

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL122017\
 Data File : VL031268.D
 Acq On : 20 Dec 2017 13:25
 Operator : SY/AP
 Sample : QC121317 CAN 10428
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

Quant Time: Dec 21 08:34:17 2017
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL121317AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Dec 14 04:29:58 2017
 QLast Update : Thu Dec 14 04:29:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.91	49	1733958	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.45	114	3949517	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.41	117	3883859	10.00	ppbv	0.00

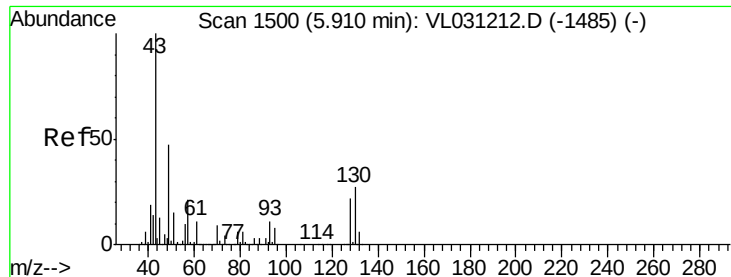
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.75	95	3122086	11.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	113.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.33	85	12090	0.08	ppbv	95
3) Chlorodifluoromethane	3.12	51	17607	0.09	ppbv #	87
4) Chloromethane	3.28	50	3893	0.04	ppbv	99
5) Vinyl Chloride	3.40	62	4944	0.04	ppbv	93
7) Chloroethane	3.71	64	2212	0.05	ppbv	97
8) Dichlorotetrafluoroethane	3.33	85	12090	0.06	ppbv	93
9) Propene	3.14	41	4478	0.05	ppbv #	75
10) Heptane	8.40	43	10816	0.04	ppbv	93
11) Trichlorofluoromethane	4.13	101	13649	0.06	ppbv	96
14) Bromoethene	3.91	108	3578	0.05	ppbv #	83
15) Acetone	4.05	43	56558	0.25	ppbv #	77
18) 1,1-Dichloroethene	4.48	96	4069	0.05	ppbv #	35
20) Methylene Chloride	4.54	84	13936	0.18	ppbv #	79
22) trans-1,2-Dichloroethene	5.10	96	4155	0.04	ppbv #	85
23) Vinyl Acetate	5.31	43	12590	0.03	ppbv #	83
25) Ethyl Acetate	5.94	43	21926	0.05	ppbv #	95
26) Hexane	5.93	57	12338	0.06	ppbv #	79
27) Carbon Disulfide	4.76	76	7378	0.03	ppbv #	1
34) 2-Butanone	5.50	43	14882	0.05	ppbv	92
36) Benzene	7.16	78	17796	0.04	ppbv #	91
37) 1,2-Dichloroethane	6.57	62	11846	0.05	ppbv #	94
39) 1,2-Dichloropropane	7.45	63	1019915	6.89	ppbv #	27
47) 1,1,2-Trichloroethane	9.79	97	4814	0.03	ppbv #	68
53) Toluene	10.12	91	17552	0.04	ppbv	100
54) 1,2-Dibromoethane	10.94	107	7055	0.03	ppbv #	66
57) Chlorobenzene	12.48	112	15532	0.04	ppbv #	85
62) Isopropylbenzene	14.99	105	23022	0.03	ppbv #	79
69) p-Isopropyltoluene	17.98	119	23867	0.03	ppbv #	76
73) 1,3,5-Trimethylbenzene	16.33	105	16015	0.03	ppbv	94
76) 1,4-Dichlorobenzene	17.48	146	12103	0.04	ppbv #	41
78) Hexachloro-1,3-Butadiene	23.70	225	2814	0.04	ppbv #	46

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

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ALS Vial : 1 Sample Multiplier: 1



#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.91 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

