

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017223.D
 Acq On : 27 Jun 2020 08:31
 Operator : SY/MD
 Sample : BLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

Quant Time: Jun 29 00:12:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	91	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	1264	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186	289.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	579.34%#
7) Chloroethane-d5	1.58	69	228	591.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	1183.52%#
11) 1,1-Dichloroethene-d2	2.13	63	641	594.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1188.96%#
21) 2-Butanone-d5	4.02	46	86	180.96	ug/L	0.11
Spiked Amount	100.000	Range	40 - 130	Recovery	=	180.96%#
24) Chloroform-d	4.37	84	273	209.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	418.18%#
26) 1,2-Dichloroethane-d4	5.07	65	193	217.32	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	434.64%#
32) Benzene-d6	5.08	84	167	20.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	40.38%#
36) 1,2-Dichloropropane-d6	6.12	67	40	15.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 120	Recovery	=	31.02%#
41) Toluene-d8	7.34	98	184	24.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	48.48%#
43) trans-1,3-Dichloropropene-	7.66	79	83	61.80	ug/L	0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.60%
47) 2-Hexanone-d5	8.35	63	51	45.36	ug/L	0.24
Spiked Amount	100.000	Range	45 - 130	Recovery	=	45.36%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	216	63.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.54%#
64) 1,2-Dichlorobenzene-d4	11.65	152	1047	38.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.62%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.30	85	43	59.601	ug/L # 43
3) Chloromethane	1.31	50	158	239.476	ug/L 90
5) Vinyl chloride	1.44	62	41	63.192	ug/L # 43
6) Bromomethane	1.53	94	275	1017.683	ug/L 94
8) Chloroethane	1.60	64	77	240.256	ug/L # 42
9) Trichlorofluoromethane	1.43	101	42	43.258	ug/L # 1
10) 1,1,2-Trichloro-1,2,2-trif	2.40	101	64	132.281	ug/L # 32
12) 1,1-Dichloroethene	2.17	96	43	95.205	ug/L # 13
13) Acetone	2.19	43	429	1370.027	ug/L 94
14) Carbon disulfide	2.32	76	66	40.360	ug/L # 75
15) Methyl Acetate	2.46	43	108	154.743	ug/L # 53
16) Methylene chloride	2.53	84	831	1253.847	ug/L 77
18) Methyl tert-butyl Ether	2.78	73	43	21.073	ug/L # 1
19) 1,1-Dichloroethane	3.25	63	65	56.075	ug/L # 49
20) cis-1,2-Dichloroethene	3.85	96	42	62.560	ug/L 90
22) 2-Butanone	3.94	43	233	482.526	ug/L 89
25) Chloroform	4.39	83	42	35.256	ug/L # 19

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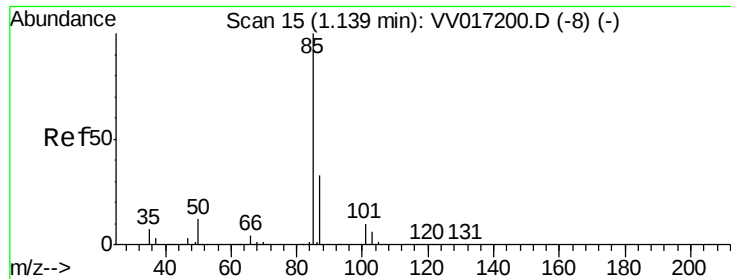
Quant Time: Jun 29 00:12:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.19	62	112	112.154	ug/L #	74
29) Cyclohexane	4.70	56	173	48.508	ug/L #	21
30) 1,1,1-Trichloroethane	4.81	97	22	6.011	ug/L #	1
33) Benzene	5.14	78	74	8.715	ug/L	100
34) Trichloroethene	5.96	95	103	45.227	ug/L #	4
37) 1,2-Dichloropropane	6.23	63	44	19.925	ug/L #	86
38) Bromodichloromethane	6.59	83	42	14.287	ug/L #	26
39) cis-1,3-Dichloropropene	7.09	75	128	37.315	ug/L #	18
40) 4-Methyl-2-pentanone	7.25	43	78	24.927	ug/L #	45
42) Toluene	7.41	91	42	4.692	ug/L #	22
44) trans-1,3-Dichloropropene	7.67	75	41	12.294	ug/L #	44
46) Tetrachloroethene	8.08	164	42	23.449	ug/L #	1
48) 2-Hexanone	8.14	43	150	61.824	ug/L #	38
51) Chlorobenzene	9.03	112	45	7.705	ug/L #	28
52) Ethylbenzene	9.16	91	75	7.564	ug/L #	45
55) Styrene	9.61	104	40	6.498	ug/L #	30
56) Isopropylbenzene	9.96	105	47	4.804	ug/L #	1
59) 1,2,3-Trichloropropane	10.26	75	42	15.329	ug/L #	1
62) 1,3-Dichlorobenzene	11.47	146	41	1.024	ug/L #	25
63) 1,4-Dichlorobenzene	11.47	146	41	1.007	ug/L #	26
65) 1,2-Dichlorobenzene	11.47	146	41	1.022	ug/L #	25
69) Naphthalene	13.72	128	102	1.295	ug/L #	43

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

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#2

Dichlorodifluoromethane

Concen: 59.601 ug/L

RT: 1.30 min Scan# 65

Delta R.T. 0.16 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleId :

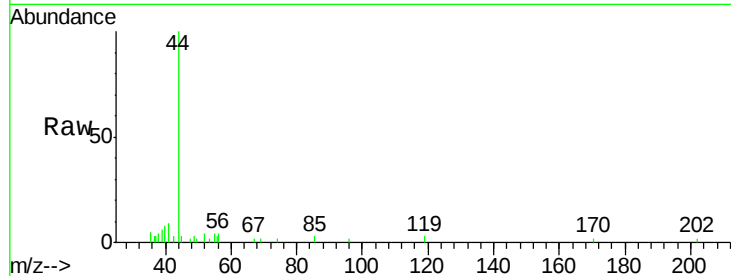
VBLK61

Tot Ion: 85 Resp: 43

Ion Ratio Lower Upper

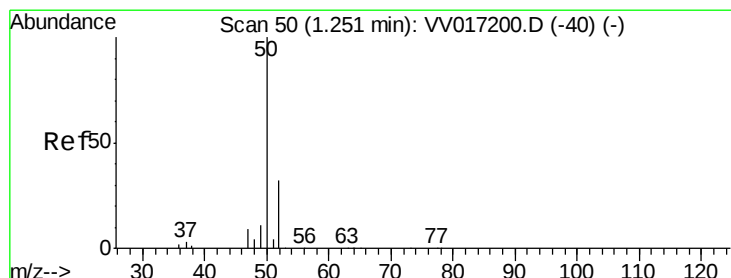
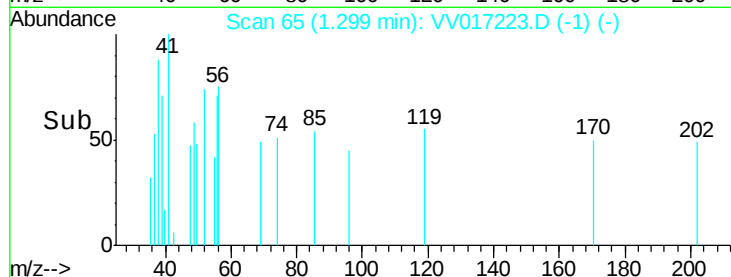
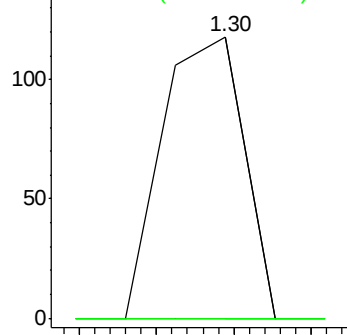
85 100

87 0.0 25.6 38.4#



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 239.476 ug/L

RT: 1.31 min Scan# 67

Delta R.T. 0.05 min

Lab File: VV017223.D

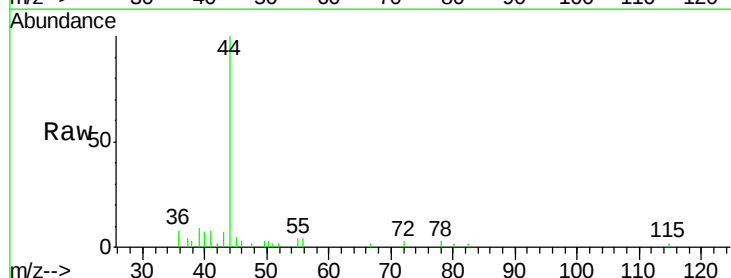
Acq: 27 Jun 2020 08:31

Tgt Ion: 50 Resp: 158

Ion Ratio Lower Upper

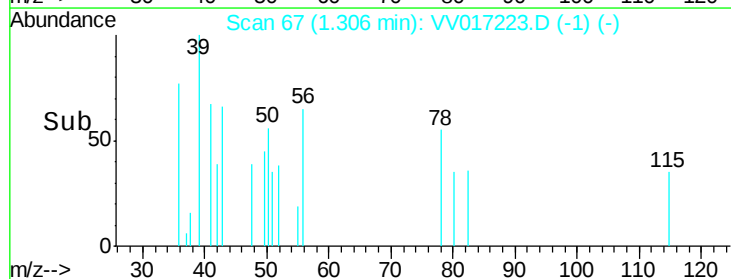
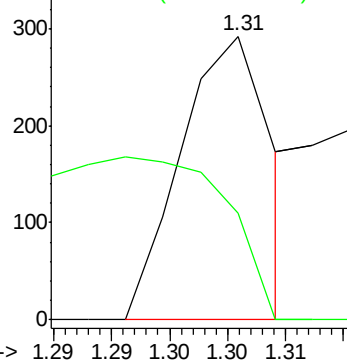
50 100

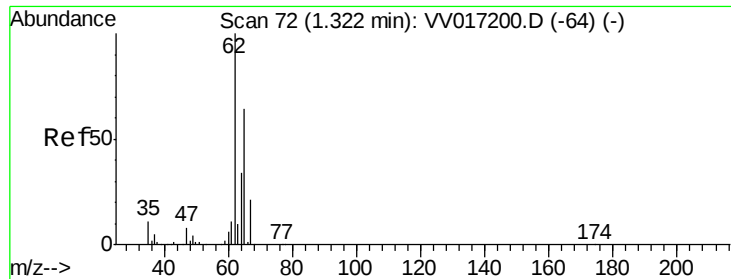
52 37.7 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 63.192 ug/L

RT: 1.44 min Scan# 108

Delta R.T. 0.12 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleId :

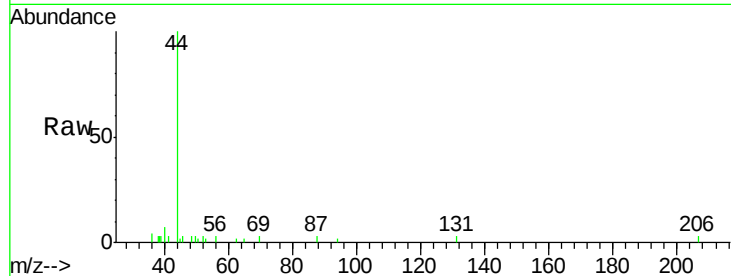
VBLK61

Tot Ion: 62 Resp: 41

Ion Ratio Lower Upper

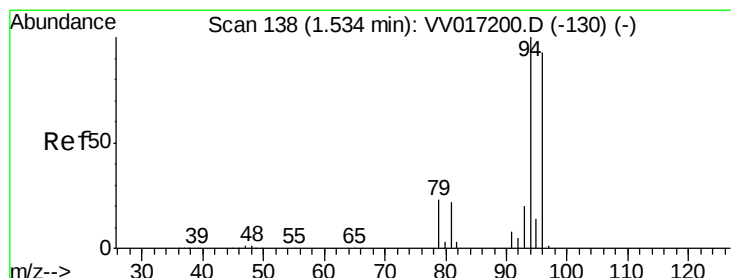
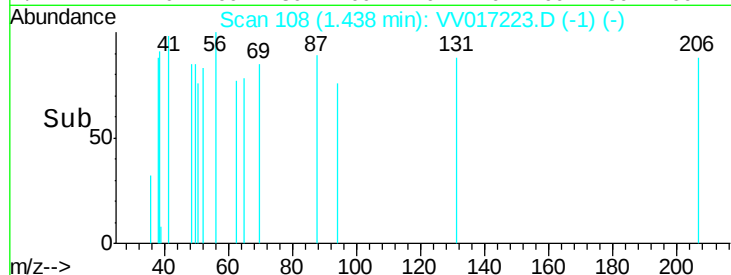
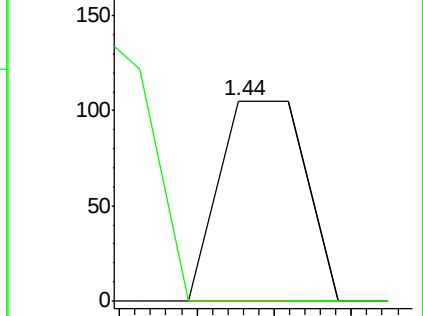
62 100

64 0.0 22.3 41.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 1017.683 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV017223.D

