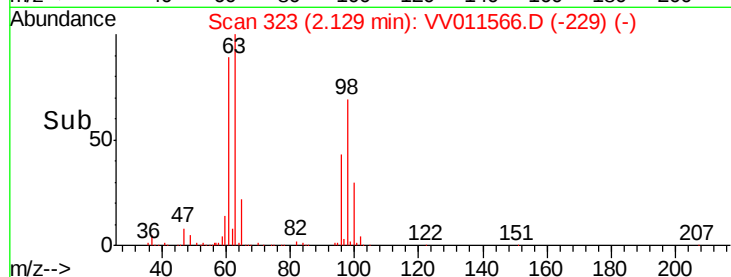
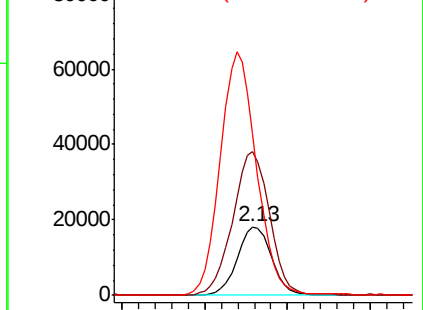
63 234.8 86.2 160.2#



Abundance Ion 96.00 (95.70 to 96.70): VV011566.D (-229) (-)

Ion 61.05 (60.75 to 61.75): VV011566.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV011566.D (-229) (-)



#13

Acetone

Concen: 2.177 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV011566.D

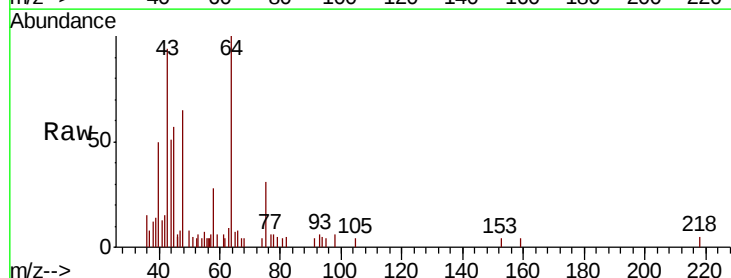
Acq: 18 Jun 2019 10:55

Tgt Ion: 43 Resp: 4854

Ion Ratio Lower Upper

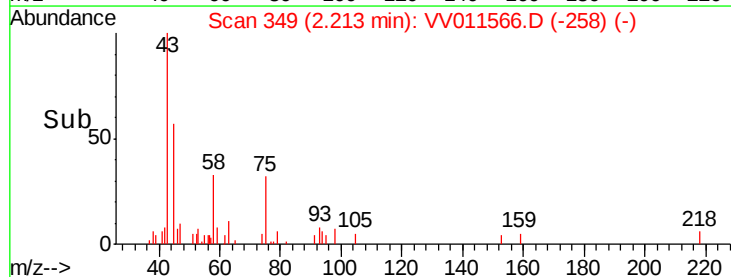
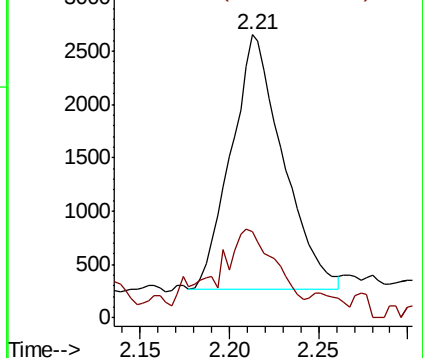
43 100

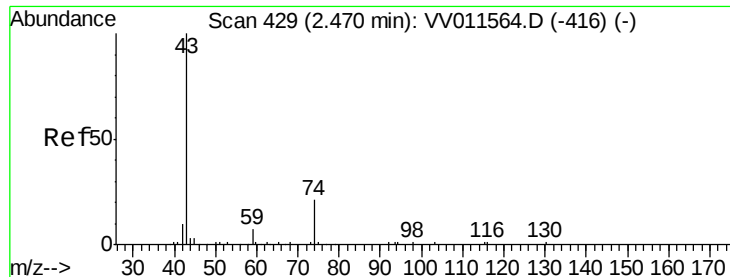
58 30.7 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV011566.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV011566.D (-258) (-)





