

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
 Data File : VV012364.D
 Acq On : 23 Aug 2019 14:35
 Operator : SY/MD
 Sample : I.BLK
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Quant Time: Aug 24 01:25:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 00:53:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	179172	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50899	5.69	ug/L	0.00
7) Chloroethane-d5	1.58	69	35517	5.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	64884	4.08	ug/L	0.00
20) 2-Butanone-d5	3.94	46	115065	47.68	ug/L	-0.03
24) Chloroform-d	4.40	84	94983	4.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59907	6.02	ug/L	0.00
32) Benzene-d6	5.10	84	217391	5.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	69105	5.41	ug/L	0.00
41) Toluene-d8	7.36	98	187421	4.96	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24318	5.02	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	82258	54.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48400	5.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	67620	5.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	1647	0.108 ug/L	94
3) Chloromethane	1.25	50	1528	0.130 ug/L	98
5) Vinyl chloride	1.32	62	2183	0.191 ug/L #	16
9) Trichlorofluoromethane	1.77	101	1237	0.081 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1885	0.238 ug/L #	73
12) 1,1-Dichloroethene	2.14	96	1312	0.183 ug/L #	1
14) Carbon disulfide	2.32	76	7532	0.334 ug/L #	80
16) Methylene chloride	2.53	84	1630	0.204 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	2268	0.212 ug/L #	73
21) 2-Butanone	3.99	43	2626	1.071 ug/L	83
22) cis-1,2-Dichloroethene	3.96	96	2765	0.237 ug/L	96
25) Chloroform	4.42	83	16846	0.760 ug/L	89
27) 1,2-Dichloroethane	5.18	62	548	0.047 ug/L #	74
30) Cyclohexane	4.72	56	1969	0.110 ug/L #	74
34) Trichloroethene	5.96	95	2009	0.169 ug/L	86
35) Methylcyclohexane	6.17	83	2542	0.136 ug/L	97
42) Toluene	7.44	91	3626	0.080 ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	1108	0.097 ug/L	87
47) Tetrachloroethene	8.02	164	1896	0.197 ug/L	94
48) 2-Hexanone	8.18	43	29328	6.779 ug/L #	68
51) Chlorobenzene	8.92	112	3361	0.114 ug/L	93
52) Ethylbenzene	9.05	91	5063	0.104 ug/L	96
53) m,p-xylene	9.19	106	2156	0.118 ug/L	91
55) Styrene	9.61	104	2460	0.085 ug/L	96
56) Isopropylbenzene	9.97	105	5147	0.111 ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	806	0.104 ug/L #	77
62) 1,3-Dichlorobenzene	11.23	146	4372	0.230 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	5337	0.280 ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	3795	0.217 ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	4187	0.287 ug/L	97

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ALS Vial : 7 Sample Multiplier: 1

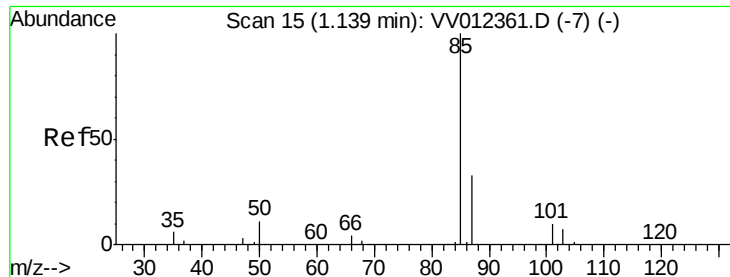
Instrument :
MSVOA_V
ClientSampleId :
VBLK68

Quant Time: Aug 24 01:25:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 24 00:53:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2,4-trichlorobenzene	13.32	180	3382	0.333	ug/L	92
69) Naphthalene	13.56	128	7465	0.531	ug/L	97
70) 1,2,3-Trichlorobenzene	13.80	180	3659	0.384	ug/L	90

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

```
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Operator  : SY/MD  
Sample    : I.BLK  
Misc      : 25mL/MSVOA_V/WATER  
ALS Vial  : 7    Sample Multiplier: 1
```



#2

Dichlorodifluoromethane

Concen: 0.108 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

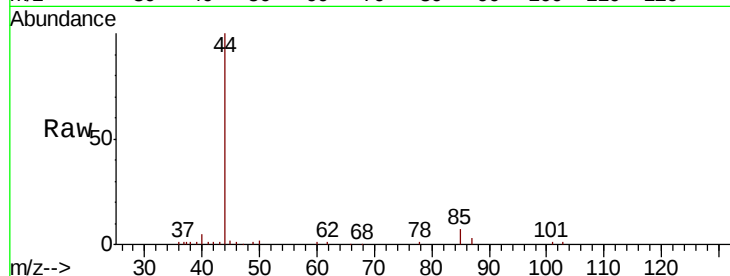
VBLK68

Tgt Ion: 85 Resp: 1647

Ion Ratio Lower Upper

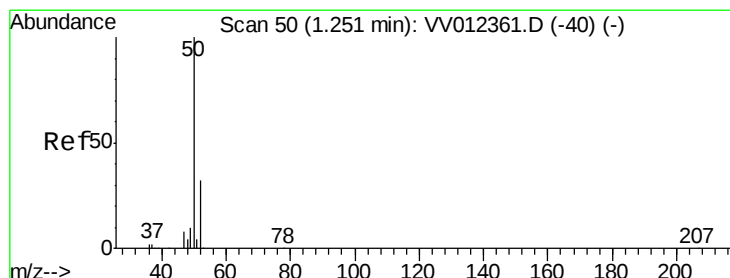
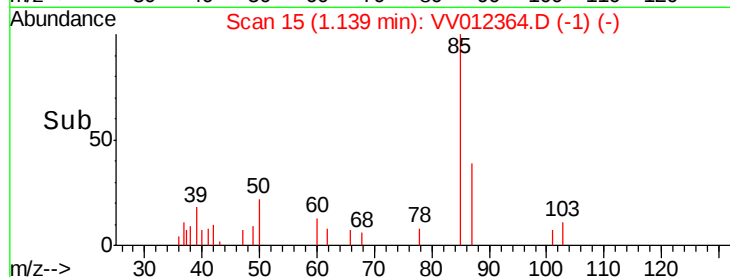
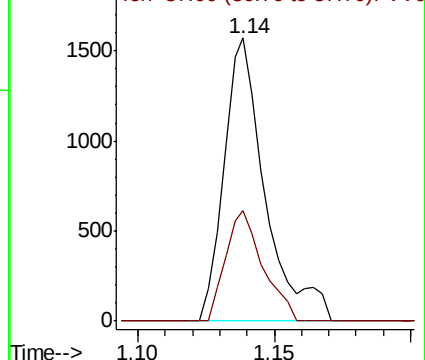
85 100

87 35.4 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.130 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012364.D

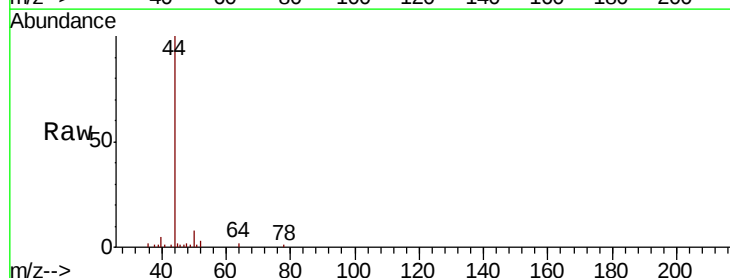
Acq: 23 Aug 2019 14:35

Tgt Ion: 50 Resp: 1528

Ion Ratio Lower Upper

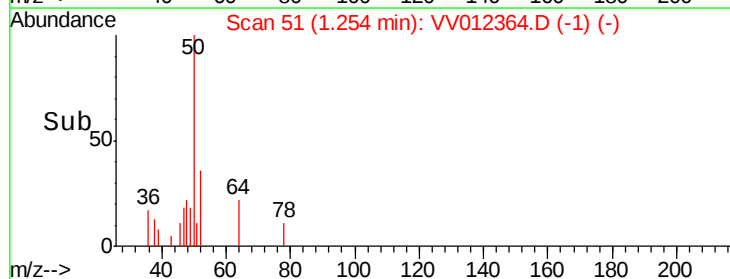
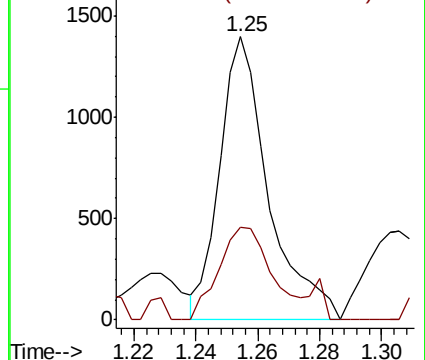
50 100

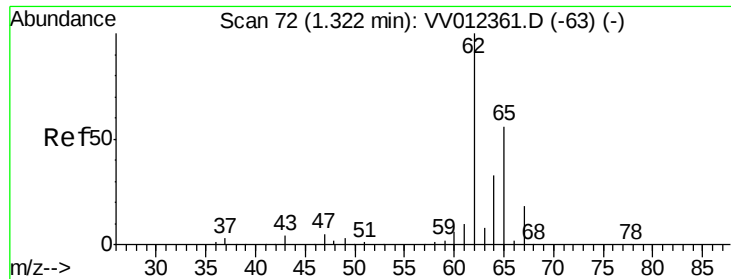
52 32.9 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 0.191 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

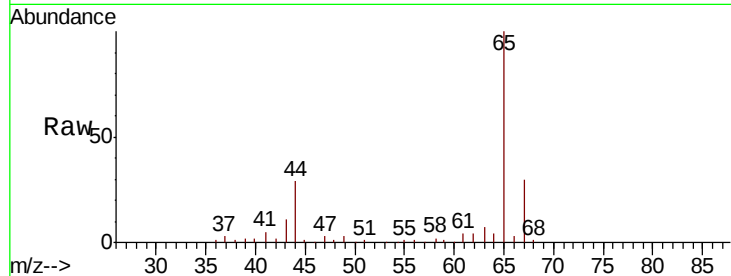
VBLK68

Tgt Ion: 62 Resp: 2183

Ion Ratio Lower Upper

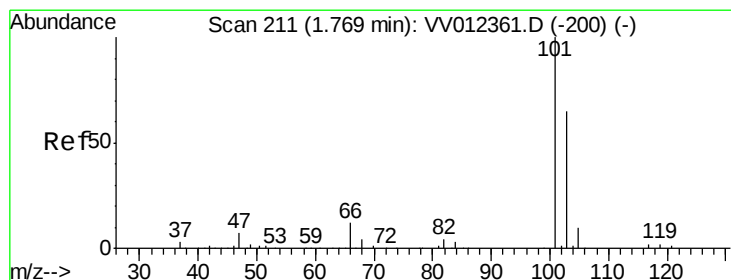
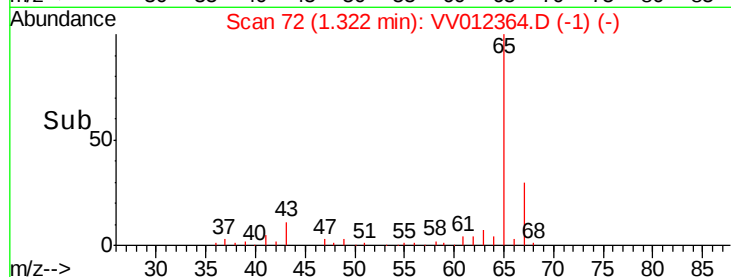
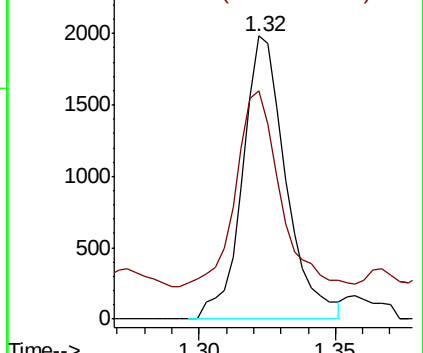
62 100