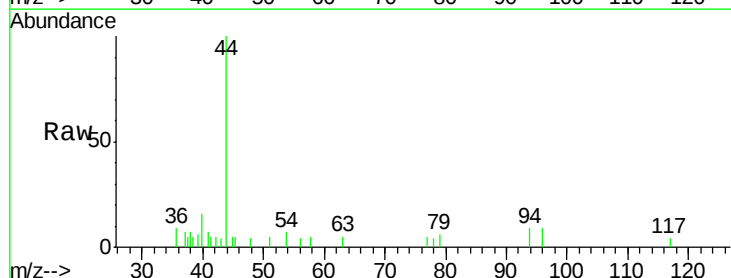
Acq: 27 Jun 2020 08:31

Tgt Ion: 94 Resp: 275

Ion Ratio Lower Upper

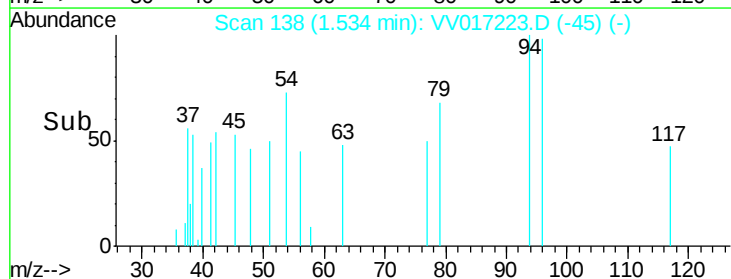
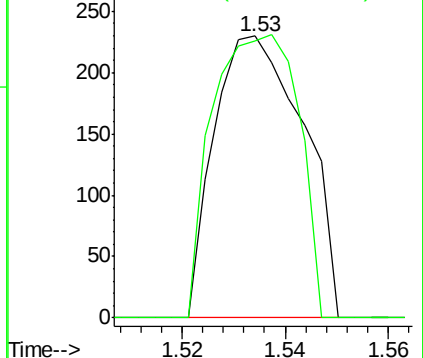
94 100

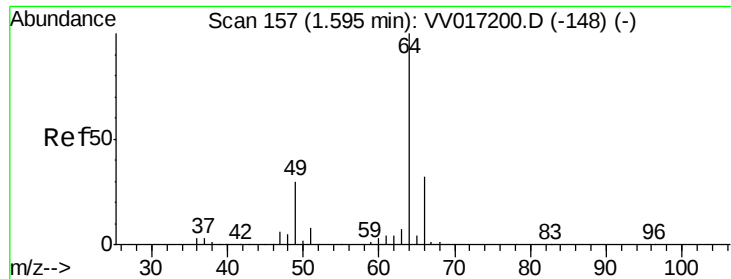
96 98.3 64.5 119.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 240.256 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleID :

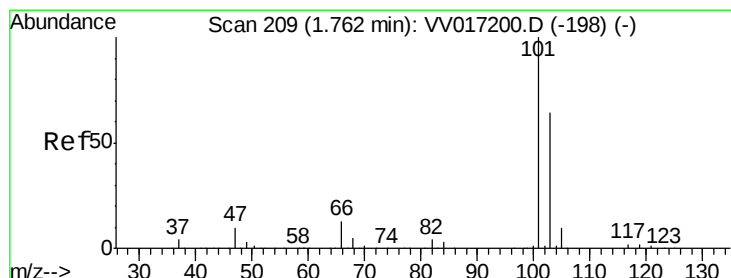
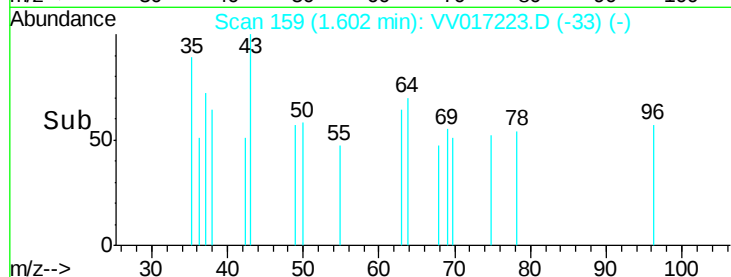
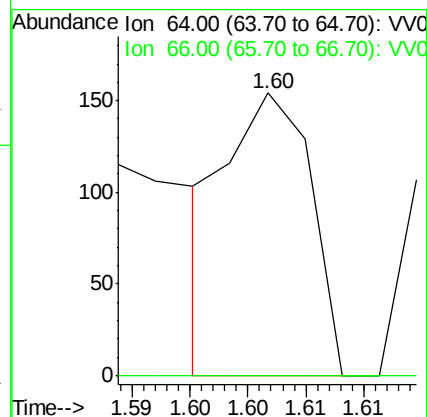
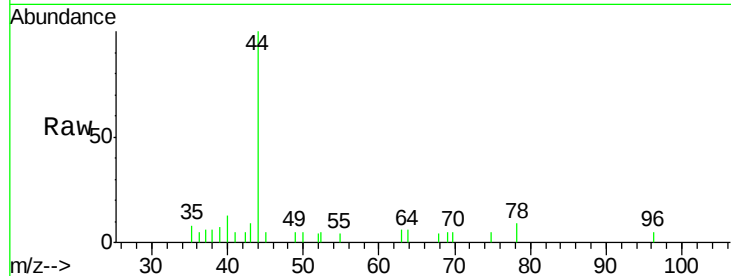
VBLK61

Tot Ion: 64 Resp: 77

Ion Ratio Lower Upper

64 100

66 0.0 23.2 43.0#



#9

Trichlorofluoromethane

Concen: 43.258 ug/L

RT: 1.43 min Scan# 107

Delta R.T. -0.33 min

Lab File: VV017223.D

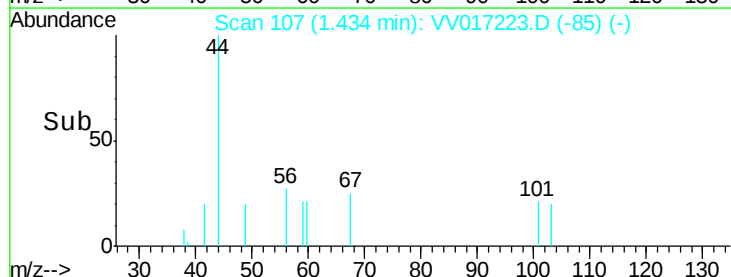
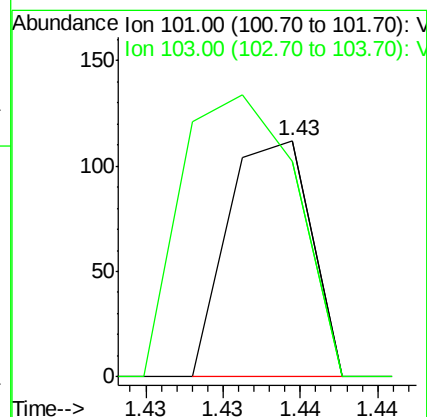
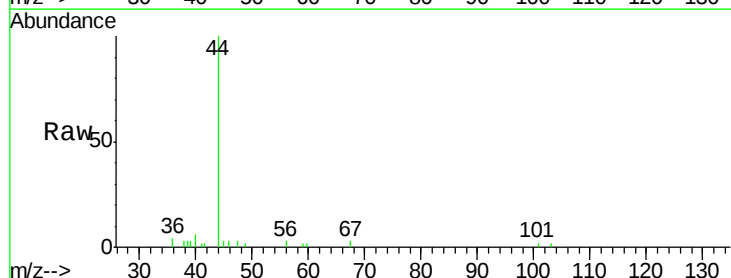
Acq: 27 Jun 2020 08:31

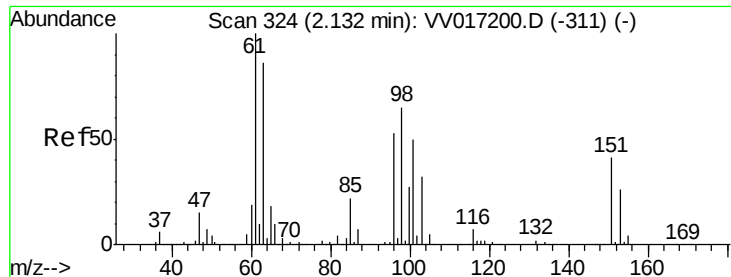
Tgt Ion: 101 Resp: 42

Ion Ratio Lower Upper

101 100

103 164.3 51.3 76.9#





#10

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

Concen: 132.281 ug/L

RT: 2.40 min Scan# 406

Delta R.T. 0.26 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

VBLK61

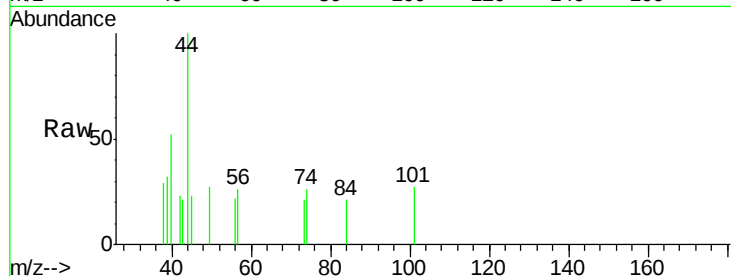
Tot Ion:101 Resp: 64

Ion Ratio Lower Upper

101 100

85 62.5 35.5 53.3#

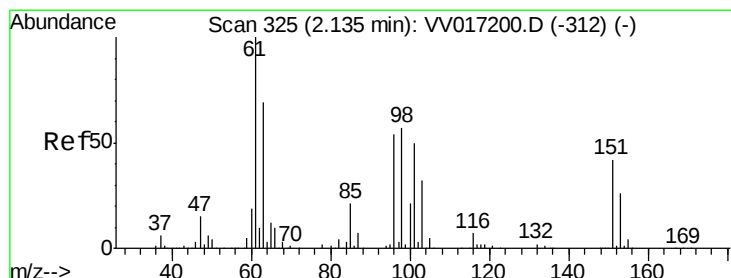
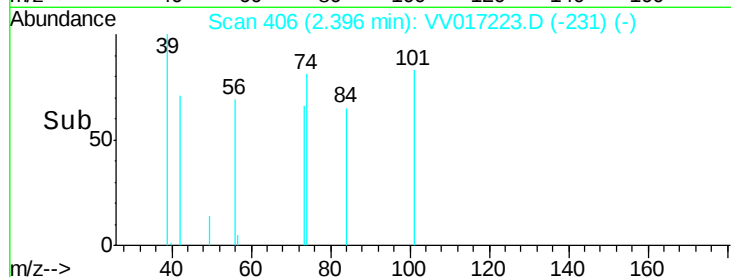
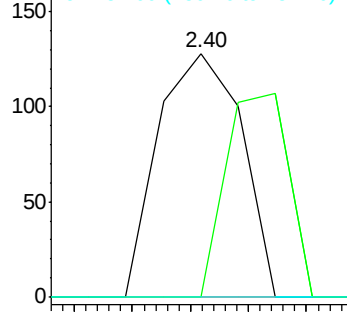
151 0.0 63.9 95.9#



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: 95.205 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.04 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

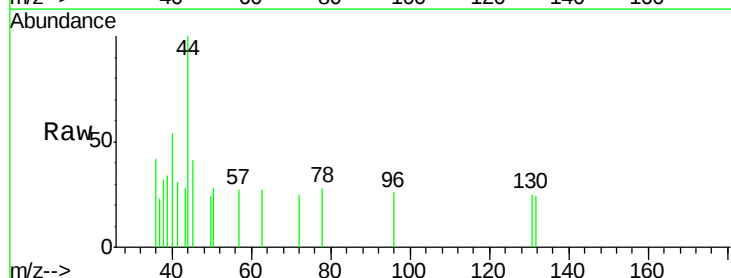
Tgt Ion: 96 Resp: 43

Ion Ratio Lower Upper

96 100

61 0.0 130.4 242.2#

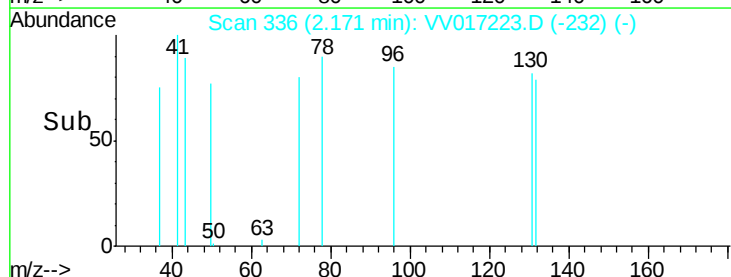
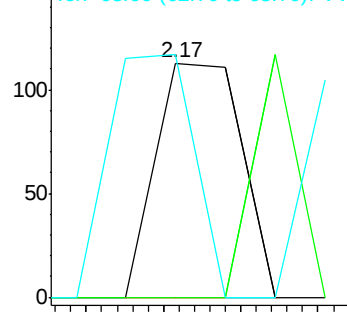
63 103.5 103.3 191.9

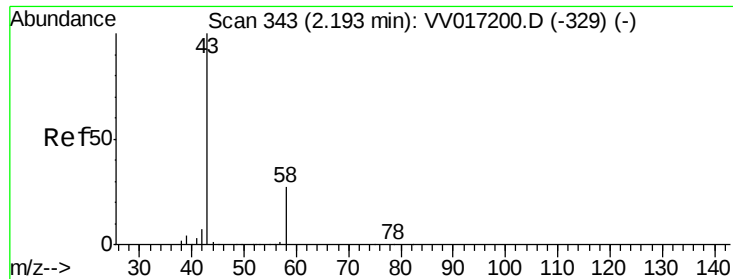


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1370.027 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