#15

Methyl Acetate

Concen: 1.333 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

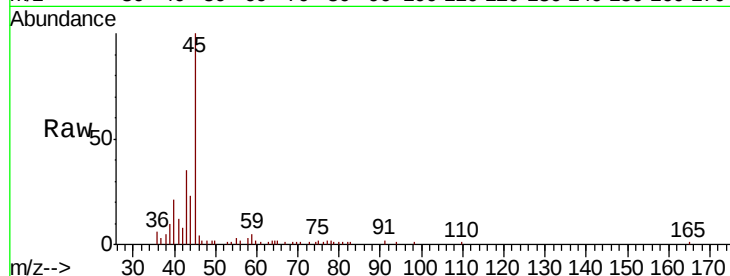
C0LY6

Tgt Ion: 43 Resp: 7879

Ion Ratio Lower Upper

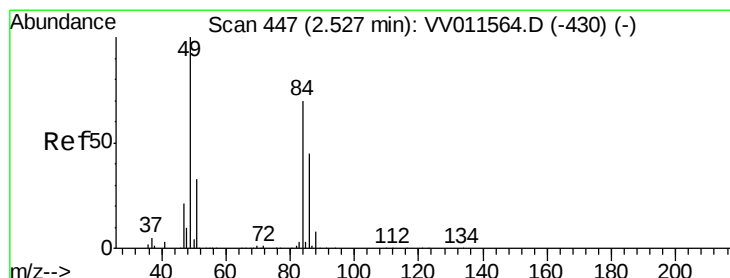
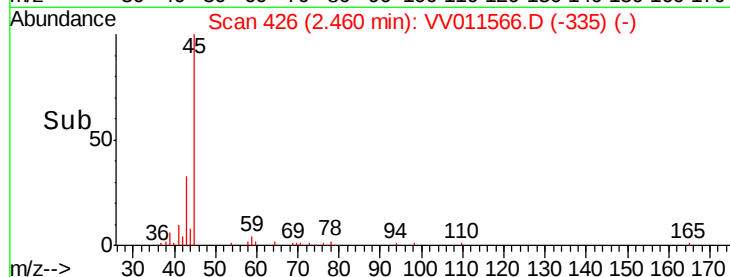
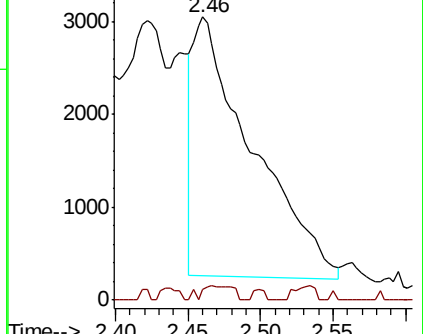
43 100

74 3.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.187 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

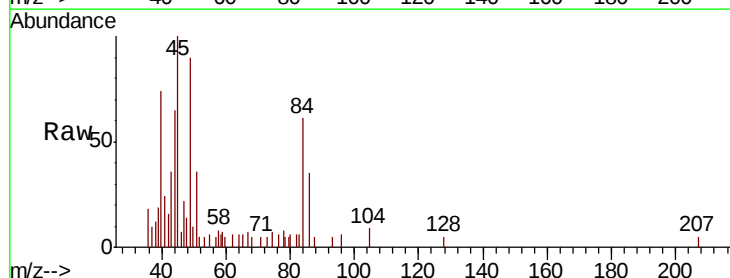
Tgt Ion: 84 Resp: 2062

Ion Ratio Lower Upper

84 100

86 56.7 42.5 78.9

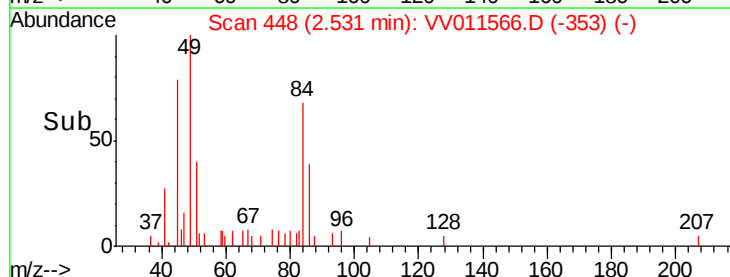
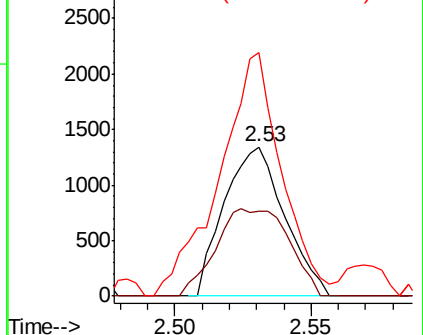
49 163.5 97.7 181.5