64 80.9 23.2 43.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#9

Trichlorofluoromethane

Concen: 0.081 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV012364.D

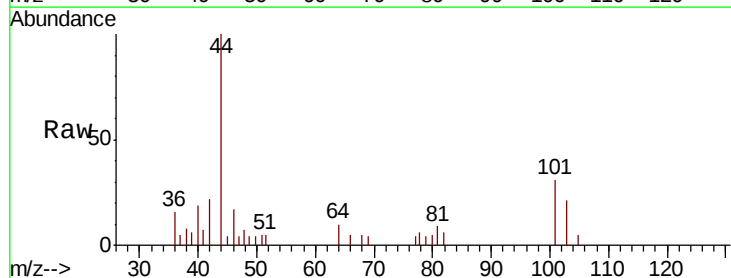
Acq: 23 Aug 2019 14:35

Tgt Ion: 101 Resp: 1237

Ion Ratio Lower Upper

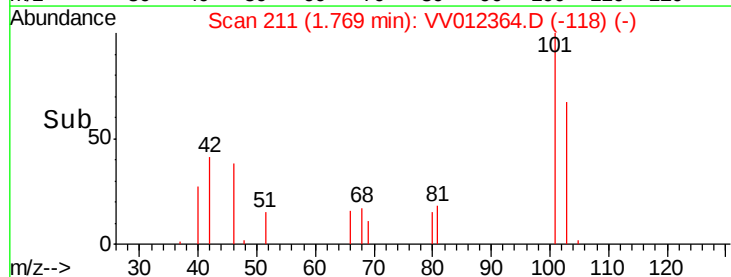
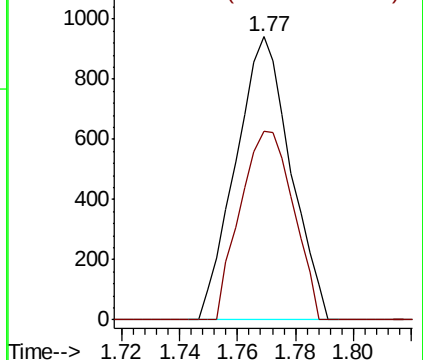
101 100

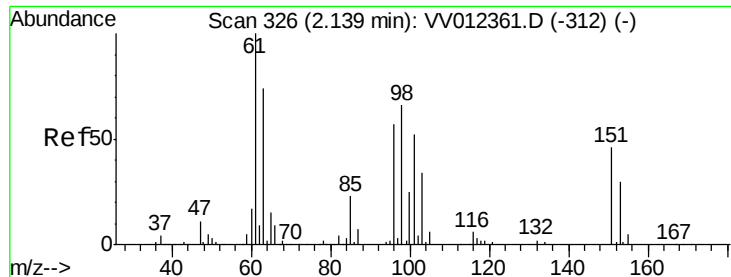
103 64.4 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 0.238 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

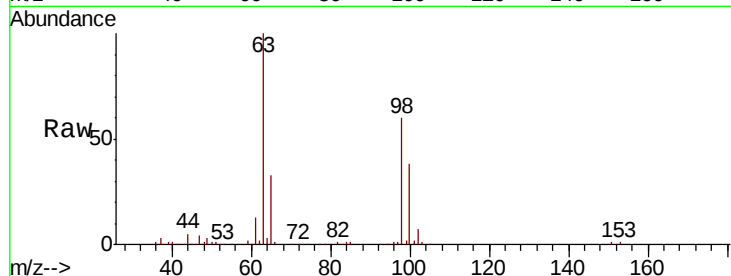
Tgt Ion: 101 Resp: 1885

Ion Ratio Lower Upper

101 100

85 34.7 34.6 51.8

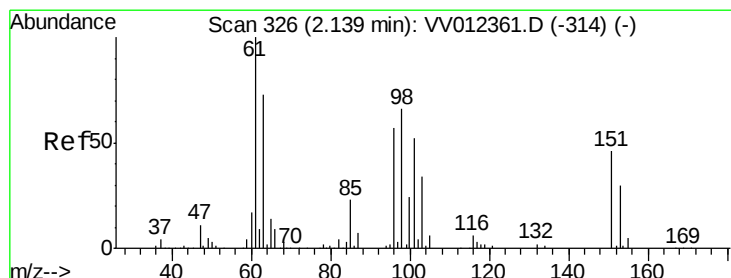
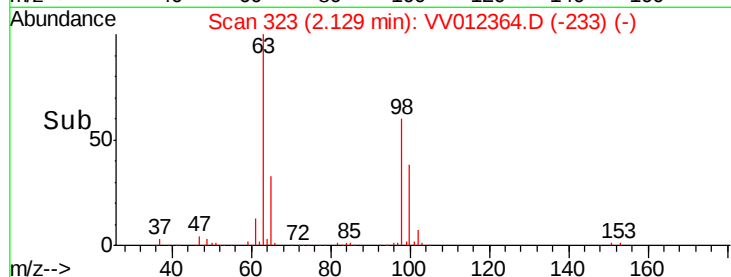
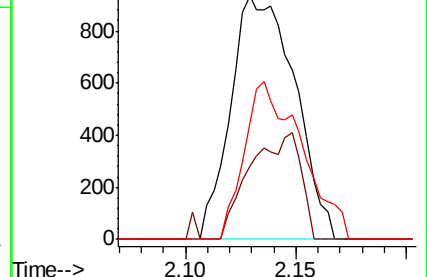
151 58.0 71.2 106.8#



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



#12

1,1-Dichloroethene

Concen: 0.183 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

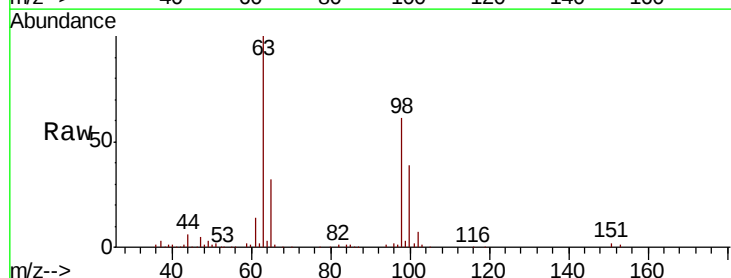
Tgt Ion: 96 Resp: 1312

Ion Ratio Lower Upper

96 100

61 605.9 122.3 227.1#

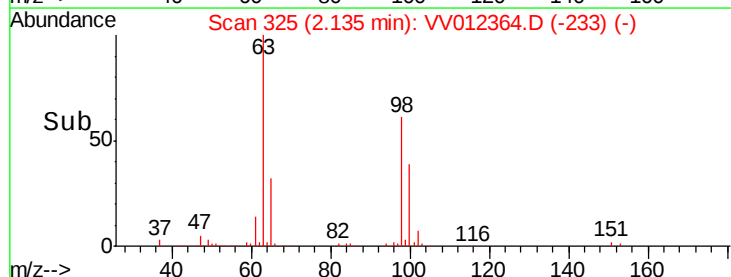
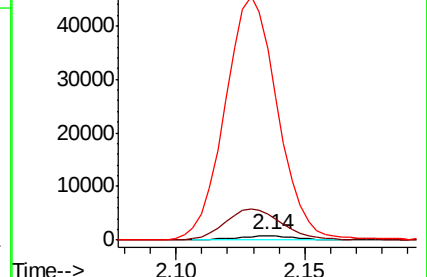
63 4363.7 90.6 168.2#

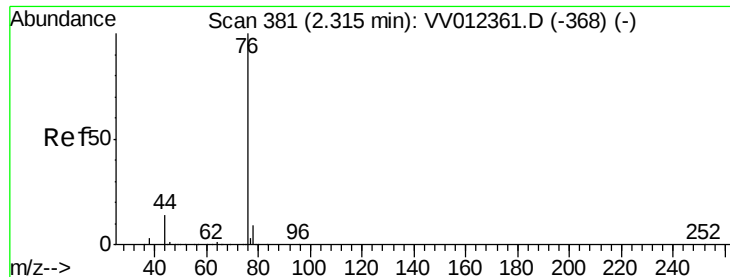


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.334 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

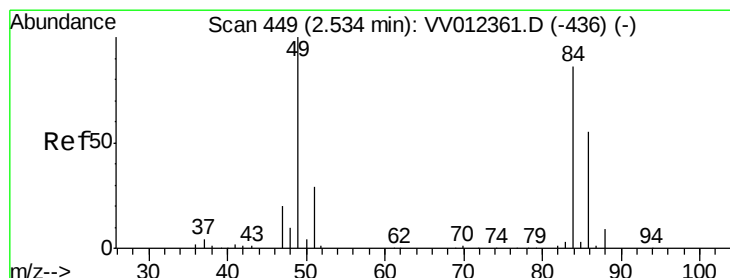
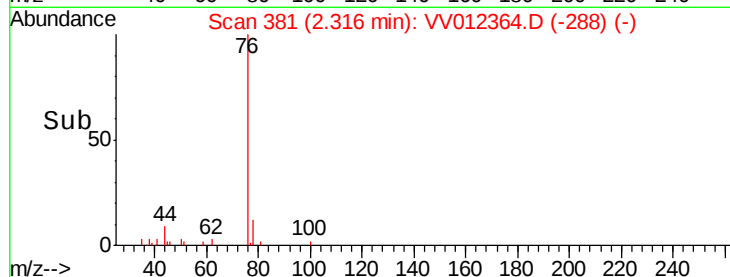
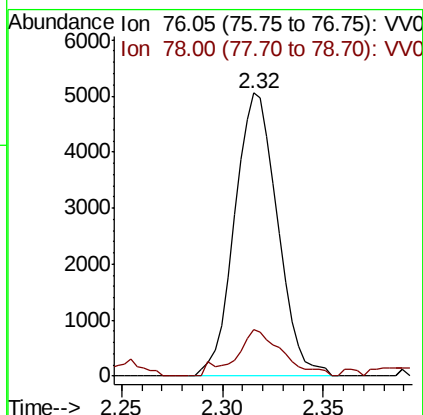
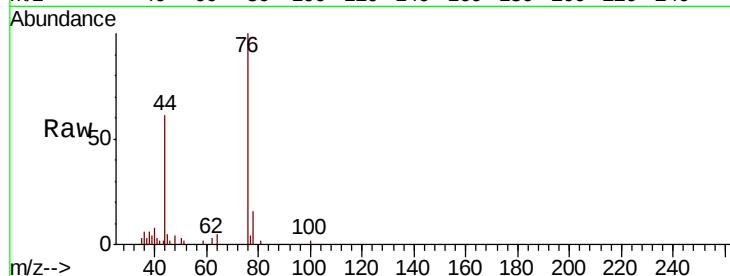
VBLK68