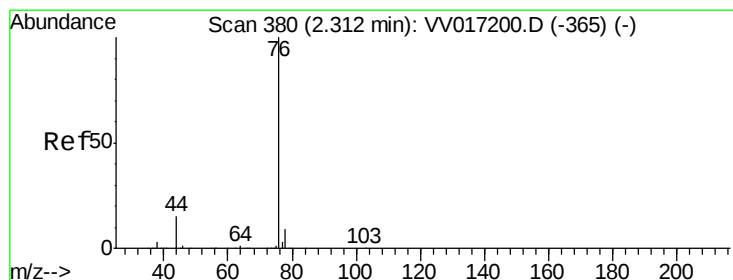
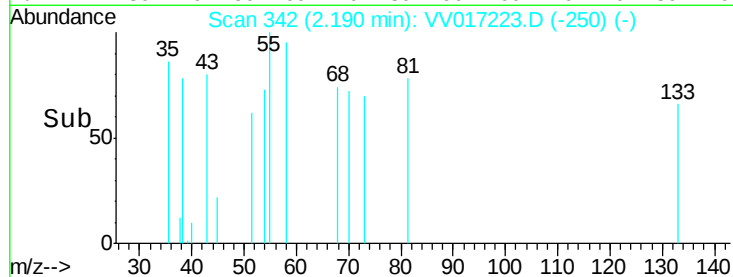
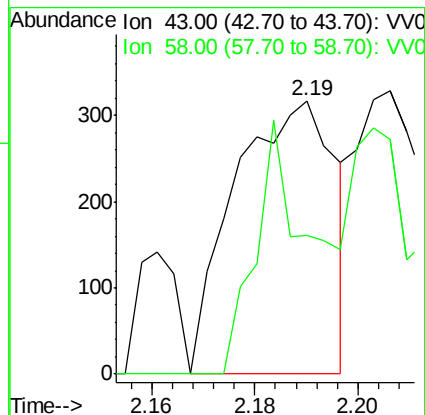
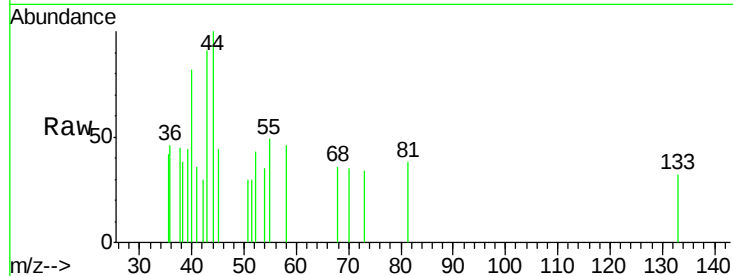
VBLK61

Tot Ion: 43 Resp: 429

Ion Ratio Lower Upper

43 100

58 30.8 0.0 55.2



#14

Carbon disulfide

Concen: 40.360 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV017223.D

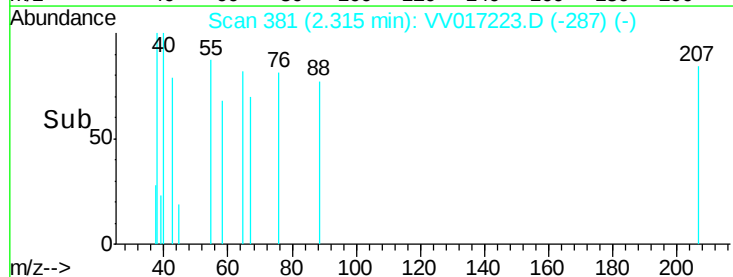
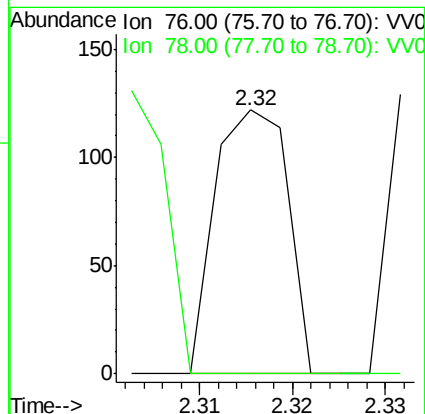
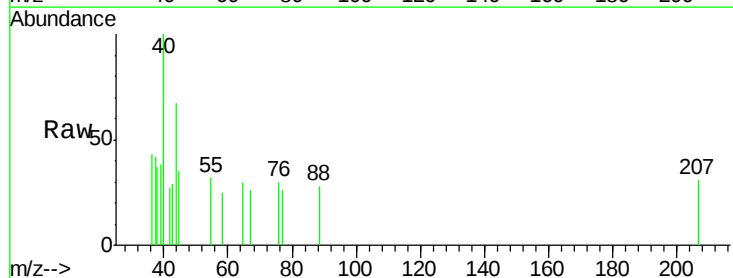
Acq: 27 Jun 2020 08:31

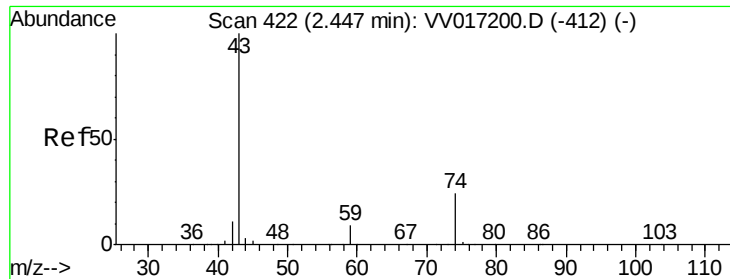
Tgt Ion: 76 Resp: 66

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

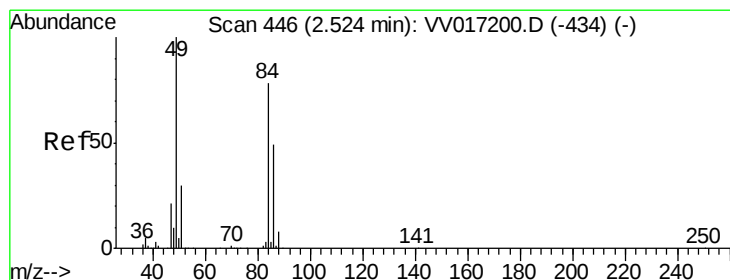
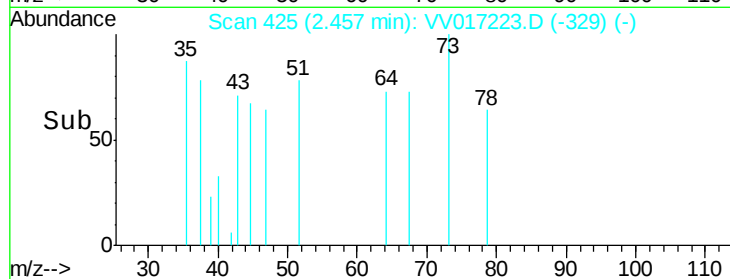
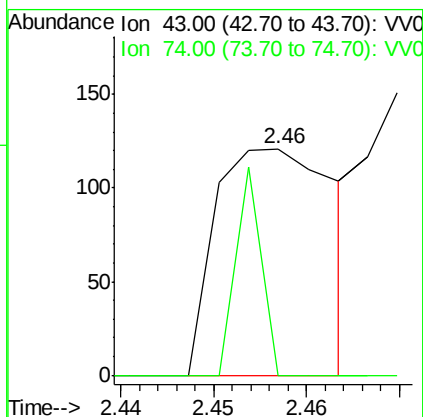
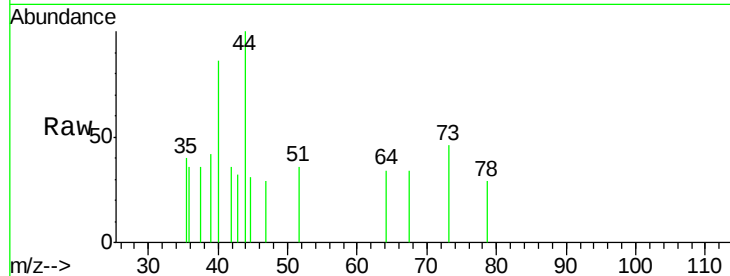




#15
Methyl Acetate
Concen: 154.743 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

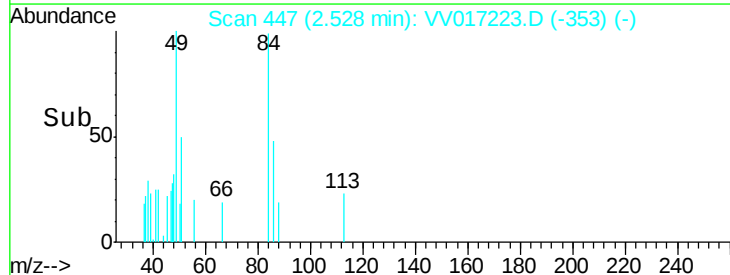
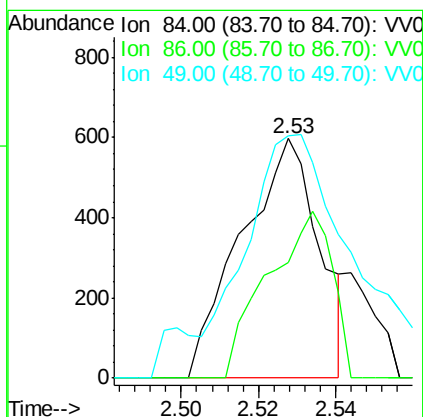
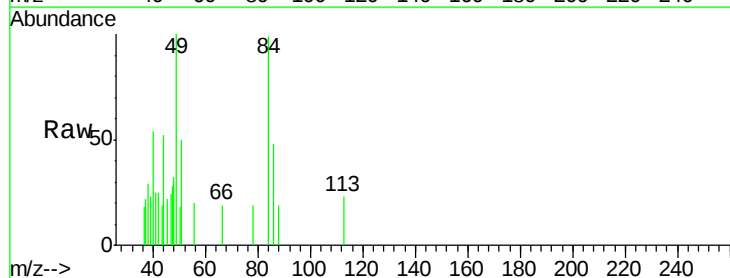
Instrument :
MSVOA_V
ClientSampled :
VBLK61

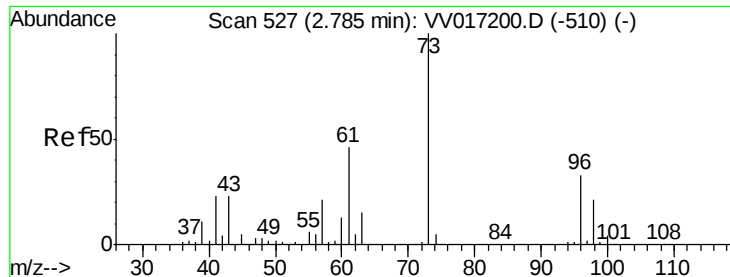
Tot Ion: 43 Resp: 108
Ion Ratio Lower Upper
43 100
74 0.0 17.9 26.9#



#16
Methylene chloride
Concen: 1253.847 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Tgt Ion: 84 Resp: 831
Ion Ratio Lower Upper
84 100
86 48.4 44.0 81.8
49 101.2 90.9 168.9

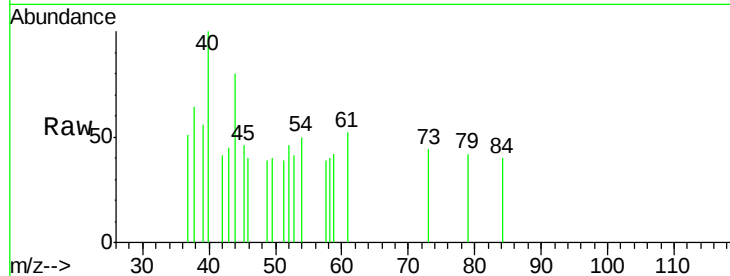




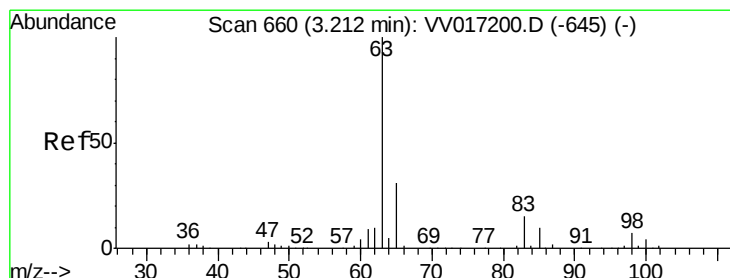
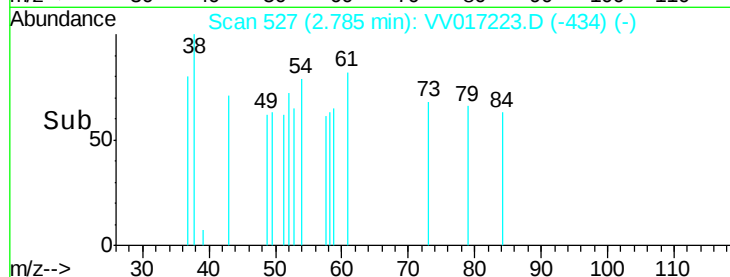
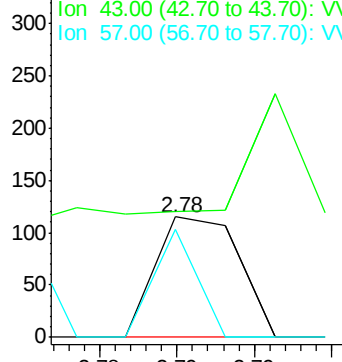
#18
Methvl tert-butvl Ether
Concen: 21.073 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Instrument :
MSVOA_V
ClientSampled :
VBLK61

Tot Ion: 73 Resp: 43
Ion Ratio Lower Upper
73 100
43 262.8 17.8 26.6#
57 0.0 17.7 26.5#