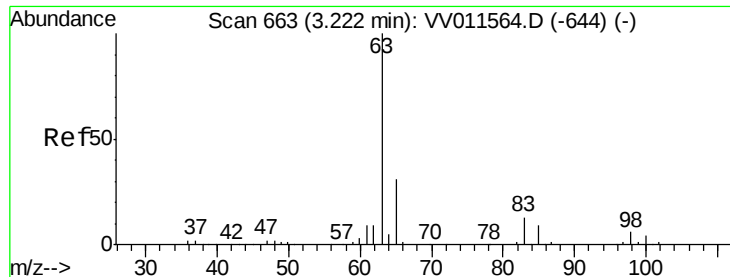


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.01 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampleId :

C0LY6

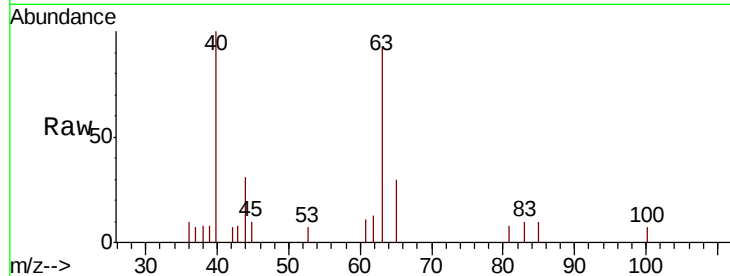
Tgt Ion: 63 Resp: 2927

Ion Ratio Lower Upper

63 100

65 32.4 22.5 41.9

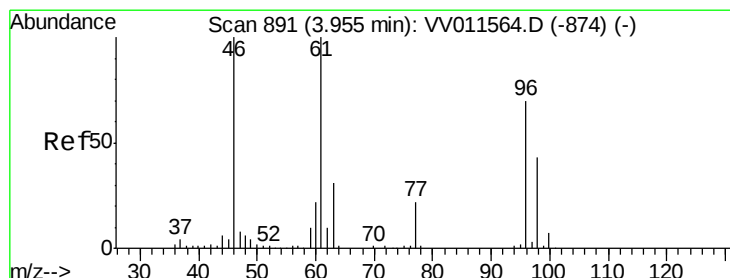
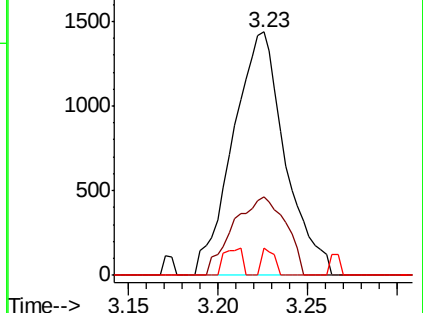
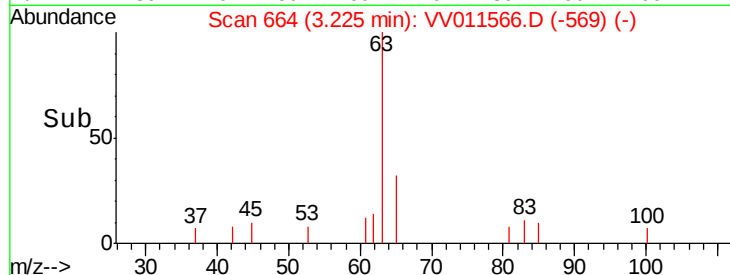
83 11.1 10.1 18.9



Abundance Ion 63.10 (62.80 to 63.80): VV011566.D (-569) (-)

Ion 65.10 (64.80 to 65.80): VV011566.D (-569) (-)

Ion 83.05 (82.75 to 83.75): VV011566.D (-569) (-)