Tgt Ion: 76 Resp: 7532

Ion Ratio Lower Upper

76 100

78 16.3 7.3 10.9#



#16

Methylene chloride

Concen: 0.204 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

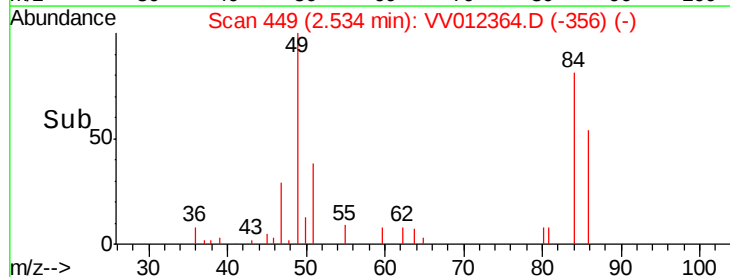
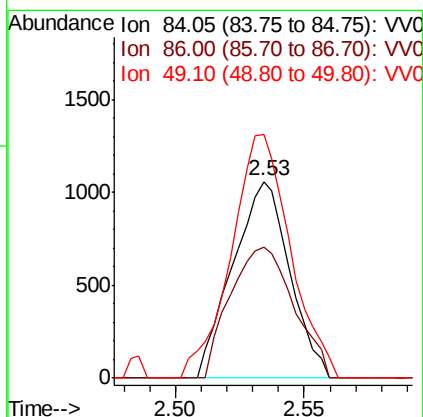
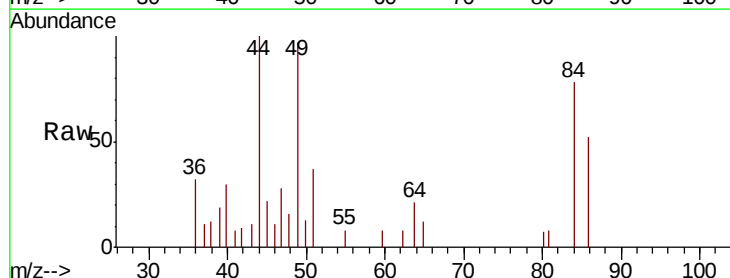
Tgt Ion: 84 Resp: 1630

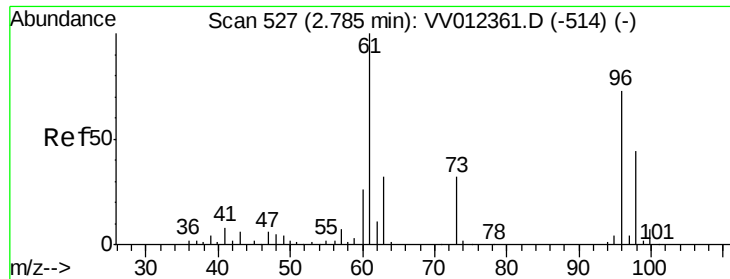
Ion Ratio Lower Upper

84 100

86 66.3 44.9 83.5

49 123.7 81.1 150.7

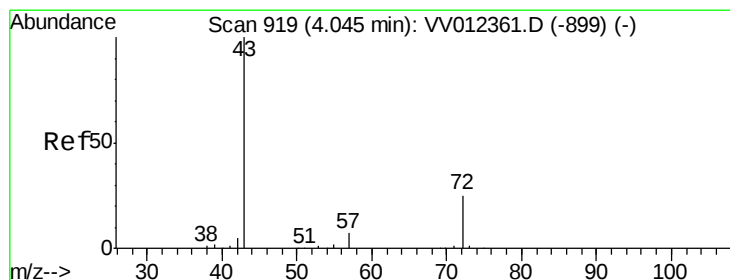
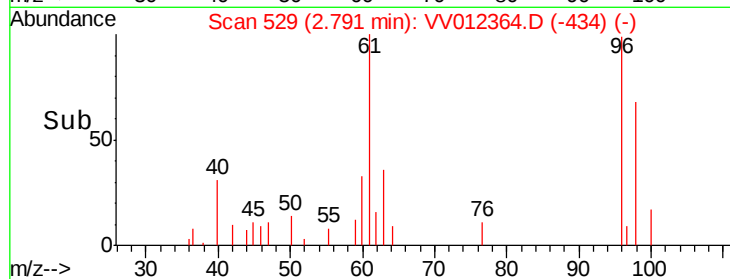
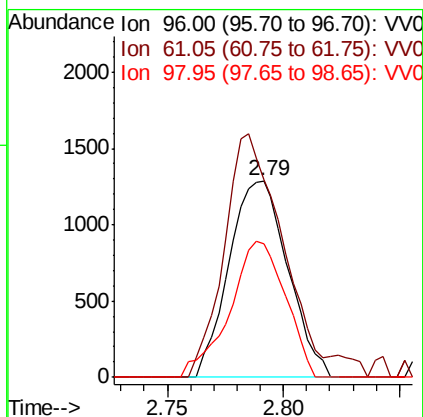
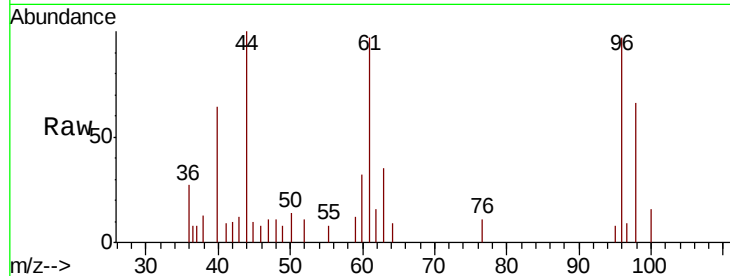




#18
 trans-1,2-Dichloroethene
 Concen: 0.212 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. 0.01 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

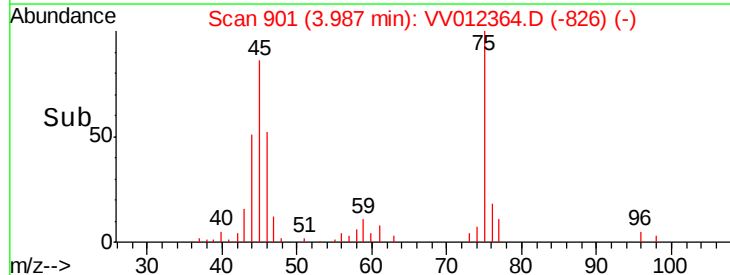
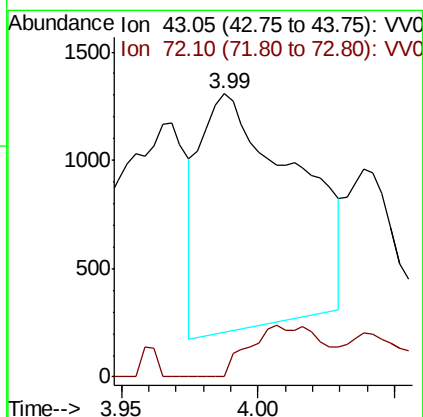
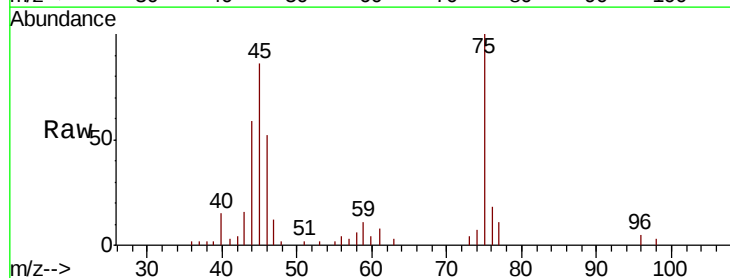
Instrument :
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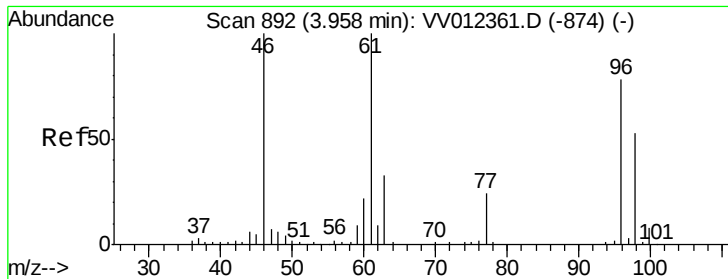
Tgt Ion: 96 Resp: 2268
 Ion Ratio Lower Upper
 96 100
 61 91.9 96.0 178.4#
 98 62.0 42.1 78.3



#21
 2-Butanone
 Concen: 1.071 ug/L
 RT: 3.99 min Scan# 901
 Delta R.T. -0.06 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Tgt Ion: 43 Resp: 2626
 Ion Ratio Lower Upper
 43 100
 72 15.9 12.2 36.6

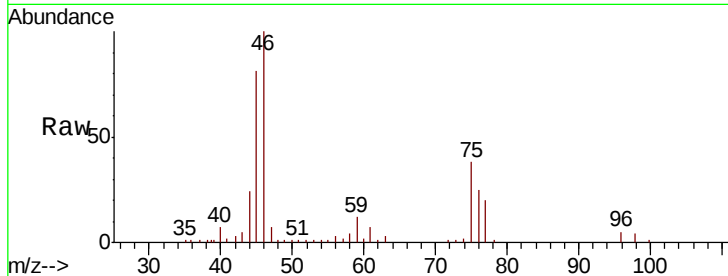




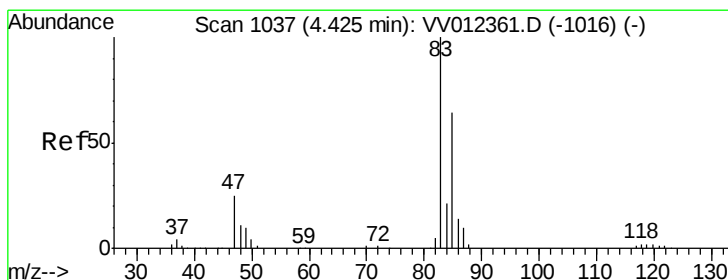
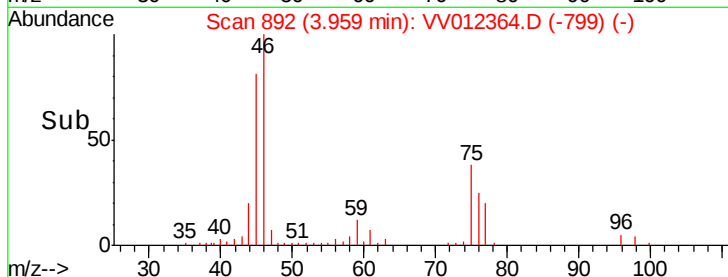
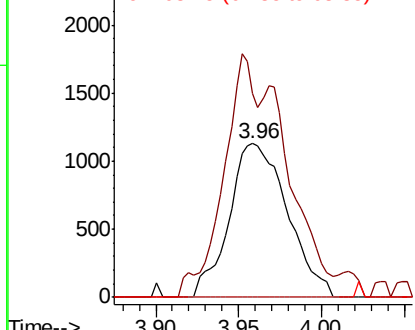
#22
 cis-1,2-Dichloroethene
 Concen: 0.237 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Tgt Ion: 96 Resp: 2765
 Ion Ratio Lower Upper
 96 100
 61 132.5 89.4 166.0
 68 0.0 0.0 0.0