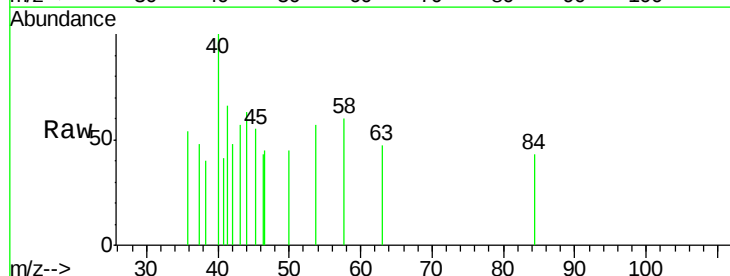


Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

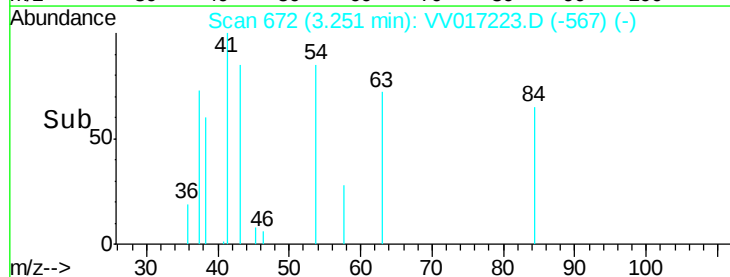
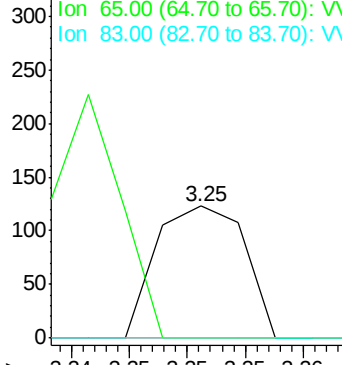


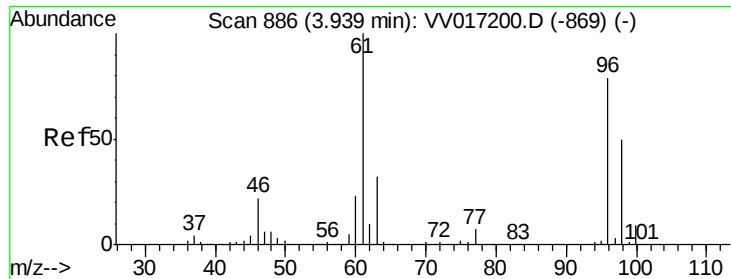
#19
1,1-Dichloroethane
Concen: 56.075 ug/L
RT: 3.25 min Scan# 672
Delta R.T. 0.04 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Tgt Ion: 63 Resp: 65
Ion Ratio Lower Upper
63 100
65 0.0 23.2 43.0#
83 0.0 10.0 18.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0

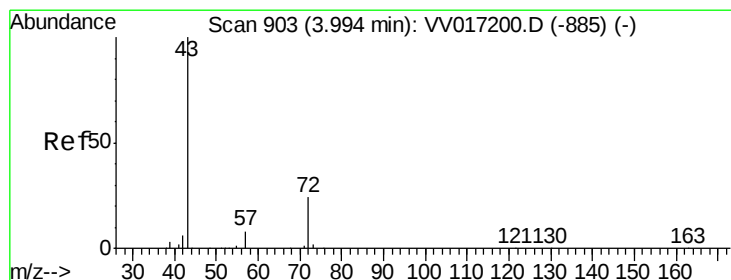
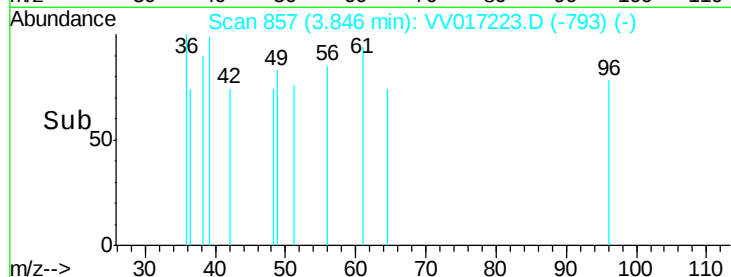
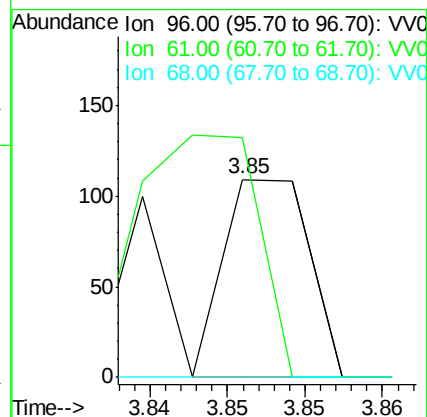
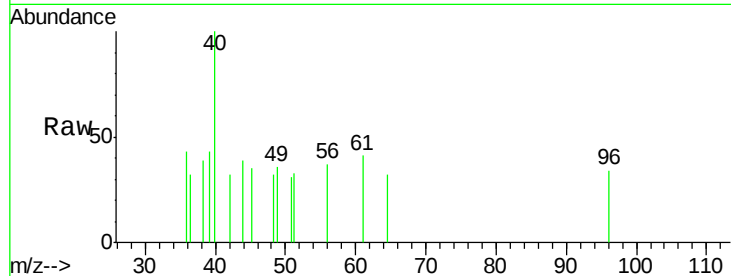




#20
 cis-1,2-Dichloroethene
 Concen: 62.560 ug/L
 RT: 3.85 min Scan# 857
 Delta R.T. -0.09 min
 Lab File: VV017223.D
 Acq: 27 Jun 2020 08:31

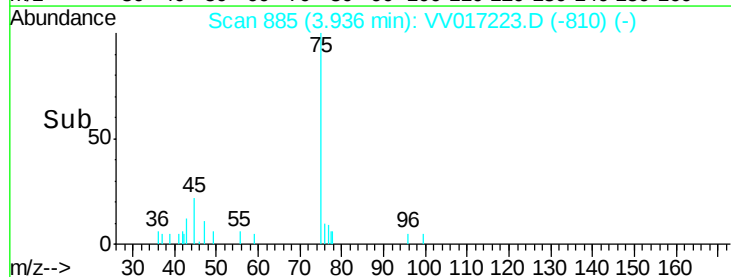
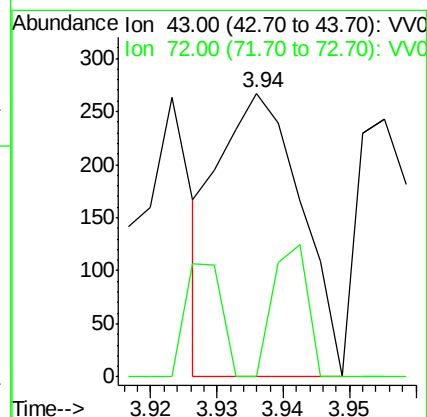
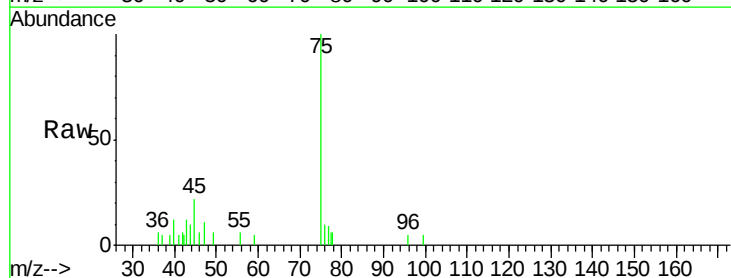
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

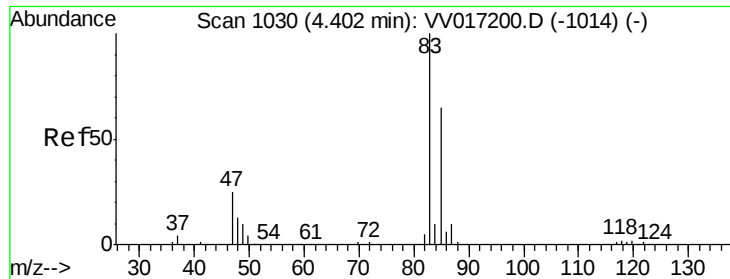
Tot Ion: 96 Resp: 42
 Ion Ratio Lower Upper
 96 100
 61 121.1 93.4 173.4
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 482.526 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.06 min
 Lab File: VV017223.D
 Acq: 27 Jun 2020 08:31

Tgt Ion: 43 Resp: 233
 Ion Ratio Lower Upper
 43 100
 72 19.3 12.4 37.4

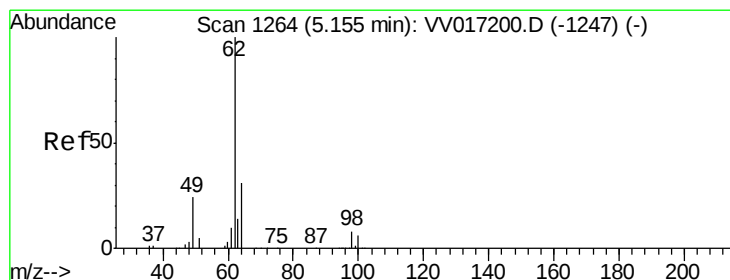
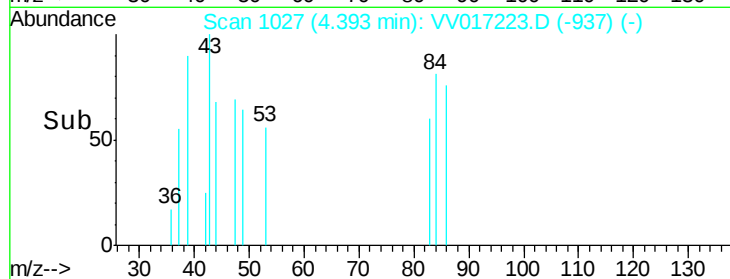
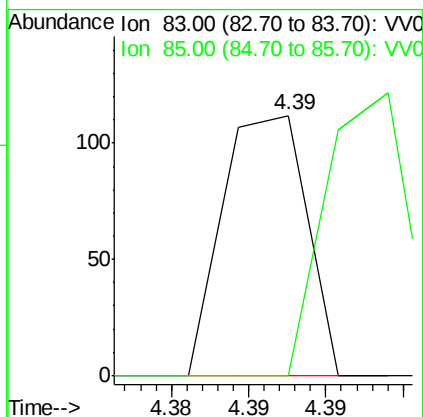
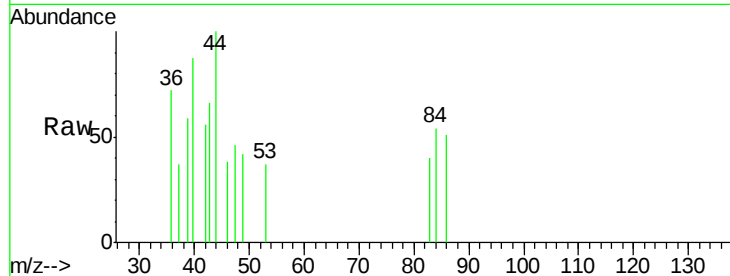




#25
Chloroform
Concen: 35.256 ug/L
RT: 4.39 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

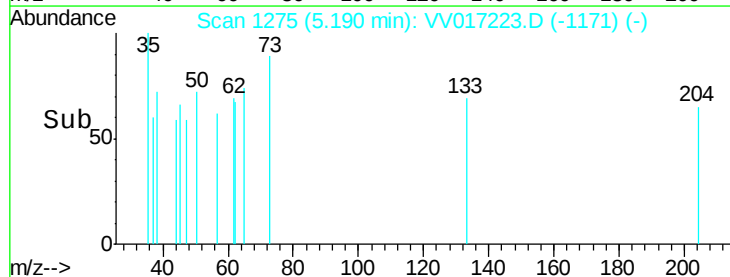
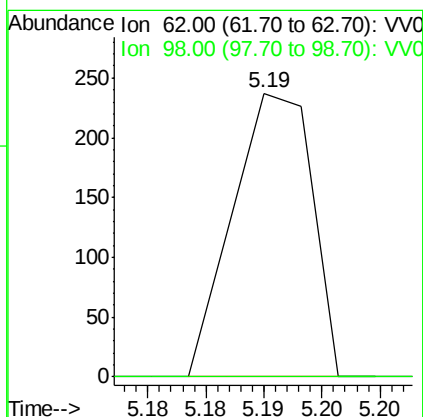
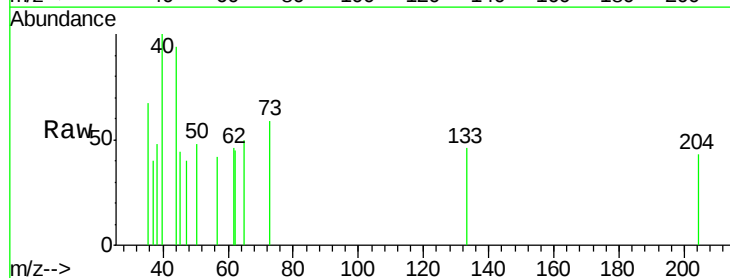
Instrument :
MSVOA_V
ClientSampled :
VBLK61

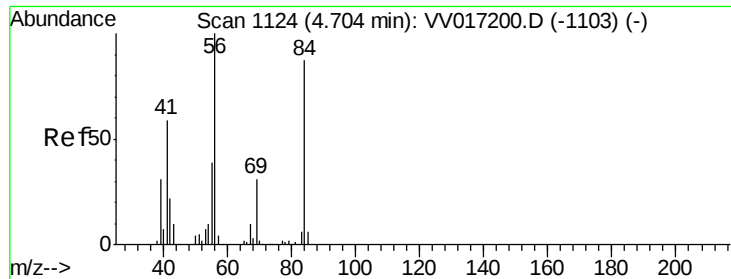
Tot Ion: 83 Resp: 42
Ion Ratio Lower Upper
83 100
85 0.0 44.1 81.9#



#27
1,2-Dichloroethane
Concen: 112.154 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.04 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Tgt Ion: 62 Resp: 112
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.2#