#22

cis-1,2-Dichloroethene

Concen: 2.760 ug/L

RT: 3.96 min Scan# 891

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

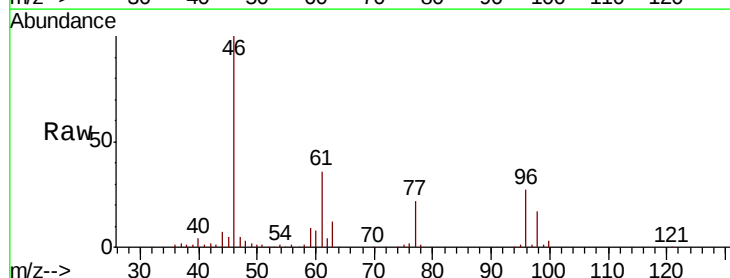
Tgt Ion: 96 Resp: 34245

Ion Ratio Lower Upper

96 100

61 136.2 102.2 189.8

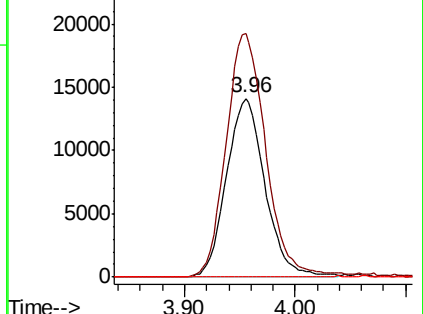
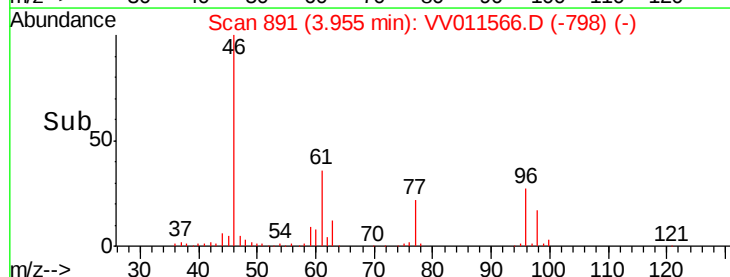
68 0.0 0.0 0.0

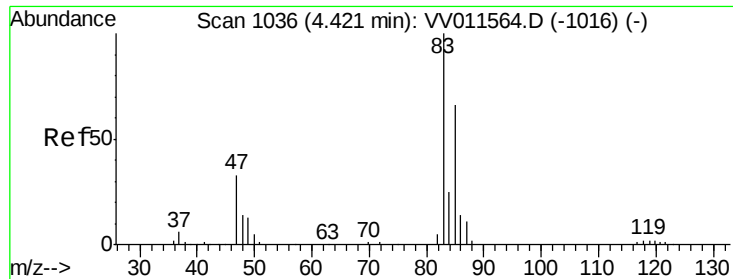


Abundance Ion 96.00 (95.70 to 96.70): VV011566.D (-798) (-)

Ion 61.05 (60.75 to 61.75): VV011566.D (-798) (-)

Ion 68.15 (67.85 to 68.85): VV011566.D (-798) (-)

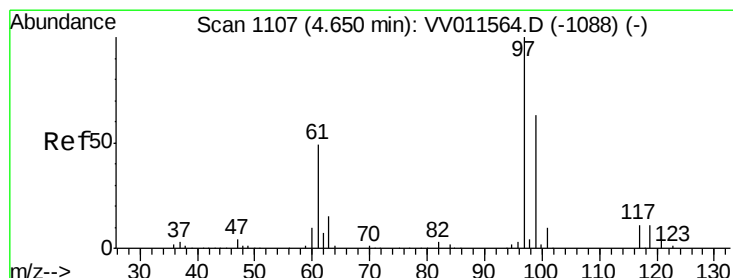
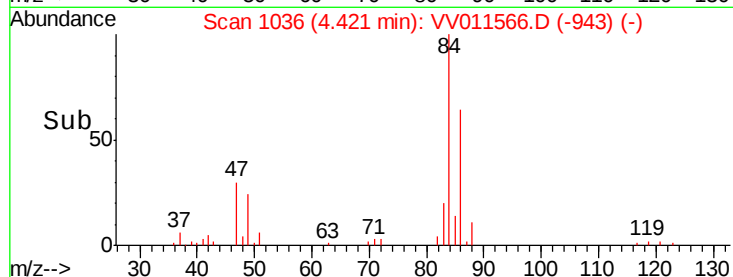
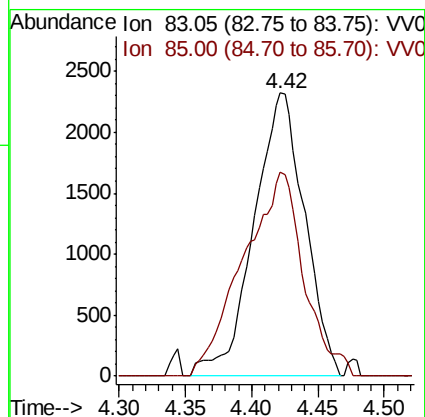
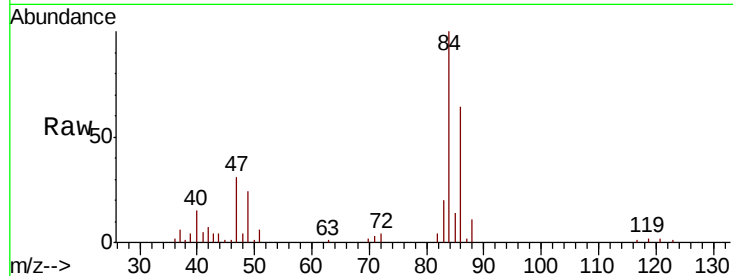