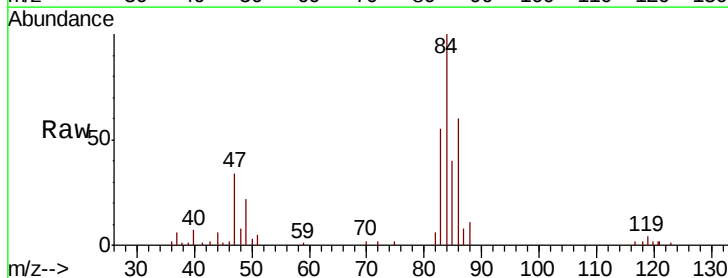


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

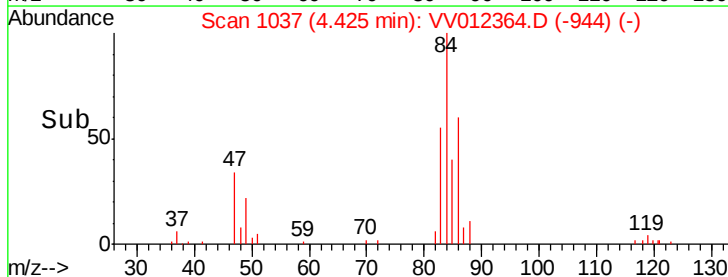
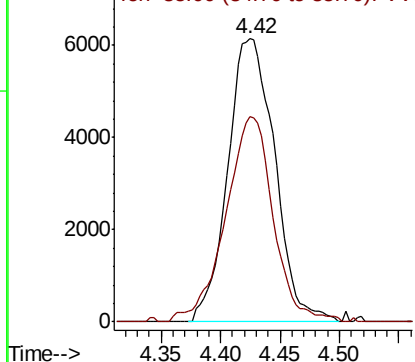


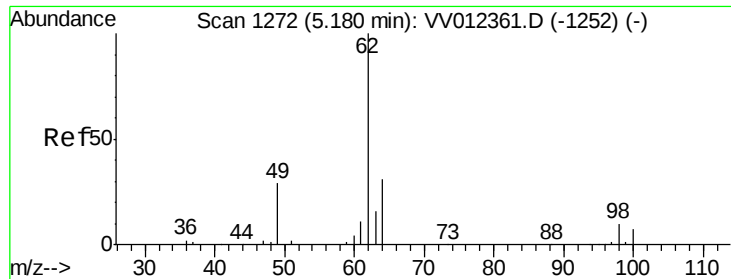
#25
 Chloroform
 Concen: 0.760 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Tgt Ion: 83 Resp: 16846
 Ion Ratio Lower Upper
 83 100
 85 72.4 44.6 82.8



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

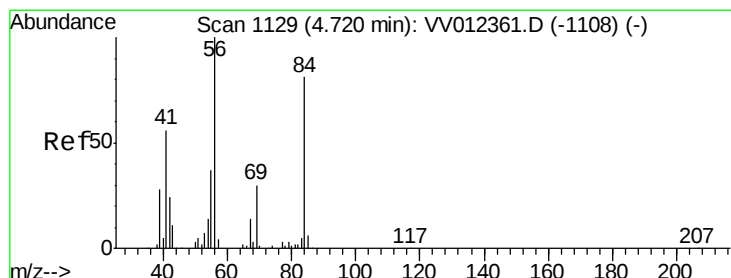
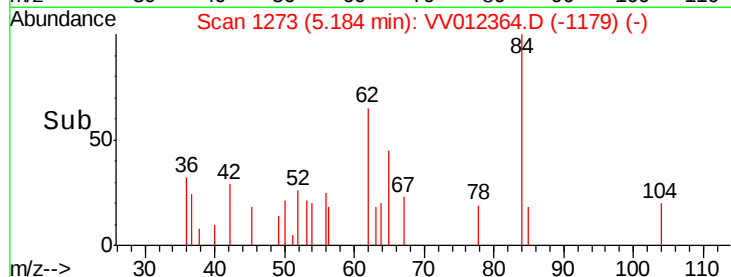
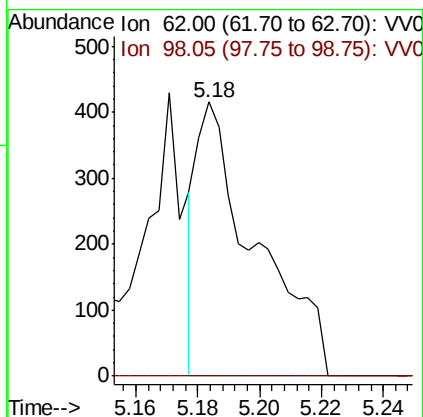
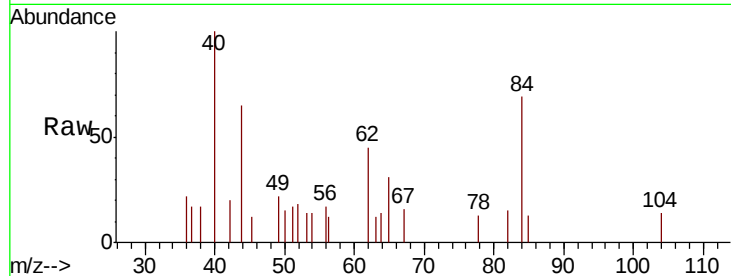




#27
 1,2-Dichloroethane
 Concen: 0.047 ug/L
 RT: 5.18 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

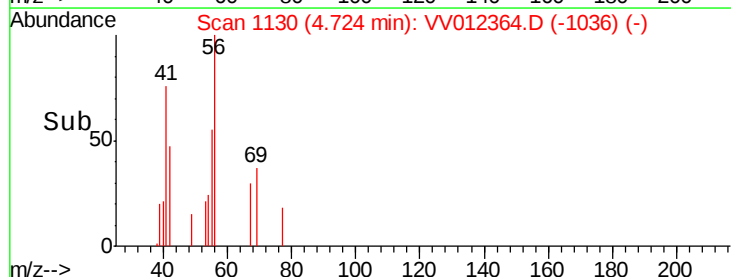
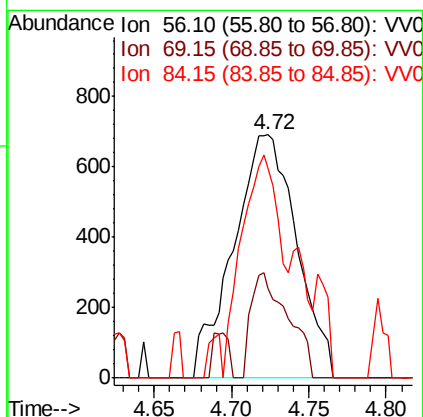
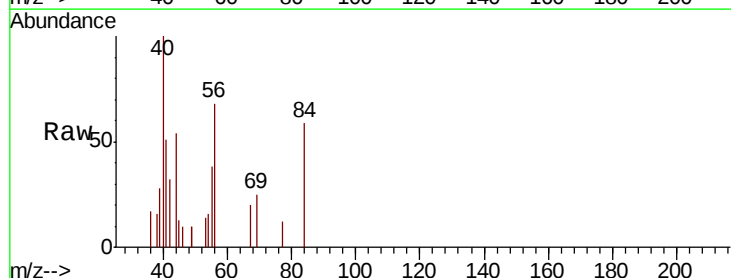
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

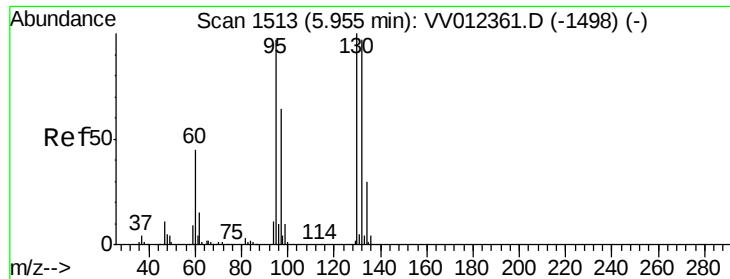
Tgt Ion: 62 Resp: 548
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#30
 Cyclohexane
 Concen: 0.110 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Tgt Ion: 56 Resp: 1969
 Ion Ratio Lower Upper
 56 100
 69 25.4 24.0 36.0
 84 55.9 67.9 101.9#





#34

Trichloroethene

Concen: 0.169 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

Tgt Ion: 95 Resp: 2009

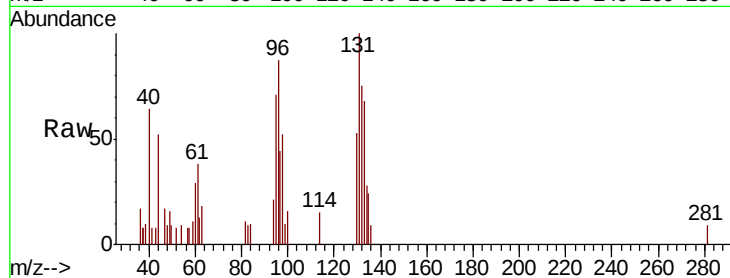
Ion Ratio Lower Upper

95 100

97 61.1 46.3 86.1

132 104.8 70.3 130.7

130 73.9 72.4 134.5

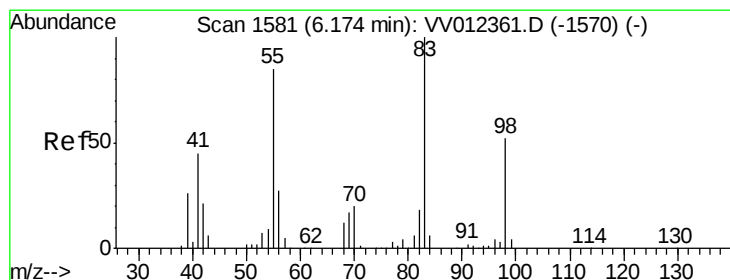
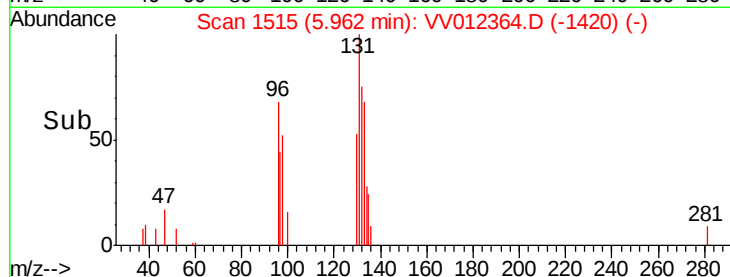
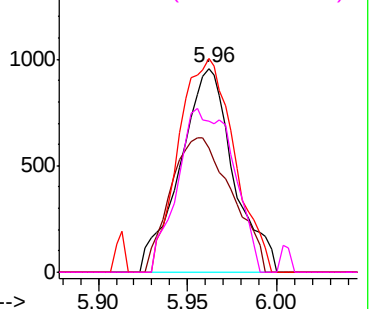


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.136 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