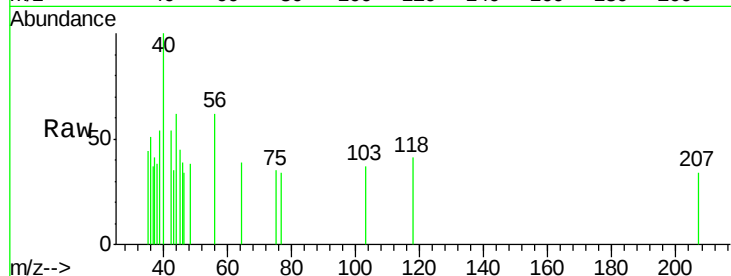




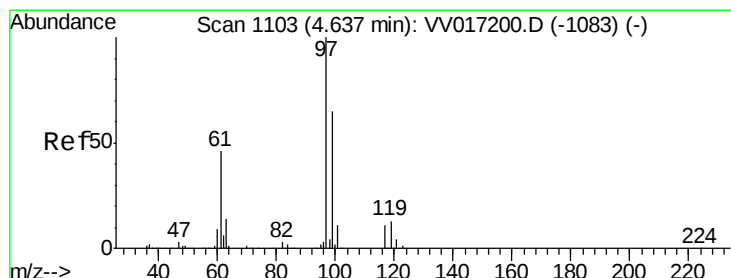
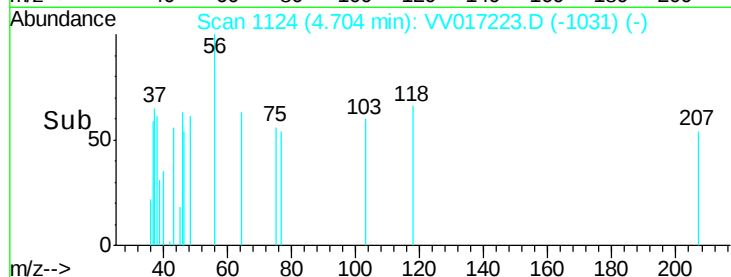
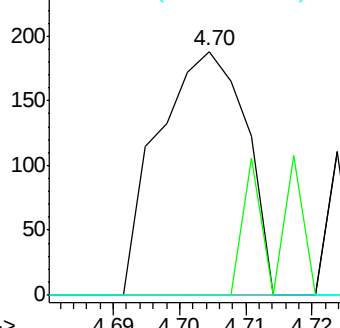
#29
Cvclohexane
Concen: 48.508 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Instrument :
MSVOA_V
ClientSampled :
VBLK61

Tot Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
69 11.6 25.0 37.4#
84 0.0 69.5 104.3#

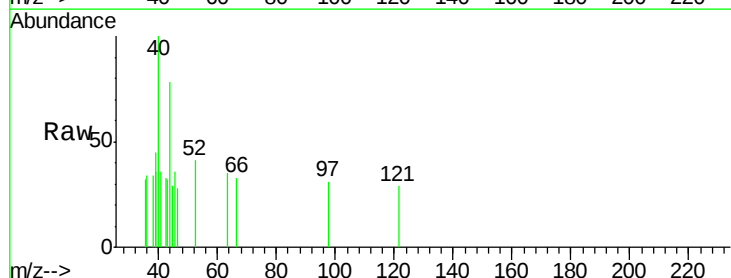


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

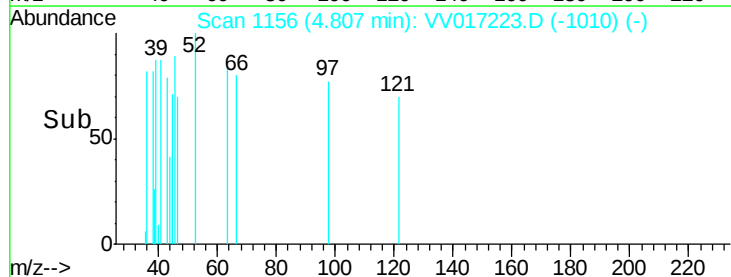
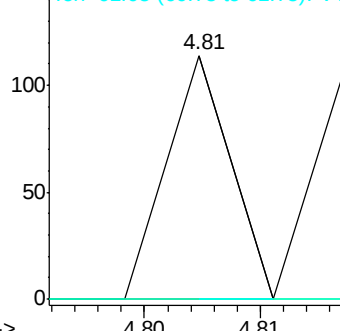


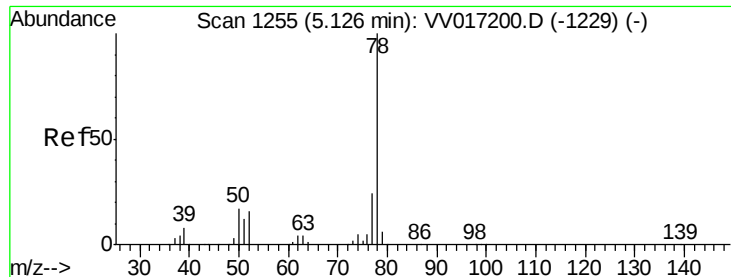
#30
1,1,1-Trichloroethane
Concen: 6.011 ug/L
RT: 4.81 min Scan# 1156
Delta R.T. 0.17 min
Lab File: VV017223.D
Acq: 27 Jun 2020 08:31

Tgt Ion: 97 Resp: 22
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 250.0 36.7 55.1#



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#33

Benzene

Concen: 8.715 ug/L

RT: 5.14 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

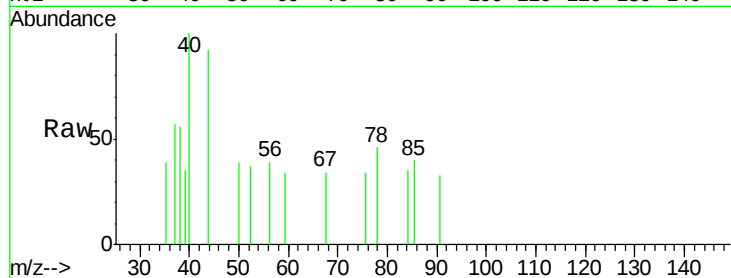
Instrument :

MSVOA_V

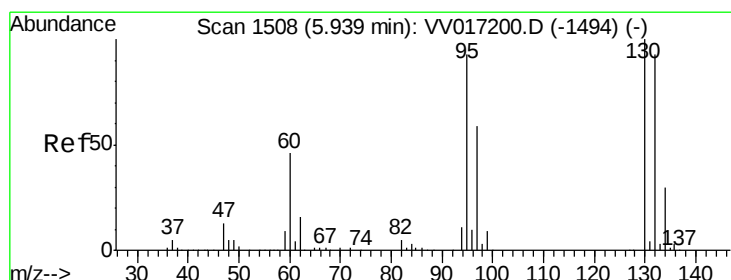
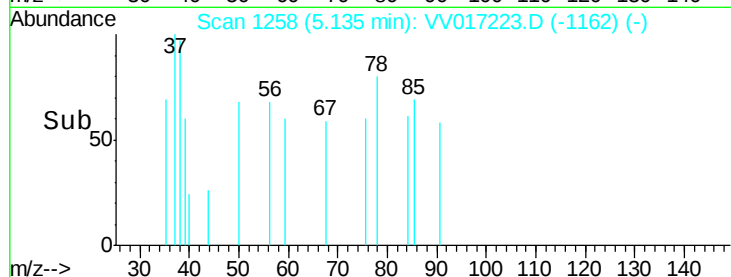
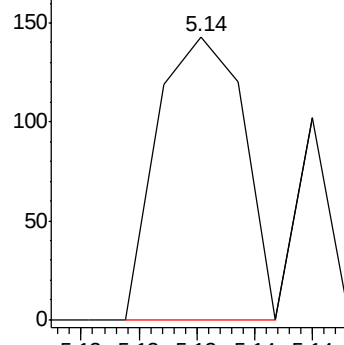
ClientSampleId :

VBLK61

Tgt Ion: 78 Resp: 74



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 45.227 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.02 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Tgt Ion: 95 Resp: 103

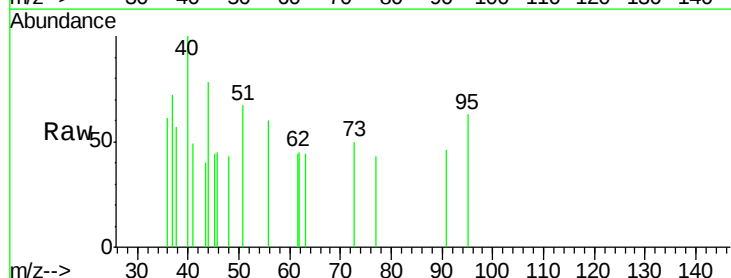
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 67.9 126.1#

130 0.0 72.2 134.2#

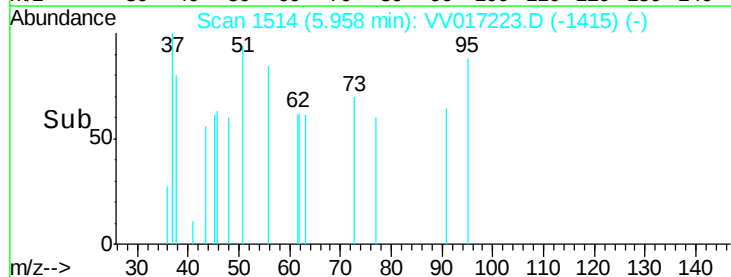
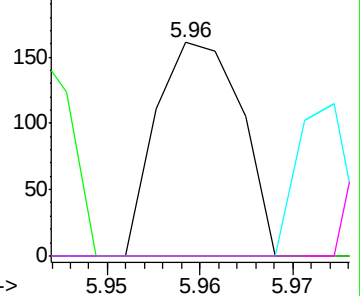


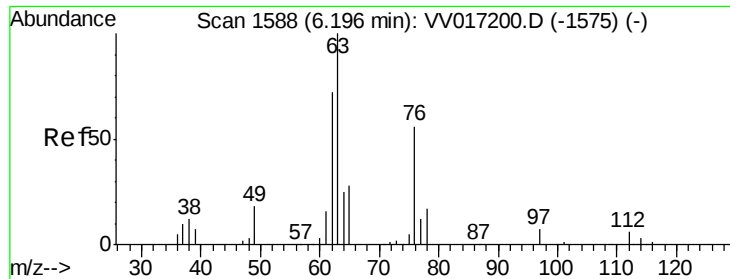
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#37

1,2-Dichloropropane

Concen: 19.925 ug/L

RT: 6.23 min Scan# 1597

Delta R.T. 0.03 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

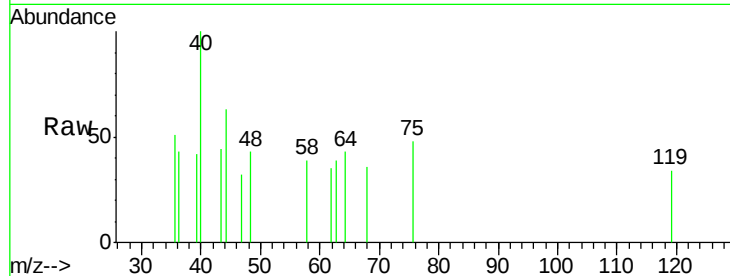
VBLK61

Tot Ion: 63 Resp: 44

Ion Ratio Lower Upper

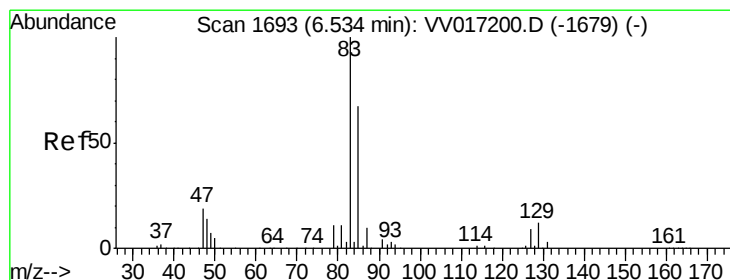
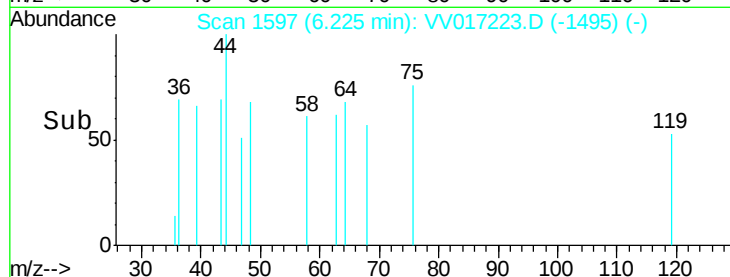
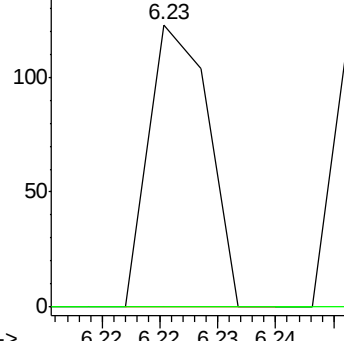
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 14.287 ug/L