#25
Chloroform
Concen: 0.273 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV011566.D
Acq: 18 Jun 2019 10:55

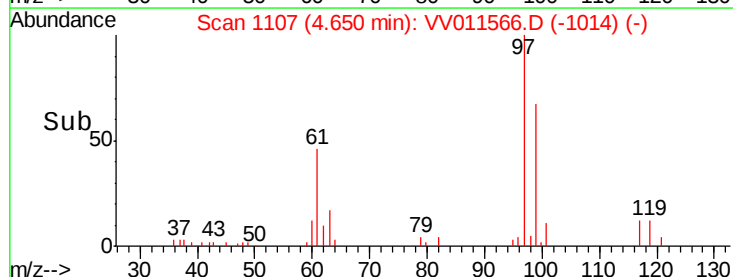
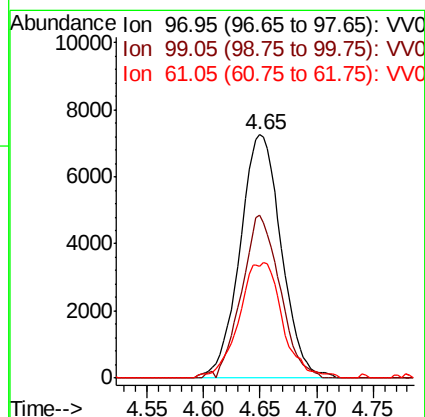
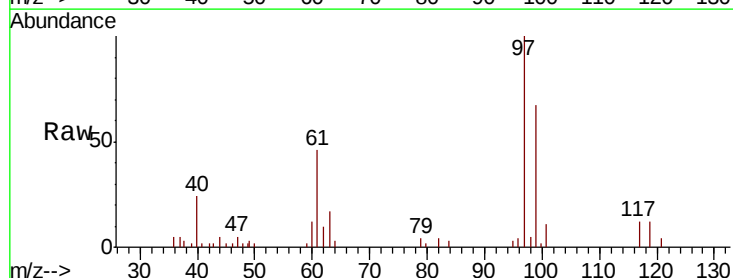
Instrument :
MSVOA_V
ClientSampled :
COLY6

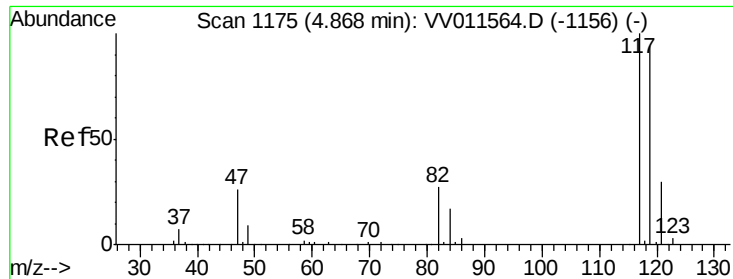
Tgt Ion: 83 Resp: 6205
Ion Ratio Lower Upper
83 100
85 72.2 44.6 82.8



#29
1,1,1-Trichloroethane
Concen: 0.996 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VV011566.D
Acq: 18 Jun 2019 10:55

Tgt Ion: 97 Resp: 18479
Ion Ratio Lower Upper
97 100
99 62.1 51.6 77.4
61 49.8 40.4 60.6





#31

Carbon tetrachloride

Concen: 0.159 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. -0.21 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Instrument :

MSVOA_V

ClientSampled :