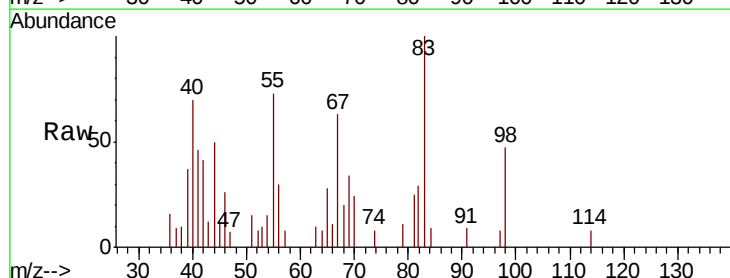
Tgt Ion: 83 Resp: 2542

Ion Ratio Lower Upper

83 100

55 81.9 64.6 97.0

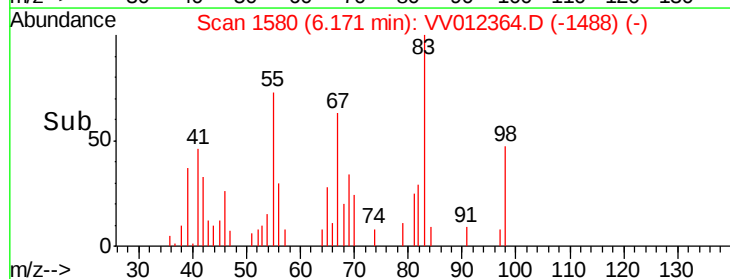
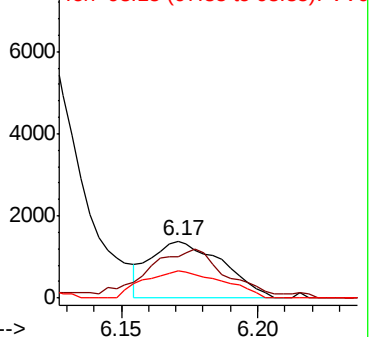
98 52.7 39.0 58.4

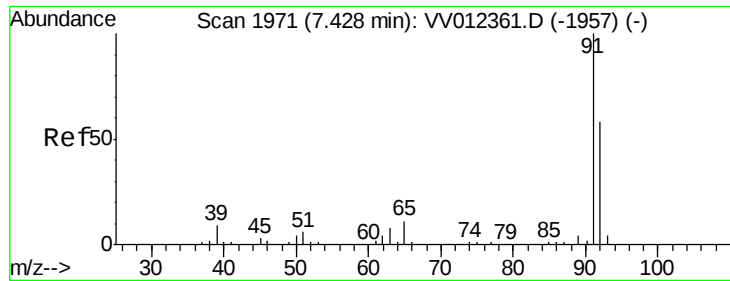


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 0.080 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampled :

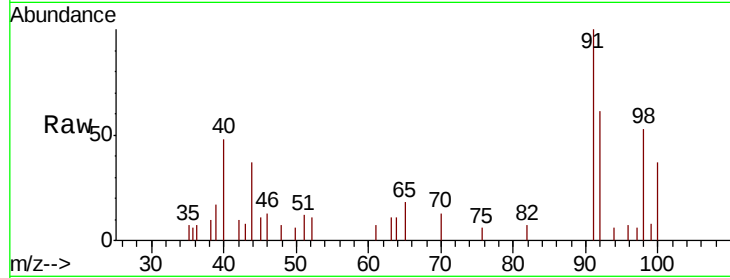
VBLK68

Tgt Ion: 91 Resp: 3626

Ion Ratio Lower Upper

91 100

92 60.7 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.44

2000

1500

1000

500

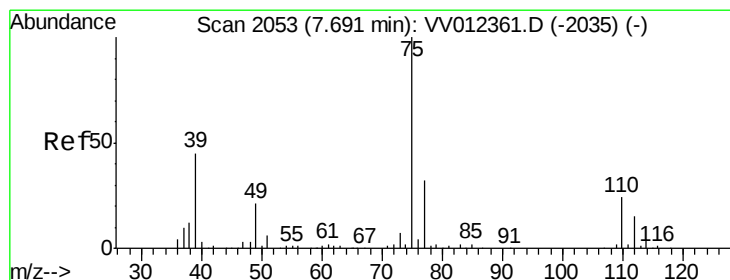
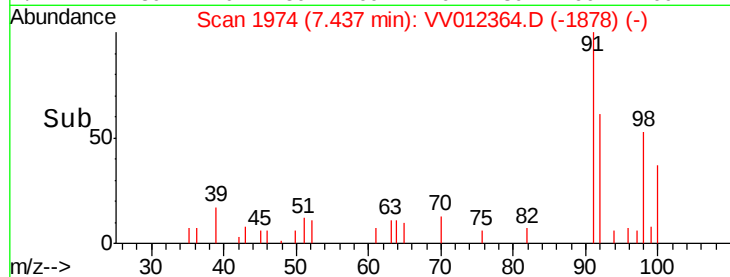
0

7.40

7.45

7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.01 min

Lab File: VV012364.D

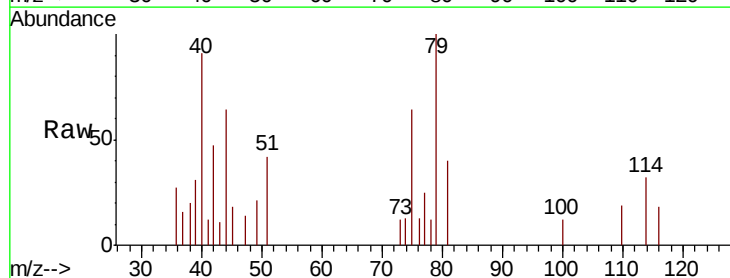
Acq: 23 Aug 2019 14:35

Tgt Ion: 75 Resp: 1108

Ion Ratio Lower Upper

75 100

77 39.6 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

800

600

400

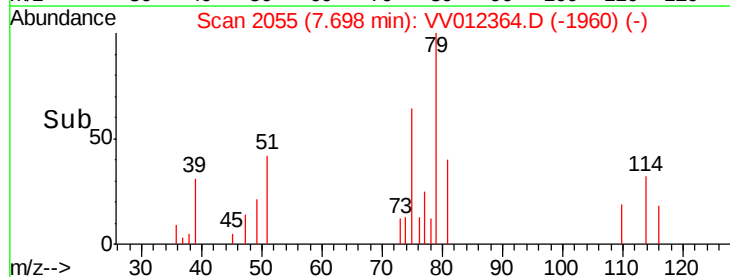
200

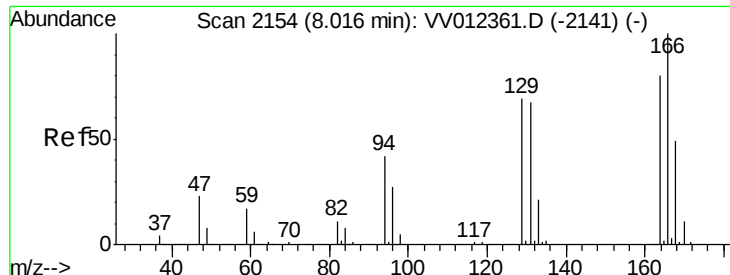
0

7.70

7.75

Time-->





#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

Tgt Ion:164 Resp: 1896

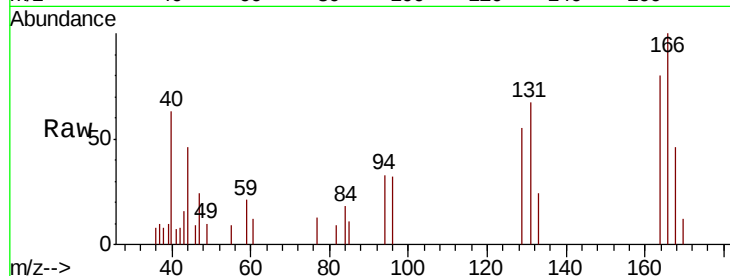
Ion Ratio Lower Upper

164 100

129 69.3 60.6 112.6

131 83.9 58.8 109.2

166 124.8 87.6 162.8

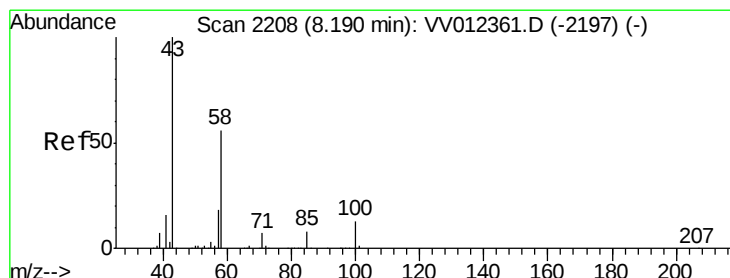
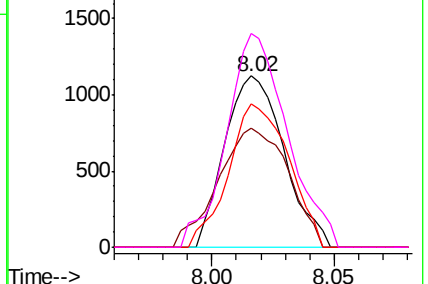
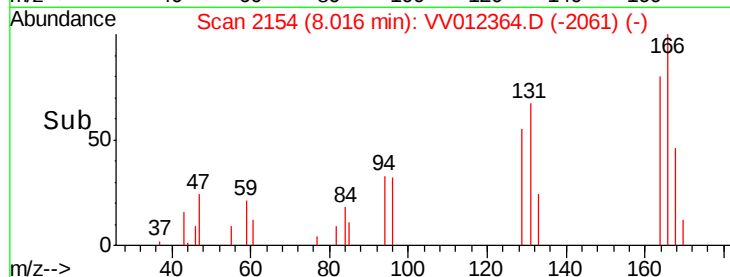


Abundance Ion 163.90 (163.60 to 164.60): V

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: 6.779 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Tgt Ion: 43 Resp: 29328

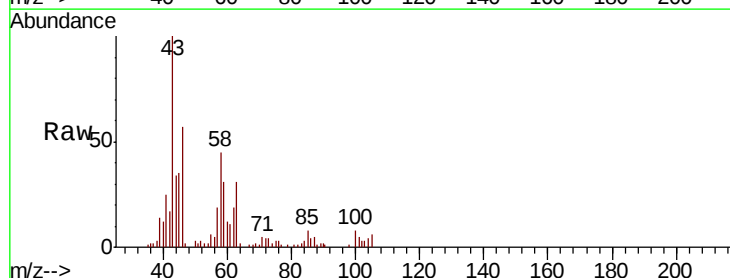
Ion Ratio Lower Upper

43 100

58 26.3 46.3 69.5#

57 13.8 14.9 22.3#

100 7.6 9.7 14.5#

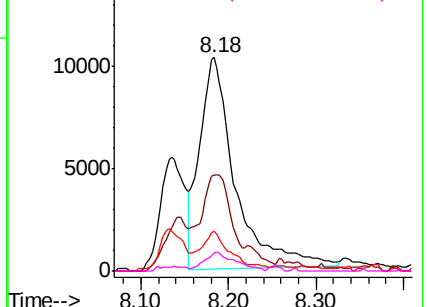
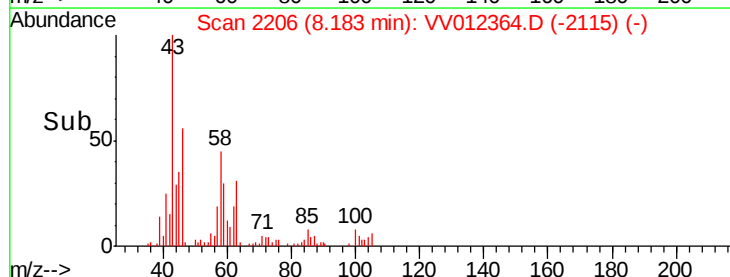