RT: 6.59 min Scan# 1710

Delta R.T. 0.05 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

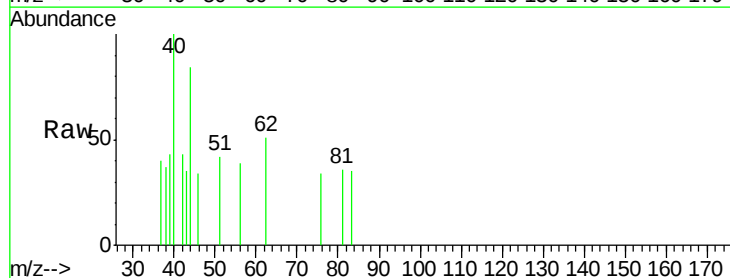
Tgt Ion: 83 Resp: 42

Ion Ratio Lower Upper

83 100

85 0.0 44.4 82.5#

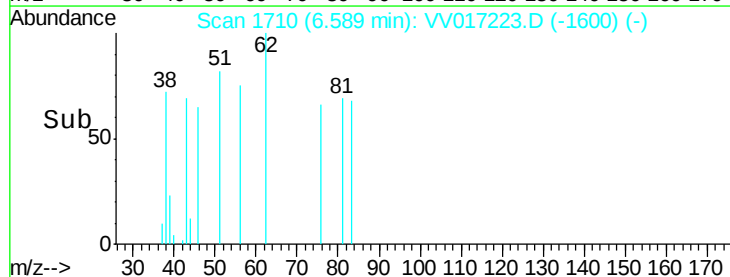
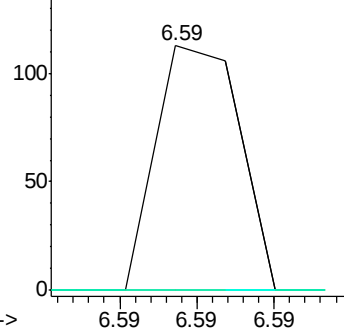
127 0.0 7.4 11.0#

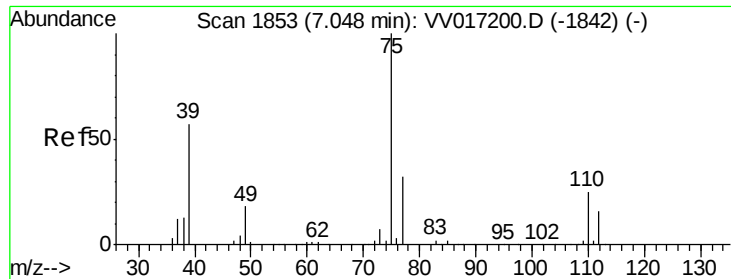


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

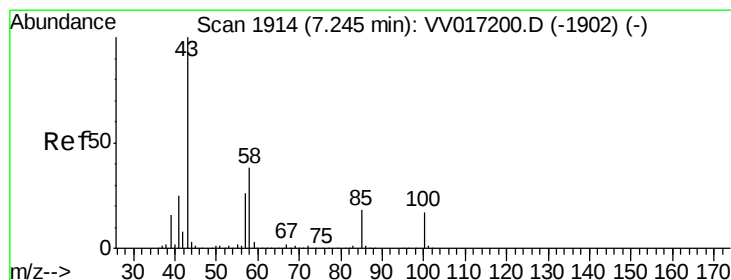
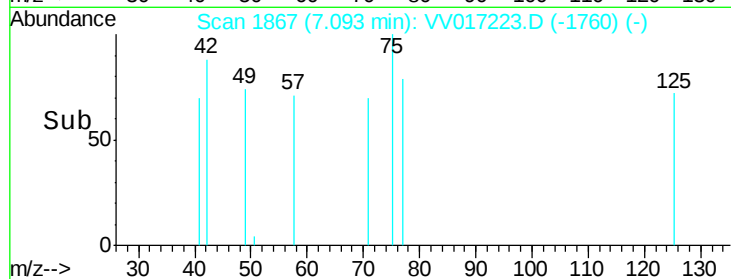
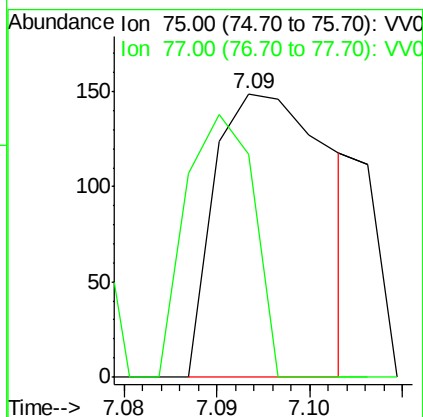
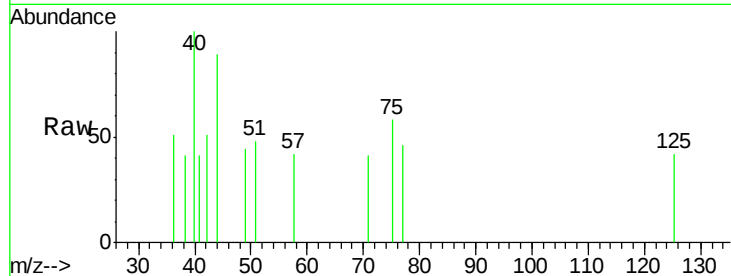




#39
 cis-1,3-Dichloropropene
 Concen: 37.315 ug/L
 RT: 7.09 min Scan# 1867
 Delta R.T. 0.05 min
 Lab File: VV017223.D
 Acq: 27 Jun 2020 08:31

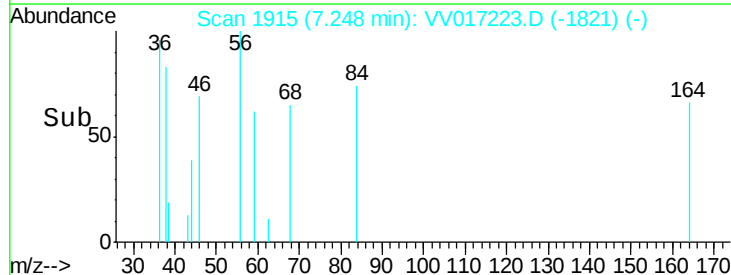
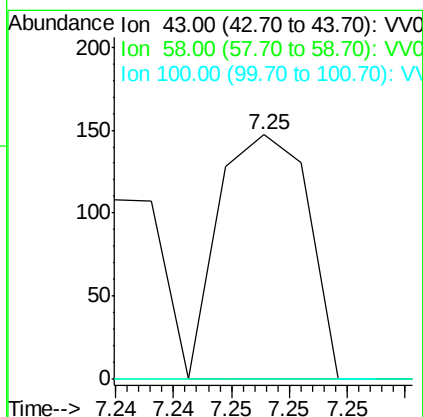
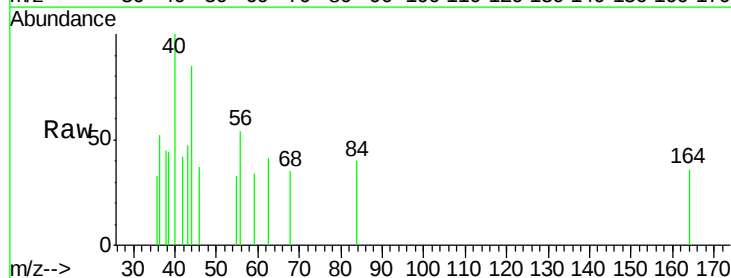
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK61

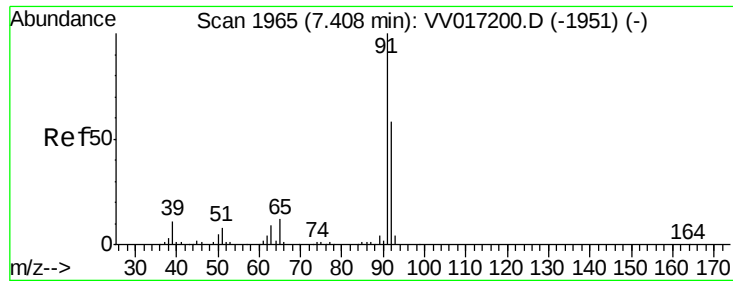
Tot Ion: 75 Resp: 128
 Ion Ratio Lower Upper
 75 100
 77 78.5 22.7 42.1#



#40
 4-Methyl-2-pentanone
 Concen: 24.927 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV017223.D
 Acq: 27 Jun 2020 08:31

Tgt Ion: 43 Resp: 78
 Ion Ratio Lower Upper
 43 100
 58 0.0 30.2 45.4#
 100 0.0 12.3 18.5#





#42

Toluene

Concen: 4.692 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

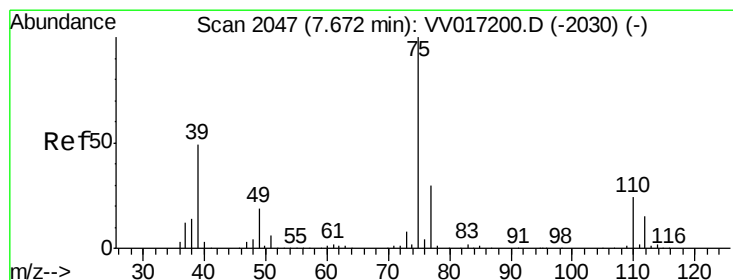
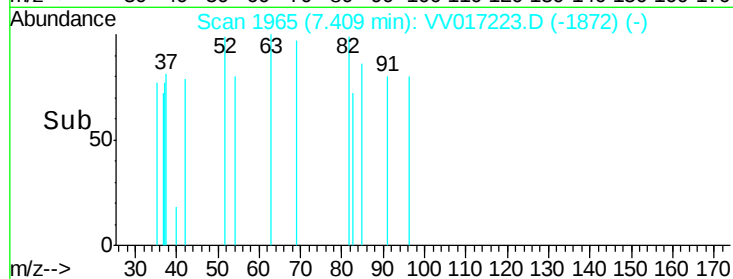
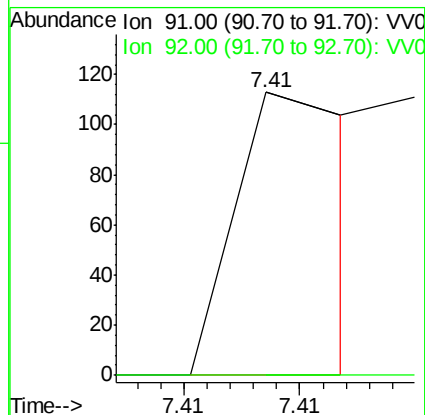
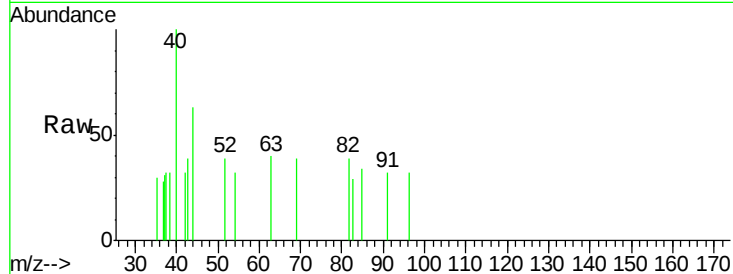
VBLK61

Tot Ion: 91 Resp: 42

Ion Ratio Lower Upper

91 100

92 0.0 40.4 75.0#



#44

trans-1,3-Dichloropropene

Concen: 12.294 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV017223.D

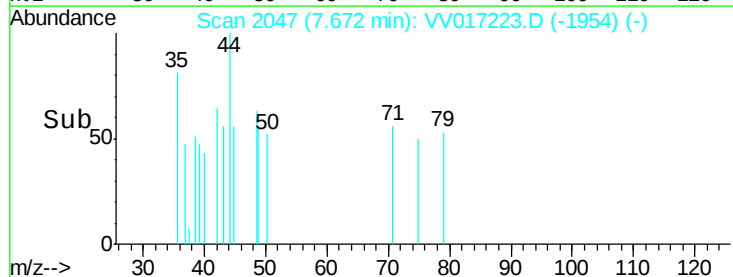
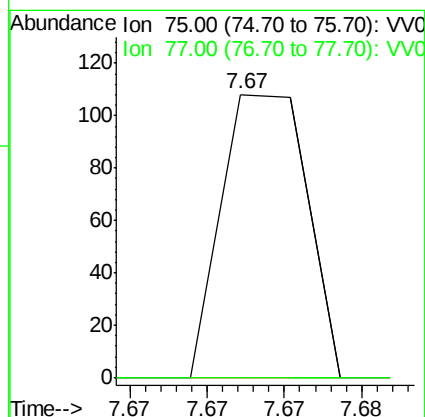
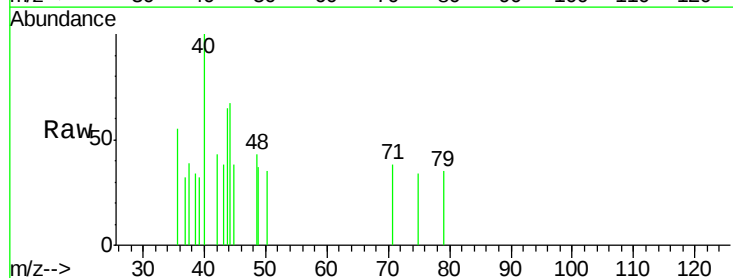
Acq: 27 Jun 2020 08:31