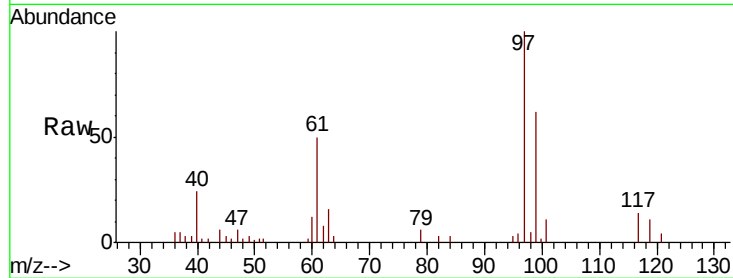
C0LY6

Tgt Ion:117 Resp: 2388

Ion Ratio Lower Upper

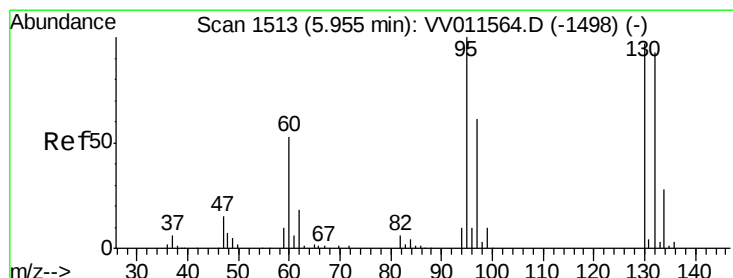
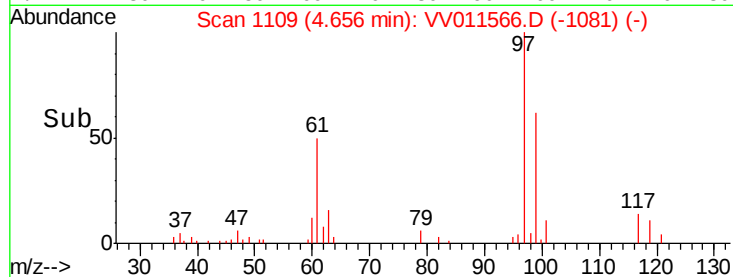
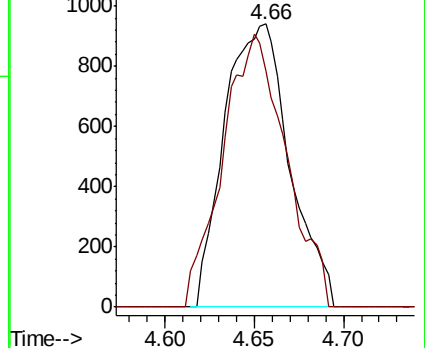
117 100

119 93.9 77.4 116.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 39.007 ug/L

RT: 5.95 min Scan# 1512

Delta R.T. -0.00 min

Lab File: VV011566.D

Acq: 18 Jun 2019 10:55

Tgt Ion: 95 Resp: 484394

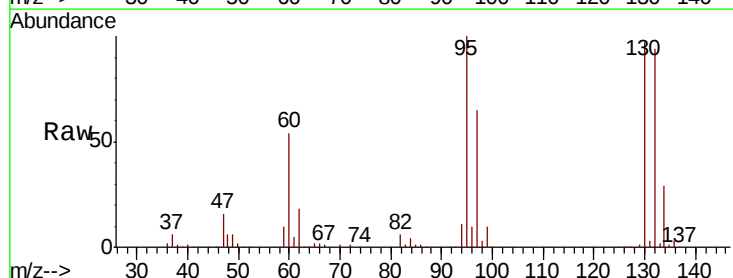
Ion Ratio Lower Upper

95 100

97 64.9 44.4 82.4

132 94.0 63.5 117.9

130 96.7 68.5 127.3

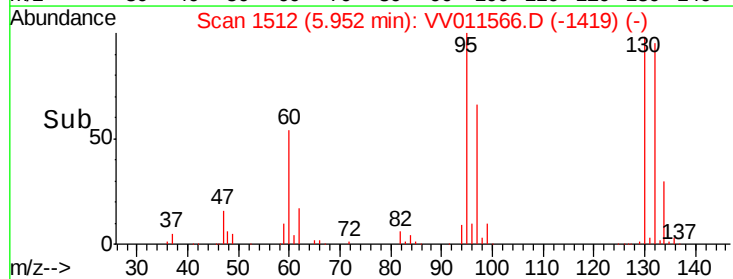
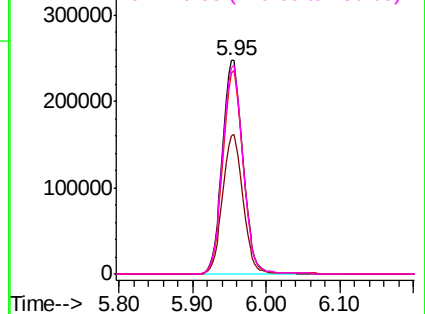


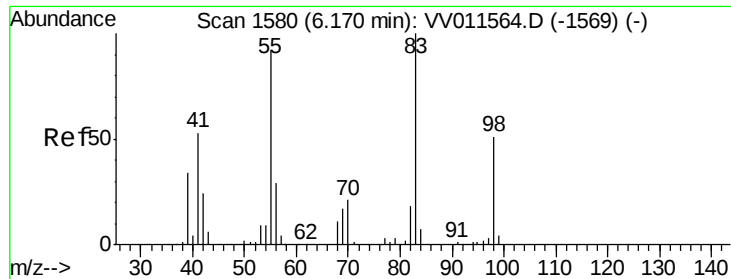
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