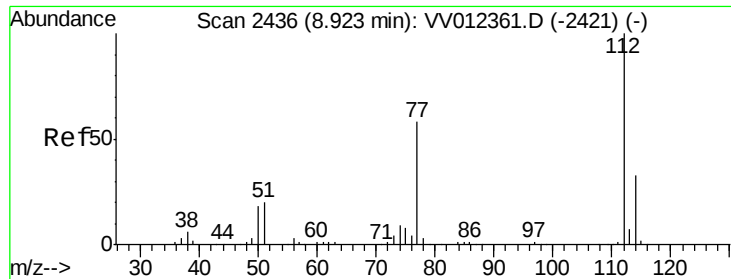
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

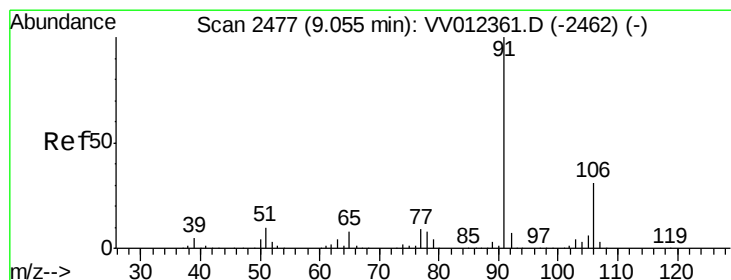
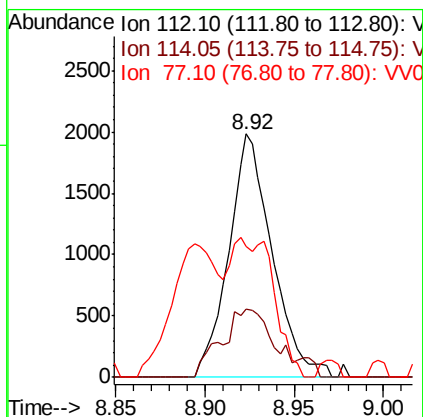
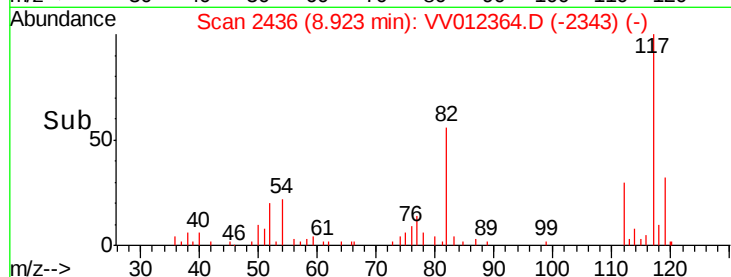
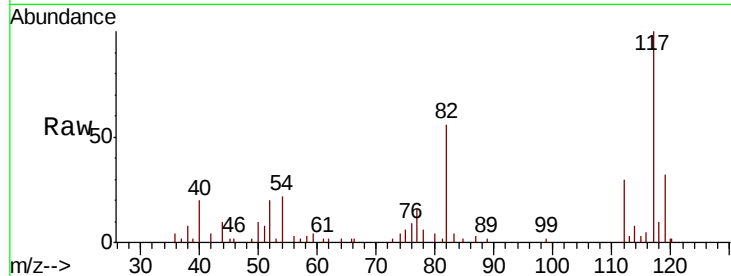




#51
Chlorobenzene
Concen: 0.114 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012364.D
Acq: 23 Aug 2019 14:35

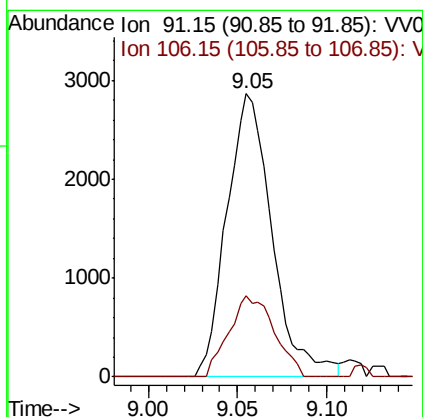
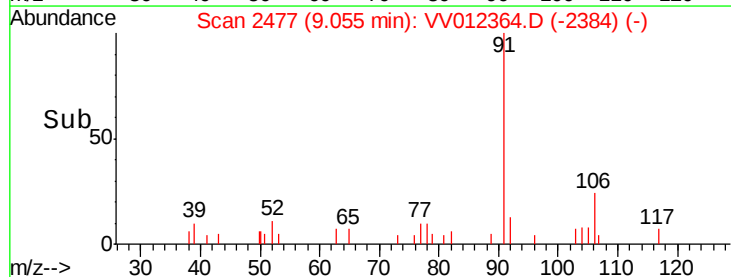
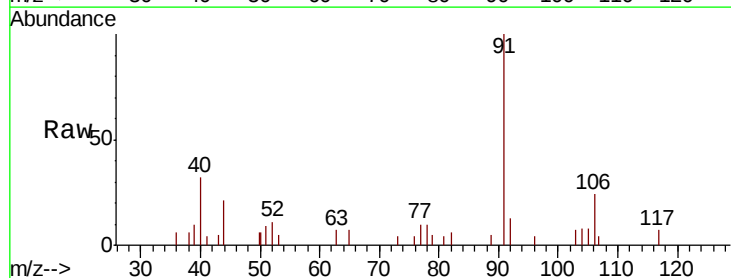
Instrument :
MSVOA_V
ClientSampled :
VBLK68

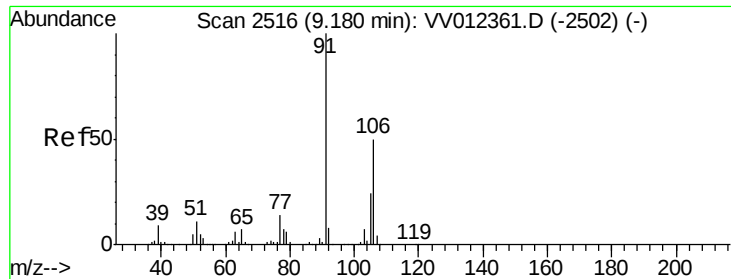
Tgt Ion: 112 Resp: 3361
Ion Ratio Lower Upper
112 100
114 27.9 23.0 42.6
77 53.8 46.4 69.6



#52
Ethylbenzene
Concen: 0.104 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012364.D
Acq: 23 Aug 2019 14:35

Tgt Ion: 91 Resp: 5063
Ion Ratio Lower Upper
91 100
106 28.9 21.7 40.3





#53

m,p-xylene

Concen: 0.118 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

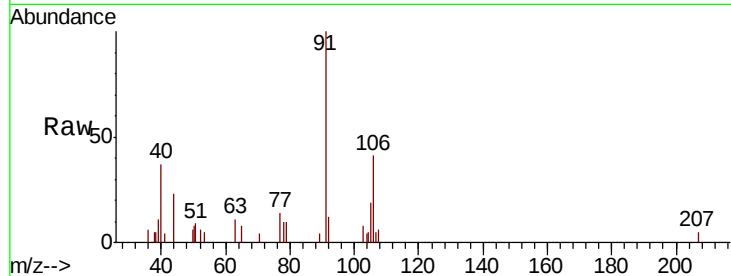
VBLK68

Tgt Ion:106 Resp: 2156

Ion Ratio Lower Upper

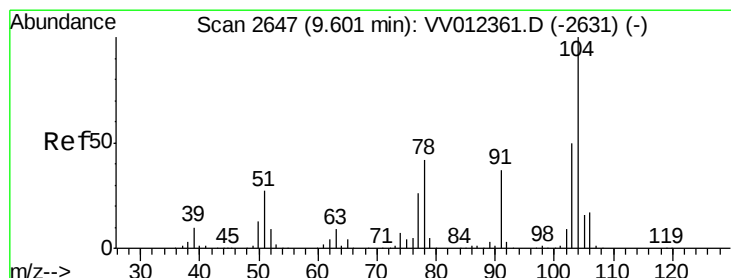
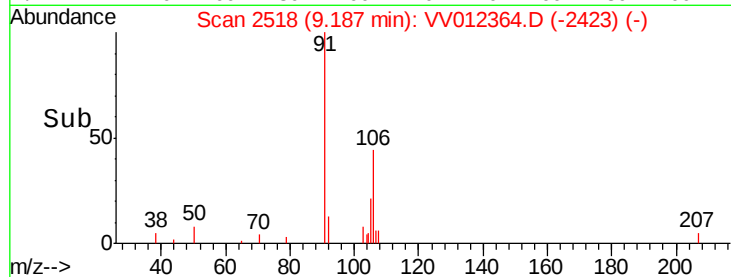
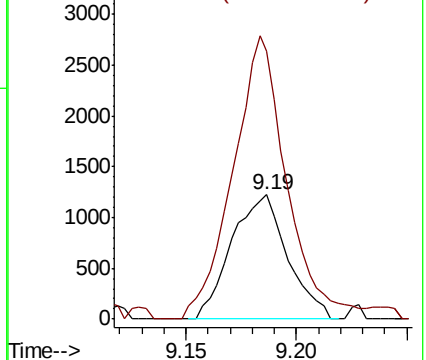
106 100

91 215.1 140.8 261.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 0.085 ug/L

RT: 9.61 min Scan# 2649

Delta R.T. 0.01 min

Lab File: VV012364.D

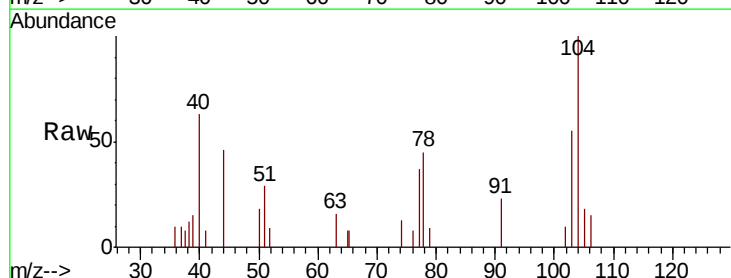
Acq: 23 Aug 2019 14:35

Tgt Ion:104 Resp: 2460

Ion Ratio Lower Upper

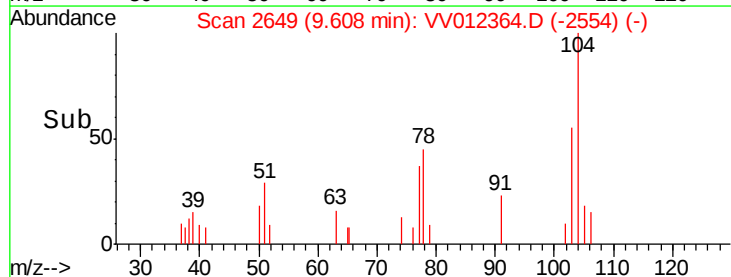
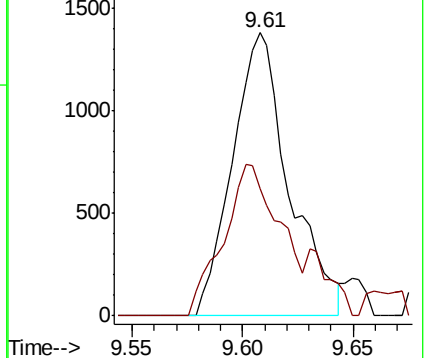
104 100