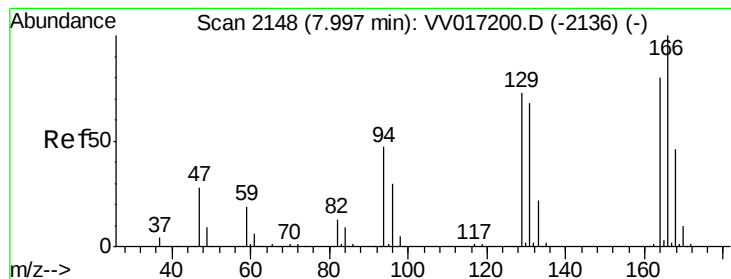
Tgt Ion: 75 Resp: 41

Ion Ratio Lower Upper

75 100

77 0.0 21.7 40.3#





#46

Tetrachloroethene

Concen: 23.449 ug/L

RT: 8.08 min Scan# 2175

Delta R.T. 0.09 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

VBLK61

Tot Ion:164 Resp: 42

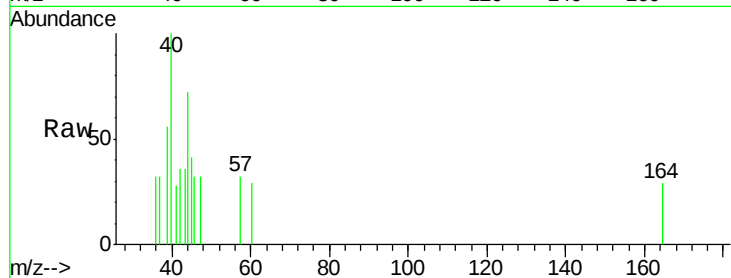
Ion Ratio Lower Upper

164 100

129 0.0 67.0 124.4#

131 0.0 64.8 120.3#

166 0.0 90.4 167.8#

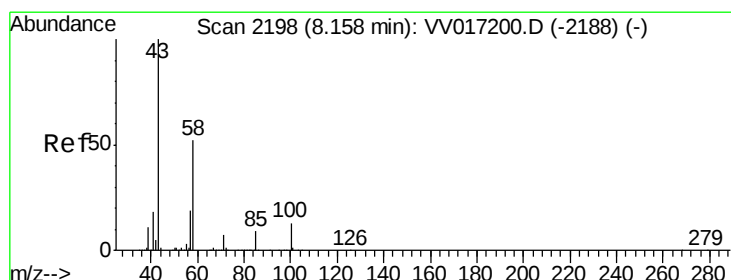
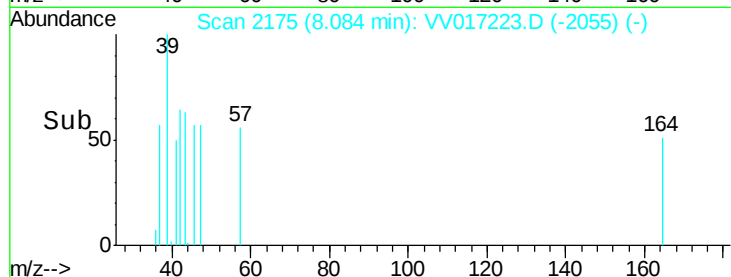
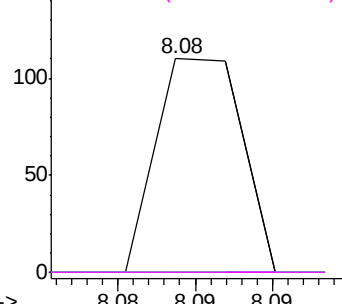


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 61.824 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Tgt Ion: 43 Resp: 150

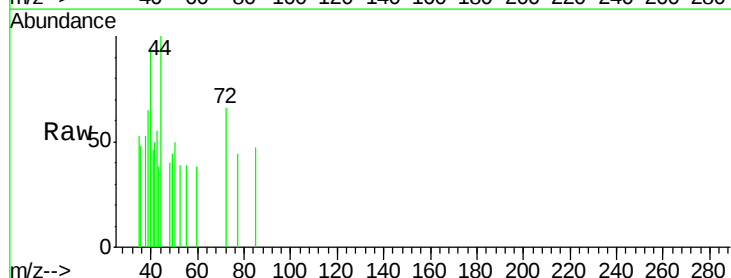
Ion Ratio Lower Upper

43 100

58 0.0 43.1 64.7#

57 0.0 15.3 22.9#

100 0.0 10.0 15.0#

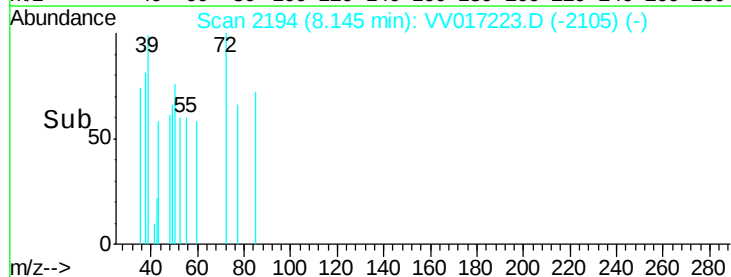
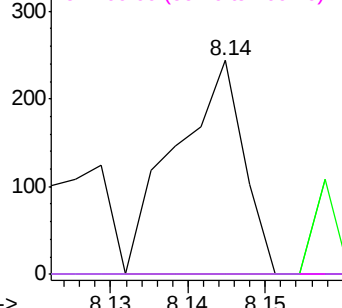


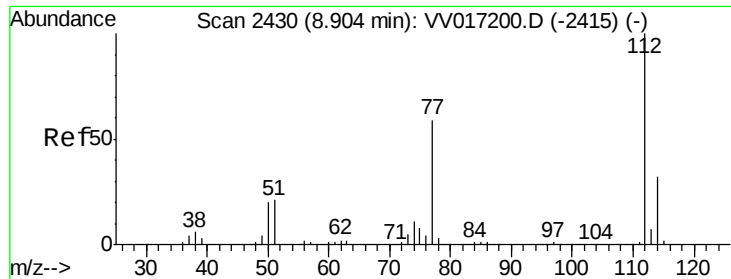
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#51

Chlorobenzene

Concen: 7.705 ug/L

RT: 9.03 min Scan# 2468

Delta R.T. 0.12 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

VBLK61

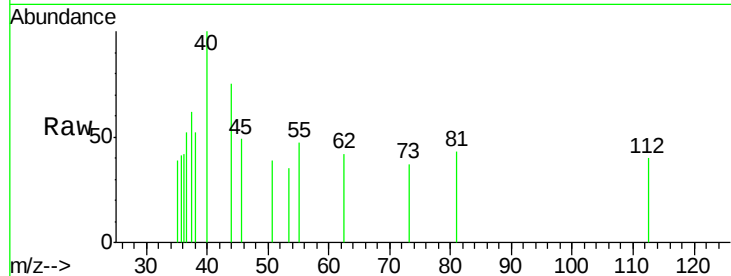
Tot Ion: 112 Resp: 45

Ion Ratio Lower Upper

112 100

114 0.0 22.3 41.3#

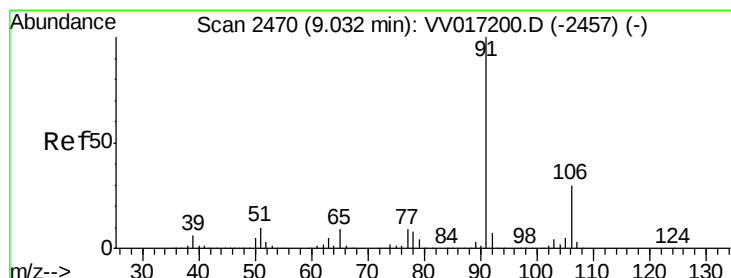
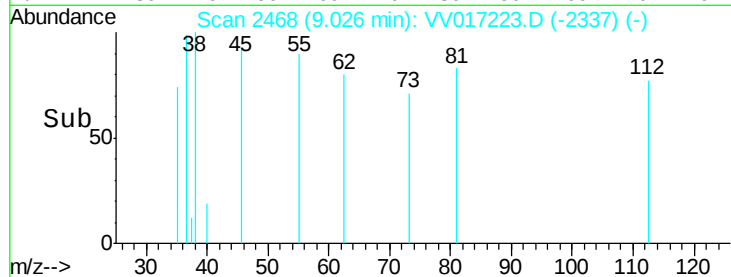
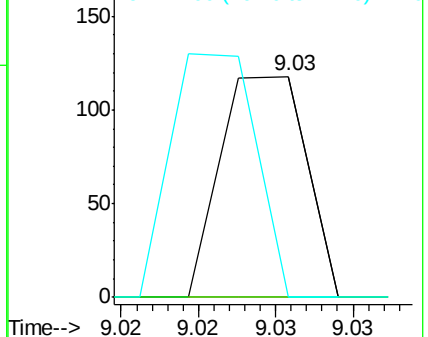
77 0.0 47.9 71.9#



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 7.564 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.13 min

Lab File: VV017223.D

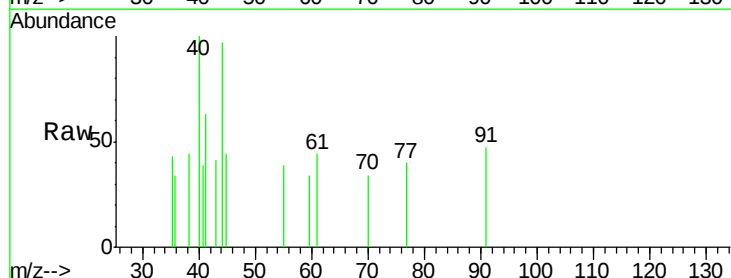
Acq: 27 Jun 2020 08:31

Tgt Ion: 91 Resp: 75

Ion Ratio Lower Upper

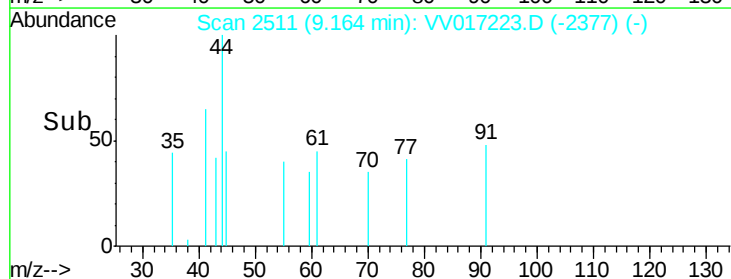
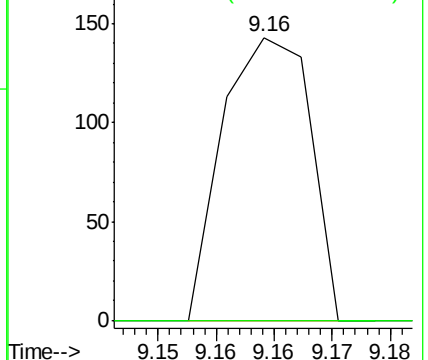
91 100

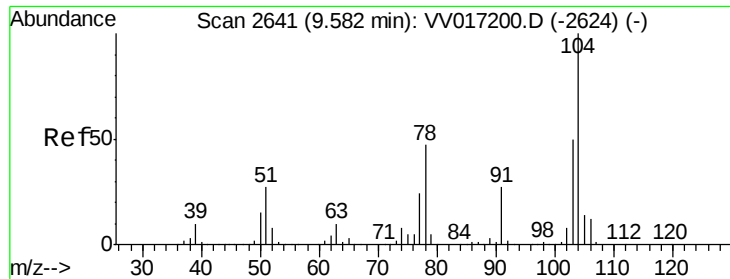
106 0.0 21.1 39.1#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#55

Stvrene

Concen: 6.498 ug/L

RT: 9.61 min Scan# 2650

Delta R.T. 0.03 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleId :

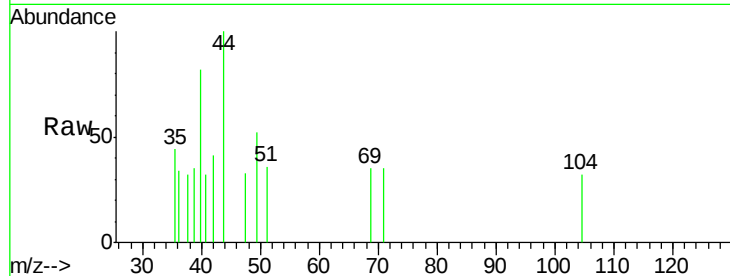
VBLK61

Tot Ion:104 Resp: 40

Ion Ratio Lower Upper

104 100

78 0.0 32.6 60.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

9.61

100

80

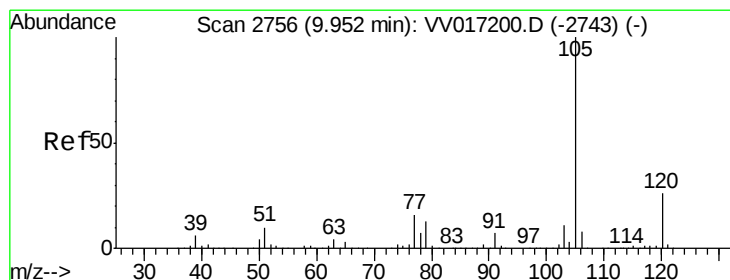
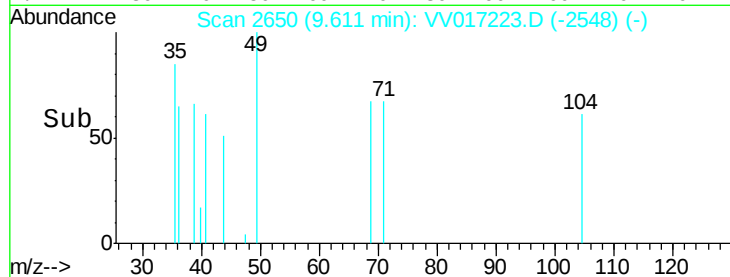
60