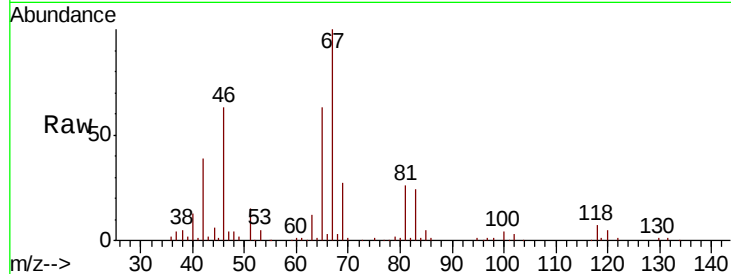




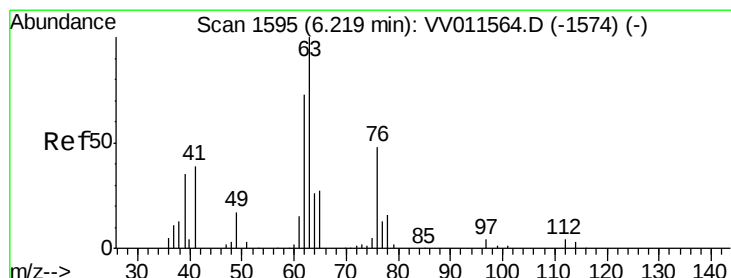
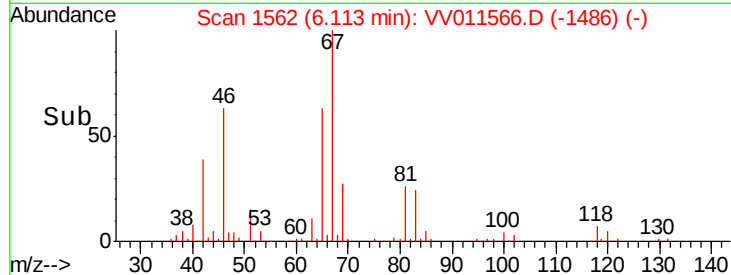
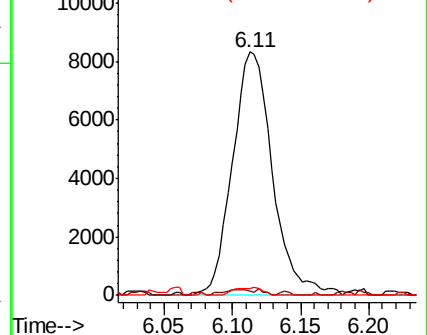
#35
Methylcyclohexane
Concen: 0.958 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV011566.D
Acq: 18 Jun 2019 10:55

Instrument :
MSVOA_V
ClientSampled :
COLY6

Tgt Ion: 83 Resp: 16970
Ion Ratio Lower Upper
83 100
55 0.5 67.9 101.9#
98 2.3 39.6 59.4#

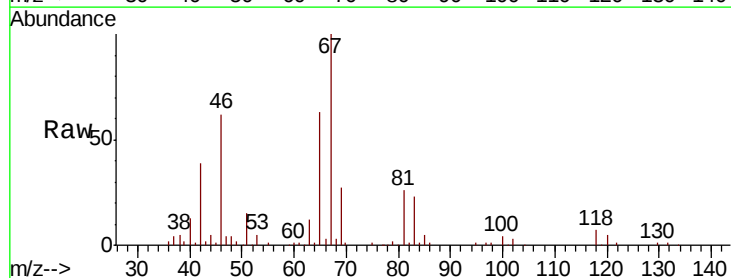


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

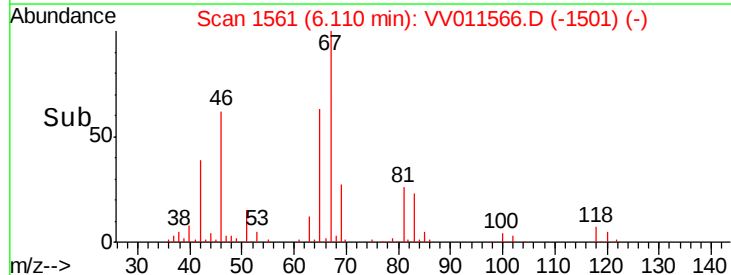
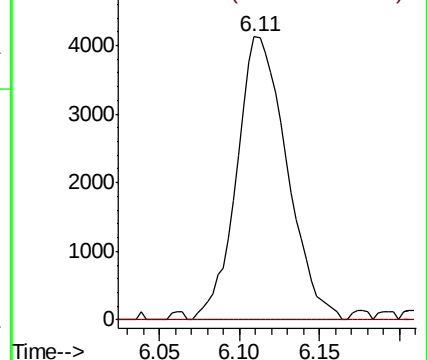