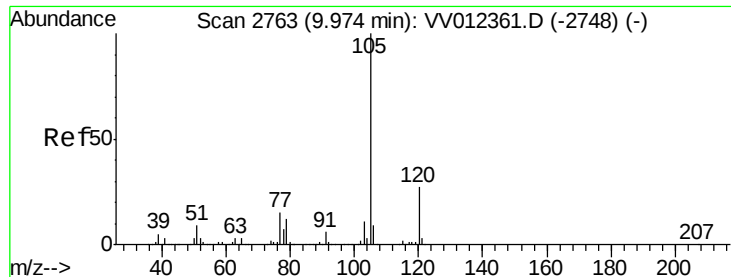
78 45.2 29.8 55.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 0.111 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

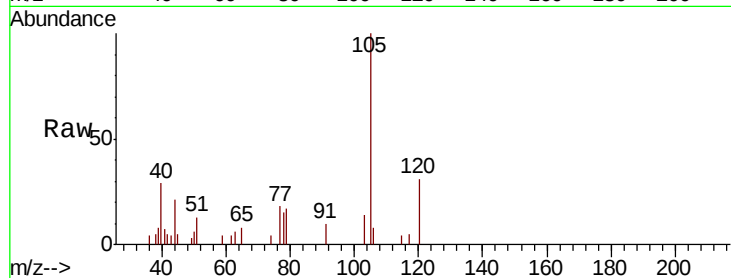
Tgt Ion: 105 Resp: 5147

Ion Ratio Lower Upper

105 100

120 26.9 21.5 32.3

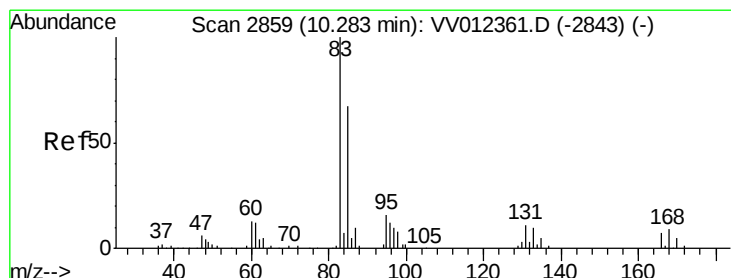
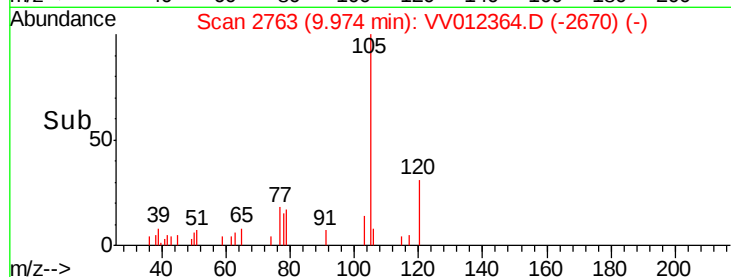
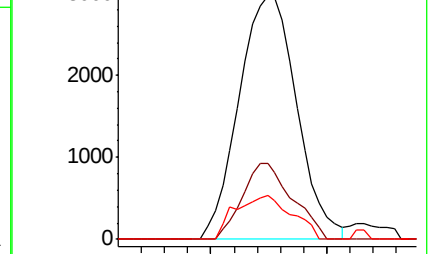
77 17.6 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.104 ug/L

RT: 10.28 min Scan# 2857

Delta R.T. -0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

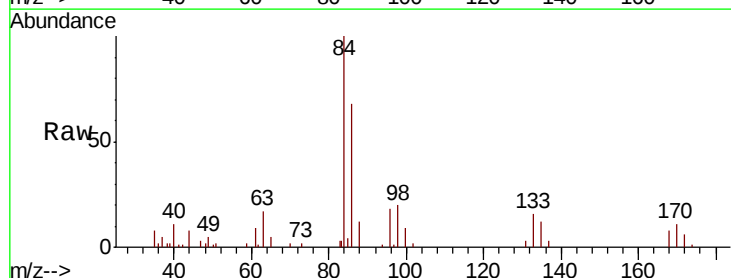
Tgt Ion: 83 Resp: 806

Ion Ratio Lower Upper

83 100

85 55.6 46.5 86.5

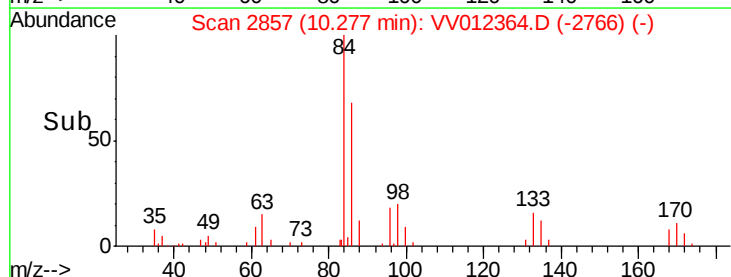
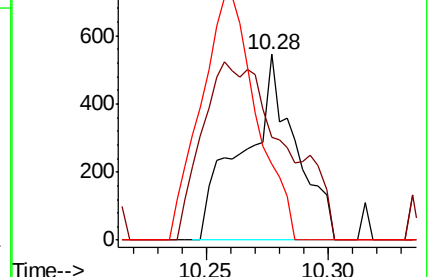
131 41.3 8.9 13.3#

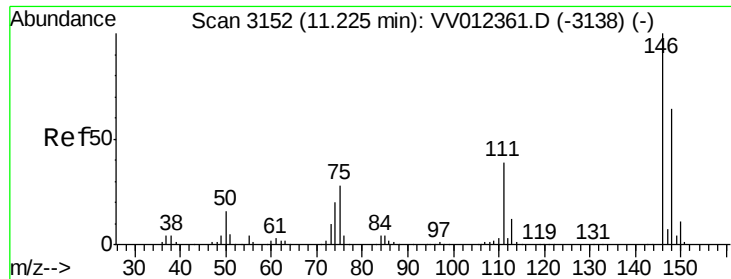


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

1,3-Dichlorobenzene

Concen: 0.230 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

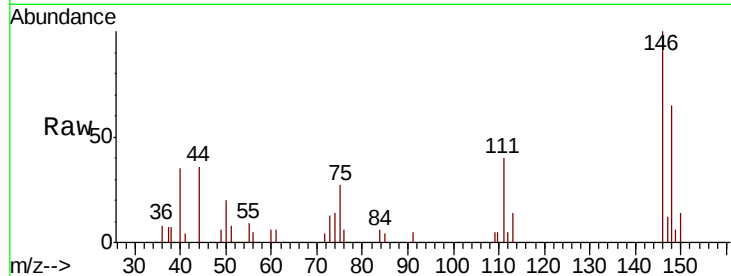
Tgt Ion:146 Resp: 4372

Ion Ratio Lower Upper

146 100

111 39.5 27.0 50.2

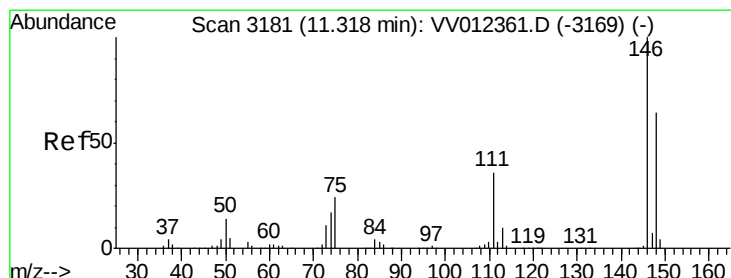
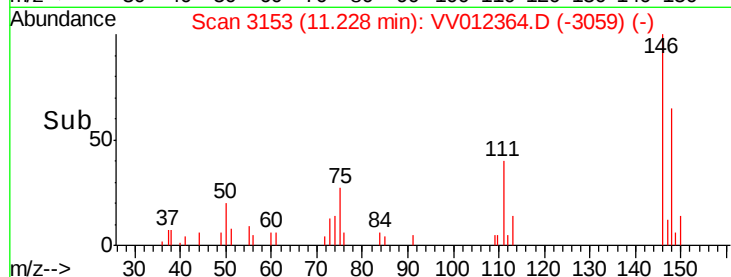
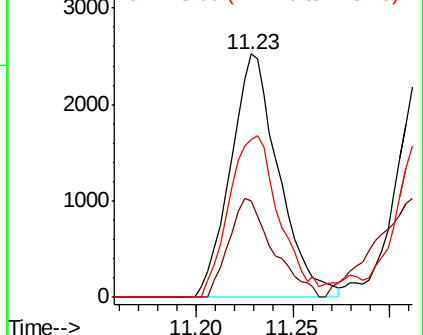
148 65.0 44.7 83.1



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 0.280 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

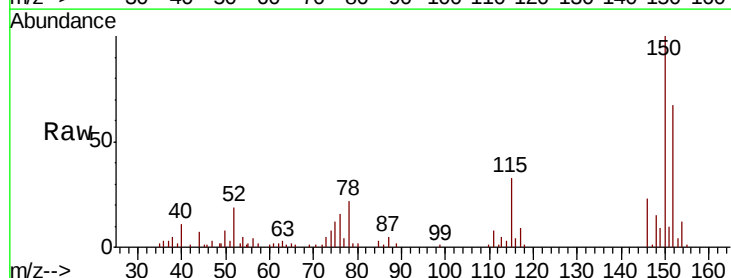
Tgt Ion:146 Resp: 5337

Ion Ratio Lower Upper

146 100

111 34.9 25.7 47.7

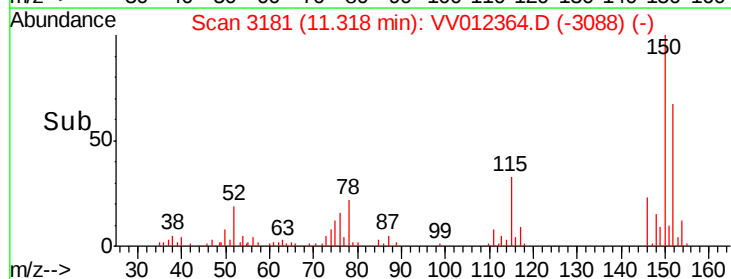
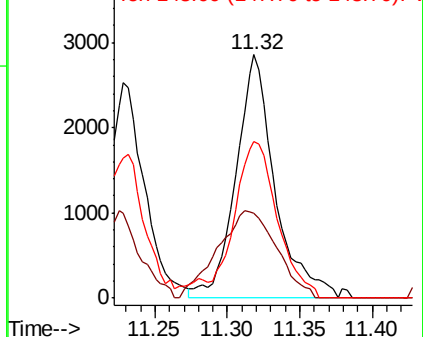
148 64.5 45.0 83.6