40

20

0

Time-->



#56

Isopropylbenzene

Concen: 4.804 ug/L

RT: 9.96 min Scan# 2759

Delta R.T. 0.01 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

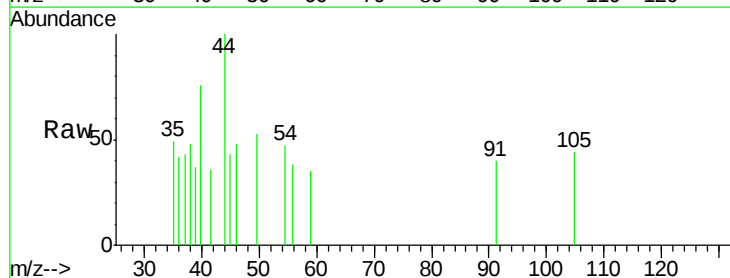
Tgt Ion:105 Resp: 47

Ion Ratio Lower Upper

105 100

120 85.1 21.2 31.8#

77 89.4 13.0 19.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

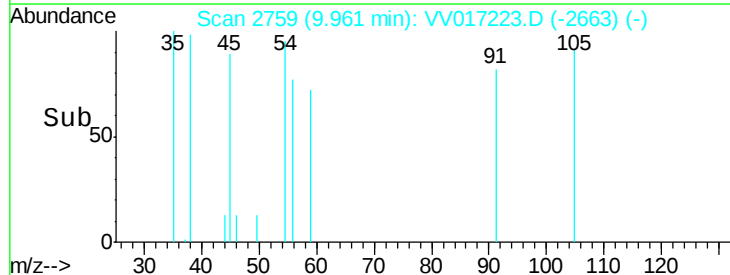
150

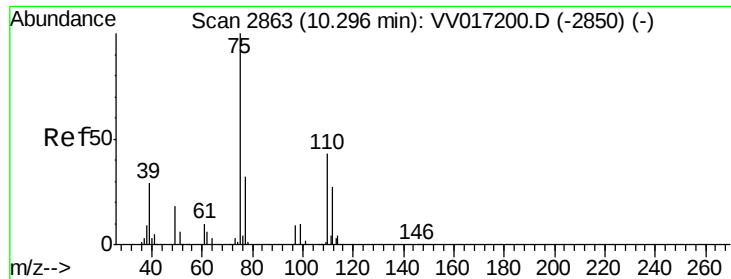
100

50

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 15.329 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.04 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleId :

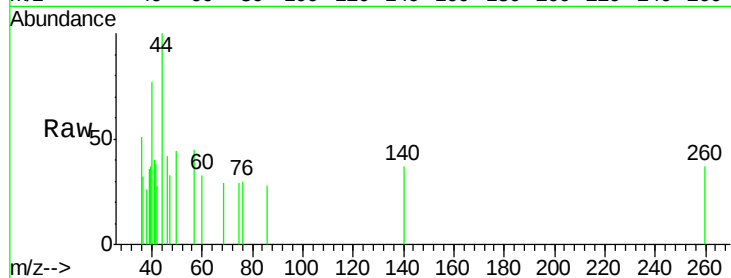
VBLK61

Tot Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

77 97.6 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VV017200.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV017200.D (-2850) (-)

150

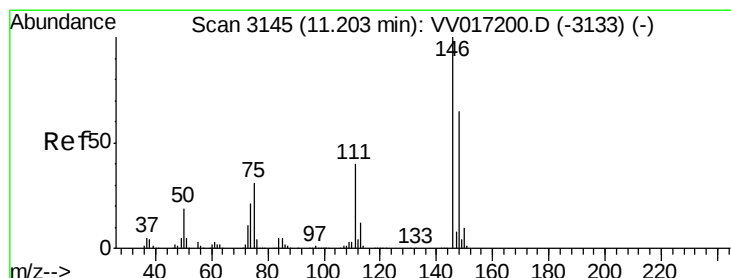
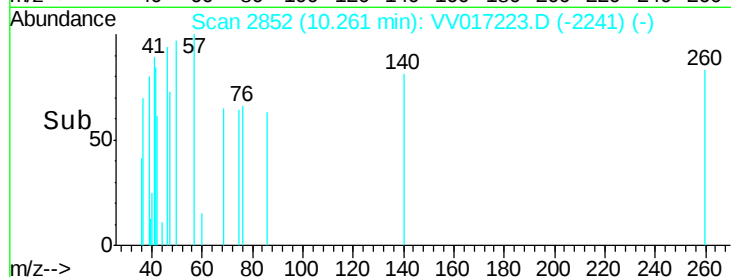
100

50

0

10.25 10.26 10.27

Time-->



#62

1,3-Dichlorobenzene

Concen: 1.024 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 0.27 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

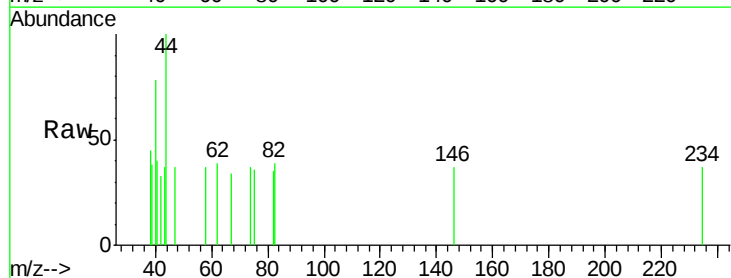
Tgt Ion: 146 Resp: 41

Ion Ratio Lower Upper

146 100

111 0.0 28.3 52.7#

148 0.0 44.2 82.2#



Abundance Ion 146.00 (145.70 to 146.70): VV017200.D (-3133) (-)

Ion 111.00 (110.70 to 111.70): VV017200.D (-3133) (-)

Ion 148.00 (147.70 to 148.70): VV017200.D (-3133) (-)

150

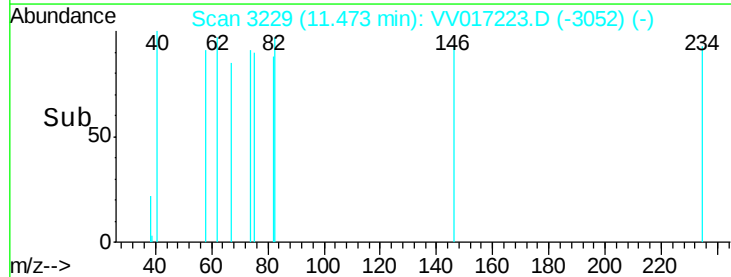
100

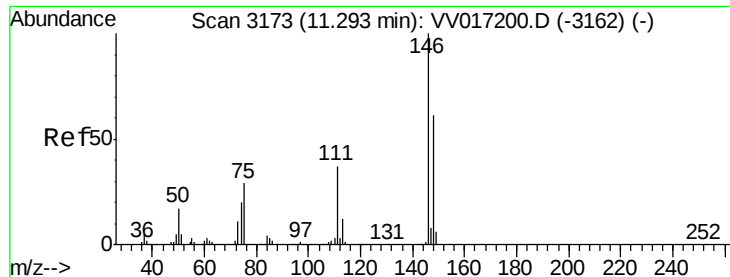
50

0

11.47 11.48

Time-->





#63

1,4-Dichlorobenzene

Concen: 1.007 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 0.18 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampled :

VBLK61

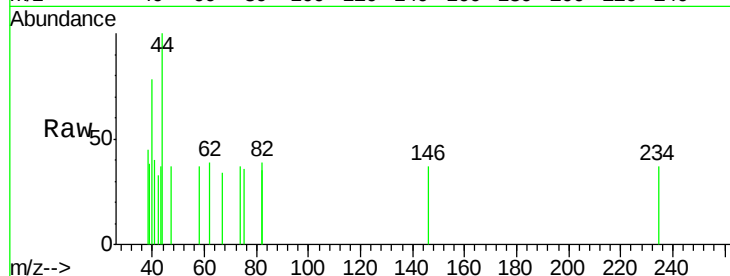
Tot Ion:146 Resp: 41

Ion Ratio Lower Upper

146 100

111 0.0 26.7 49.7#

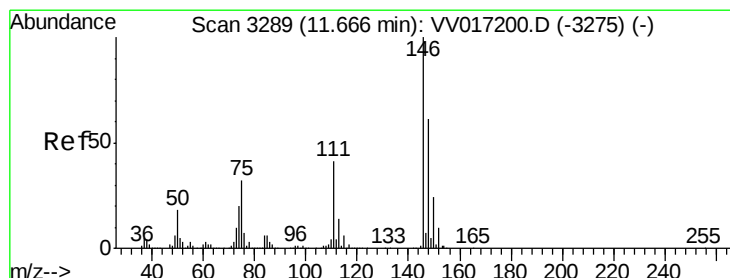
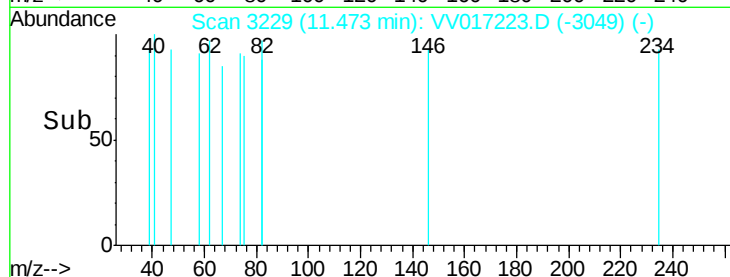
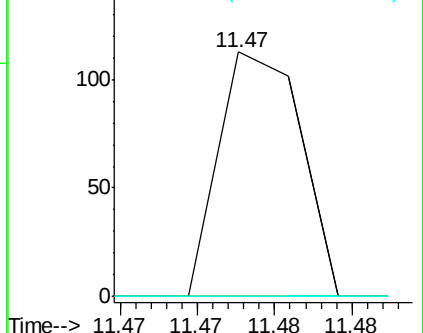
148 0.0 43.5 80.9#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,2-Dichlorobenzene

Concen: 1.022 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. -0.19 min

Lab File: VV017223.D

Acq: 27 Jun 2020 08:31

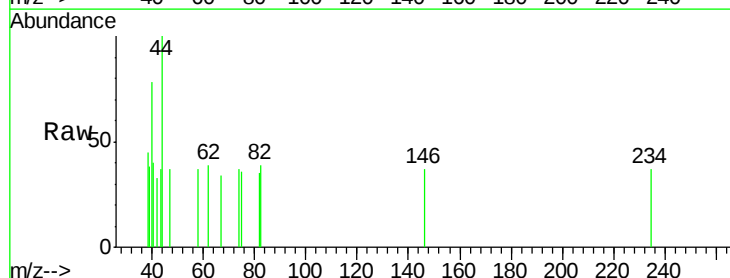
Tgt Ion:146 Resp: 41

Ion Ratio Lower Upper

146 100

111 0.0 33.7 50.5#

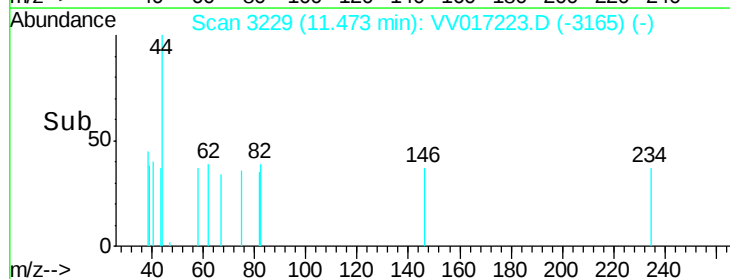
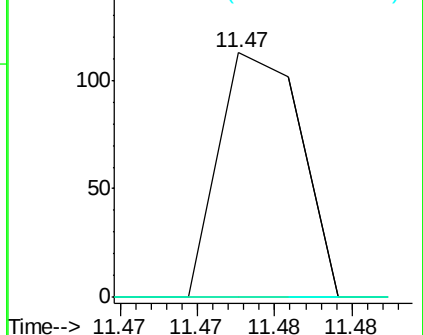
148 0.0 50.7 76.1#

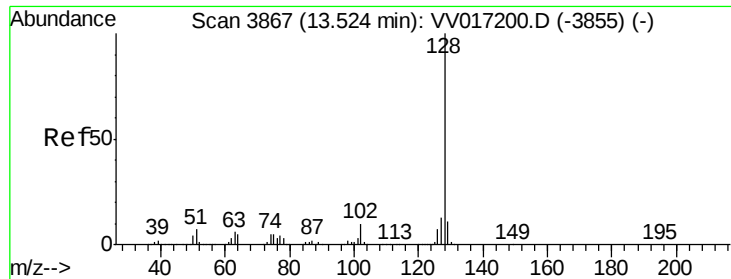


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#69

Naphthalene

Concen: 1.295 ug/L

RT: 13.72 min Scan# 3928

Delta R.T. 0.20 min

Lab File: VV017223.D

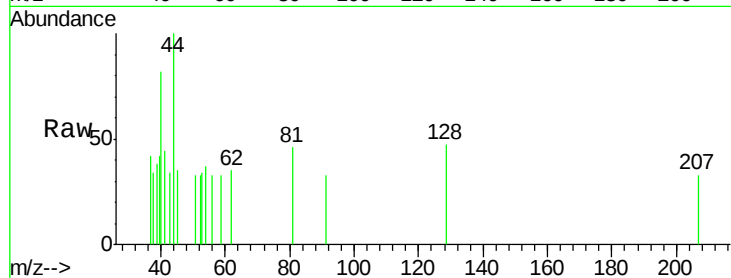
Acq: 27 Jun 2020 08:31

Instrument :

MSVOA_V

ClientSampleId :

VBLK61



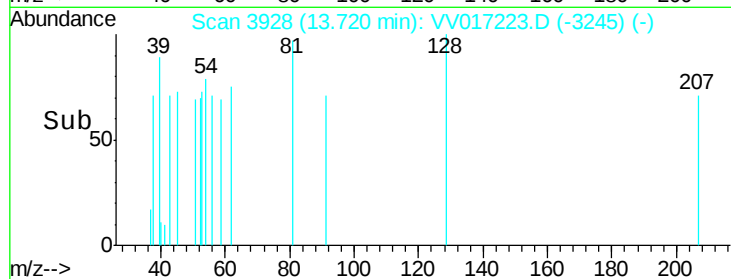
Tot Ion:128 Resp: 102

Ion Ratio Lower Upper

128 100

127 45.1 10.5 15.7#

129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