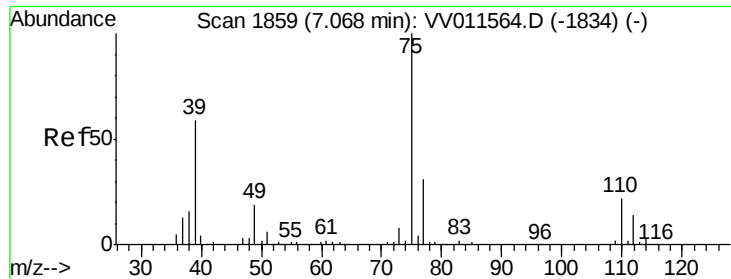
#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV011566.D
Acq: 18 Jun 2019 10:55

Tgt Ion: 63 Resp: 8849
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

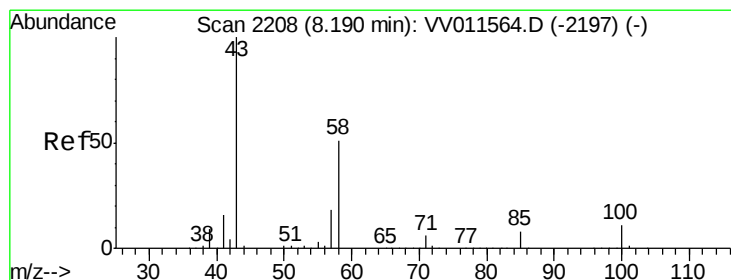
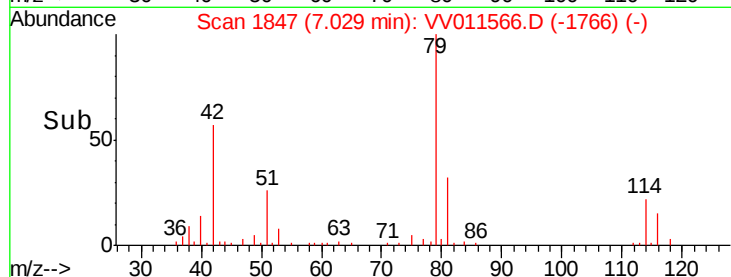
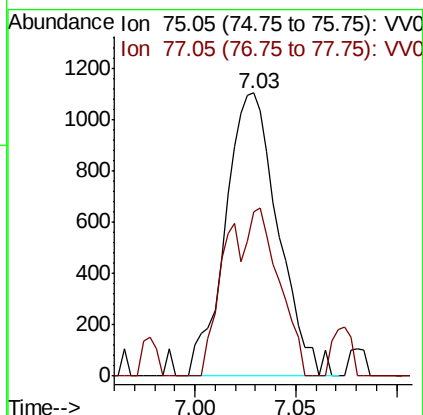
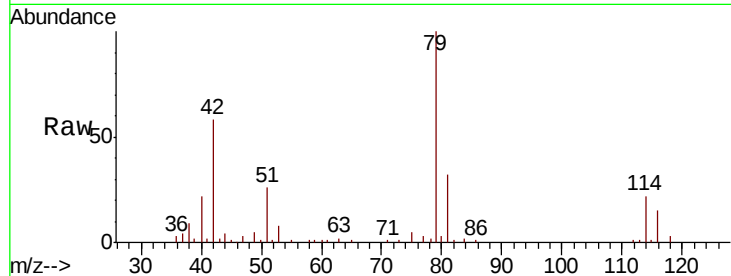




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011566.D
 Acq: 18 Jun 2019 10:55

Instrument :
 MSVOA_V
 ClientSampleId :
 COLY6

Tgt Ion: 75 Resp: 2019
 Ion Ratio Lower Upper
 75 100
 77 57.9 20.6 38.4#



#48
 2-Hexanone
 Concen: 2.683 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV011566.D
 Acq: 18 Jun 2019 10:55

Tgt Ion: 43 Resp: 17430
 Ion Ratio Lower Upper
 43 100
 58 25.8 40.6 60.8#
 57 25.9 14.2 21.4#
 100 1.3 8.6 12.8#