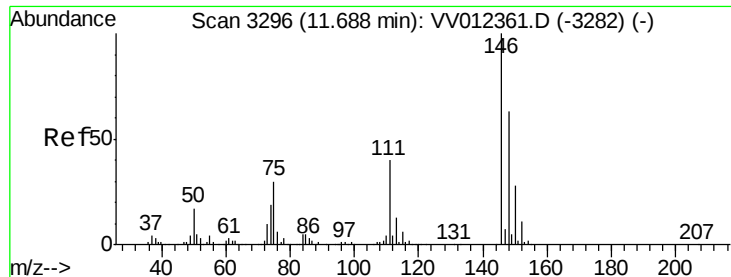


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

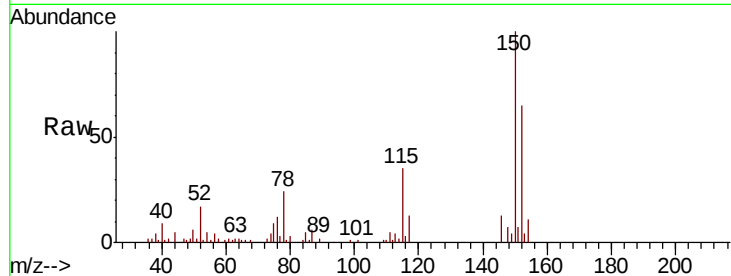




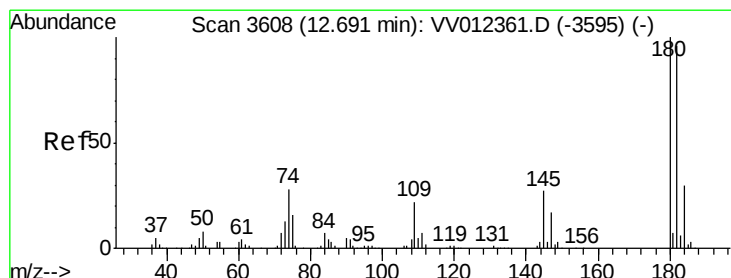
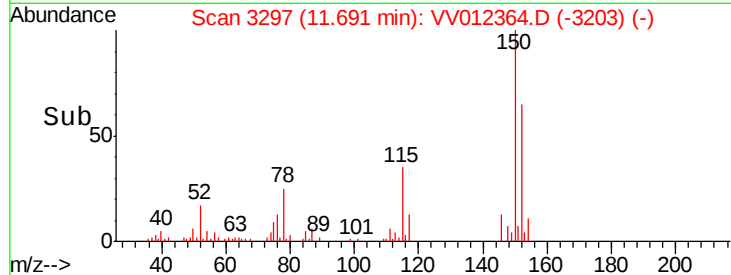
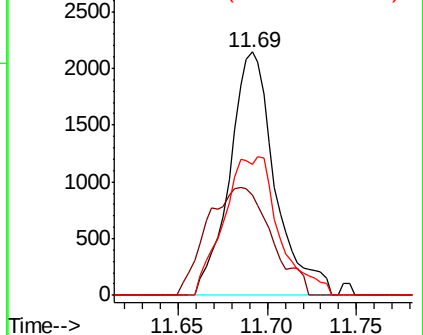
#65
 1,2-Dichlorobenzene
 Concen: 0.217 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Tgt Ion:146 Resp: 3795
 Ion Ratio Lower Upper
 146 100
 111 41.4 31.9 47.9
 148 53.7 50.2 75.4

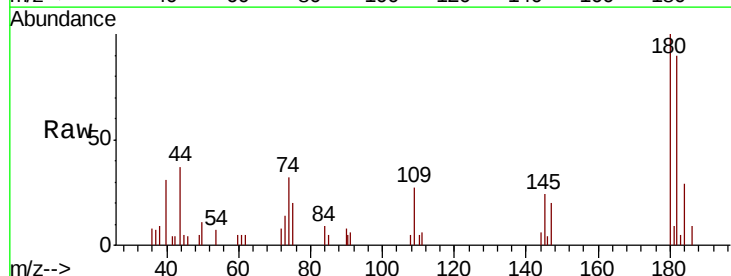


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

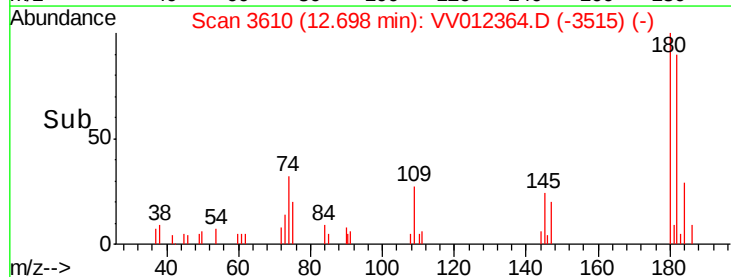
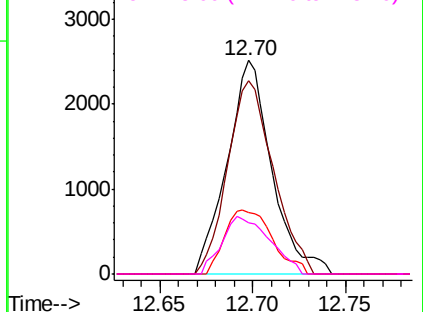


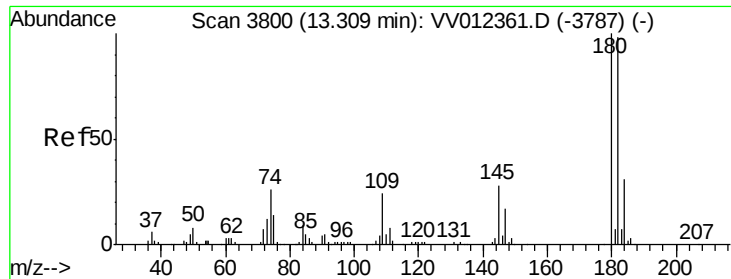
#67
 1,3,5-Trichlorobenzene
 Concen: 0.287 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Tgt Ion:180 Resp: 4187
 Ion Ratio Lower Upper
 180 100
 182 93.1 76.4 114.6
 184 31.9 23.9 35.9
 145 29.1 22.1 33.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V





#68

1,2,4-trichlorobenzene

Concen: 0.333 ug/L

RT: 13.32 min Scan# 3802

Delta R.T. 0.01 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

Instrument :

MSVOA_V

ClientSampled :

VBLK68

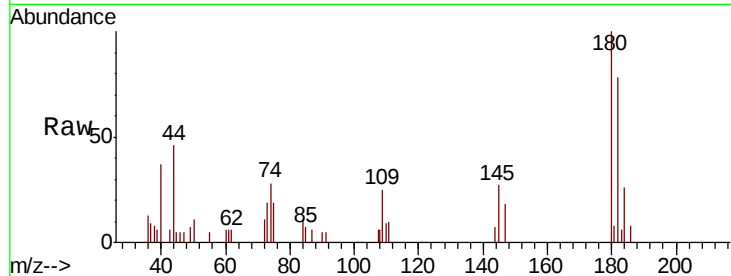
Tgt Ion:180 Resp: 3382

Ion Ratio Lower Upper

180 100

182 88.2 77.3 115.9

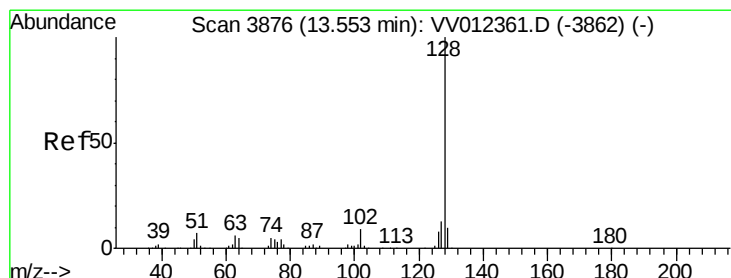
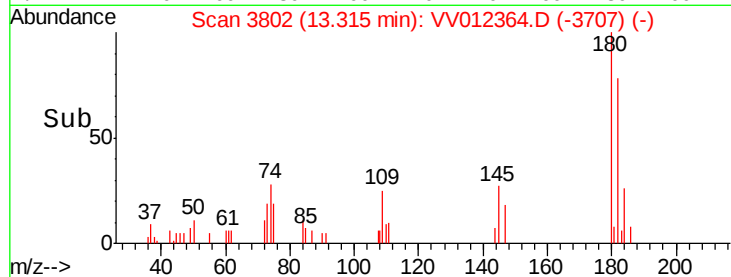
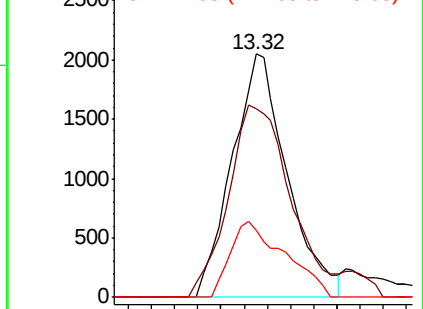
145 31.0 22.6 34.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#69

Naphthalene

Concen: 0.531 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV012364.D

Acq: 23 Aug 2019 14:35

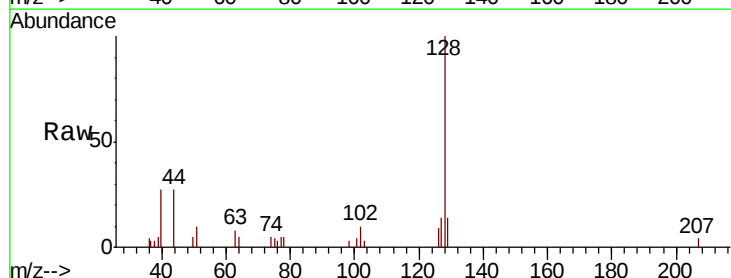
Tgt Ion:128 Resp: 7465

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

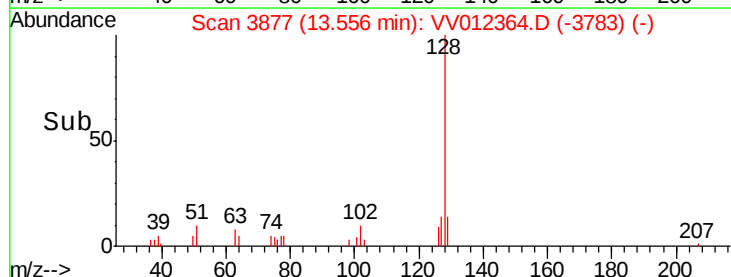
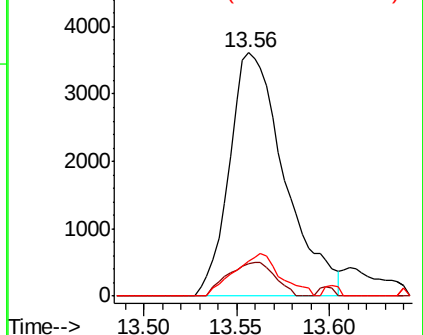
127 14.5 10.5 15.7

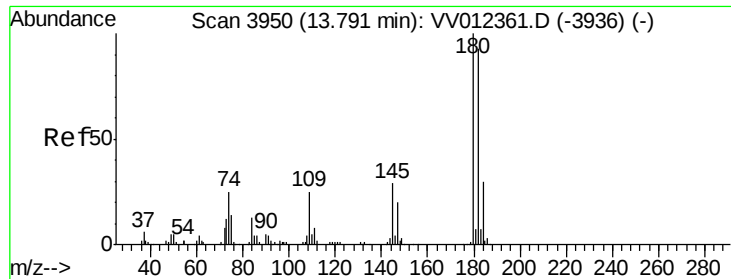


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.384 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.01 min
 Lab File: VV012364.D
 Acq: 23 Aug 2019 14:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Tgt Ion:180 Resp: 3659
 Ion Ratio Lower Upper
 180 100
 182 106.4 75.1 112.7
 145 30.4 23.4 35.2