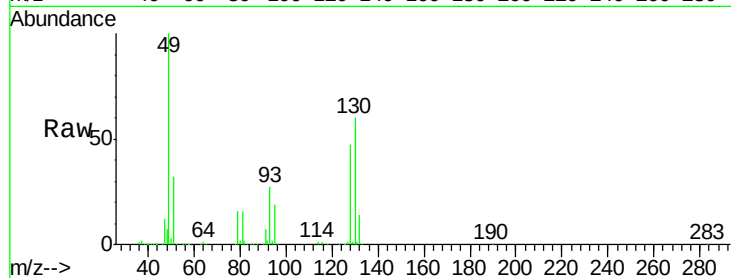
Tgt Ion: 49 Resp: 1733958

Ion Ratio Lower Upper

49 100

128 47.0 23.2 69.5

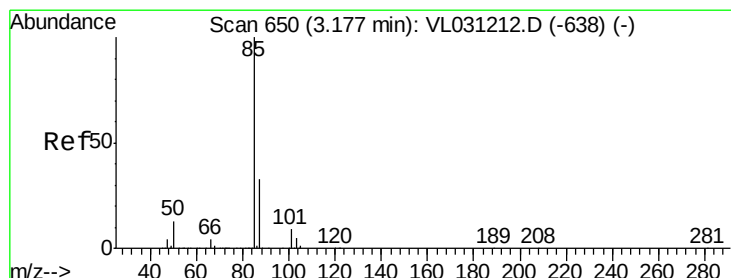
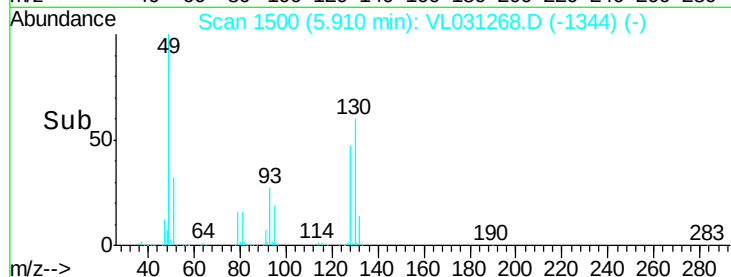
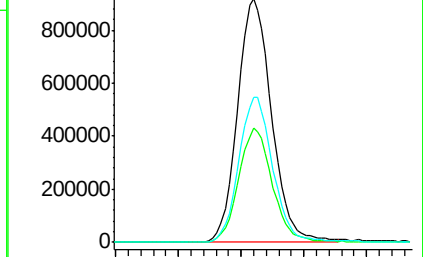
130 60.4 29.6 88.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.08 ppbv

RT: 3.33 min Scan# 698

Delta R.T. 0.15 min

Lab File: VL031268.D

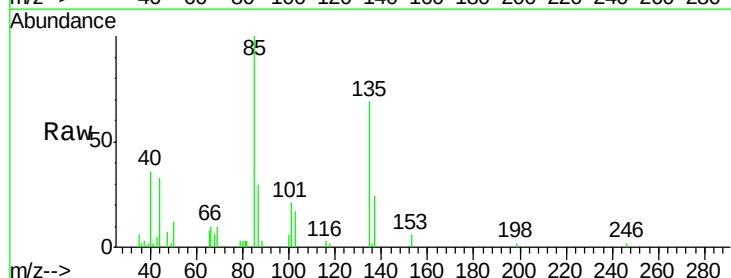
Acq: 20 Dec 2017 13:25

Tgt Ion: 85 Resp: 12090

Ion Ratio Lower Upper

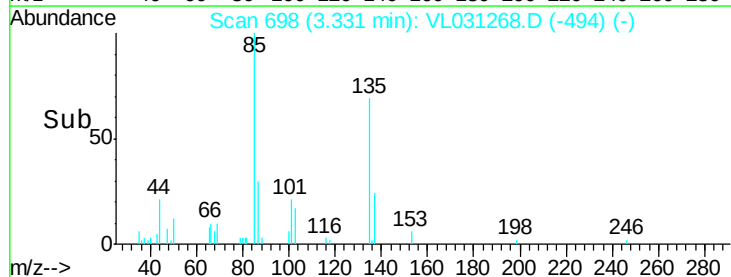
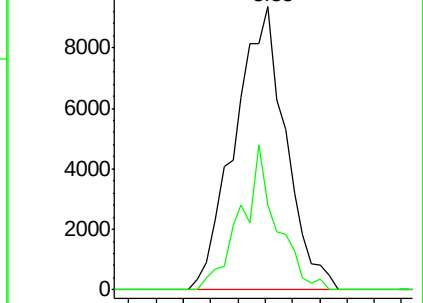
85 100

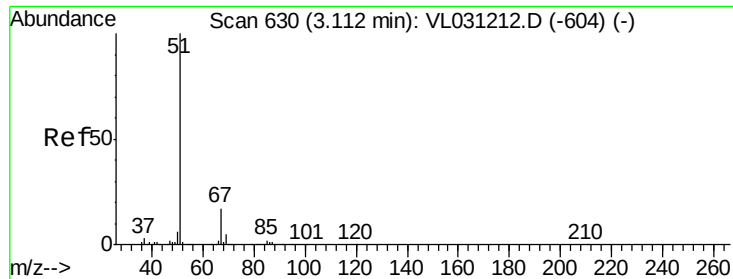
87 30.0 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.09 ppbv

RT: 3.12 min Scan# 632

Delta R.T. 0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

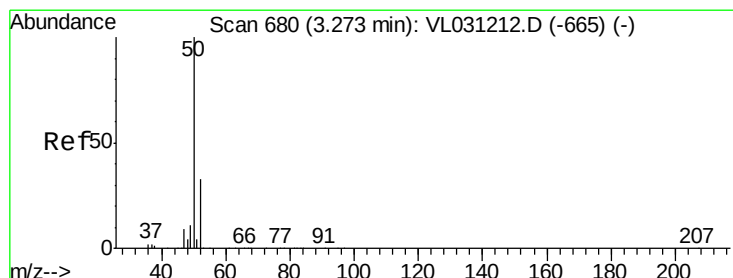
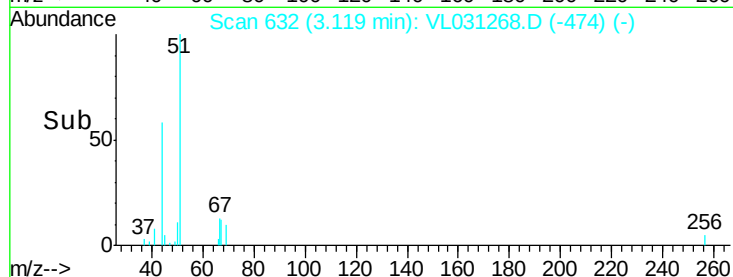
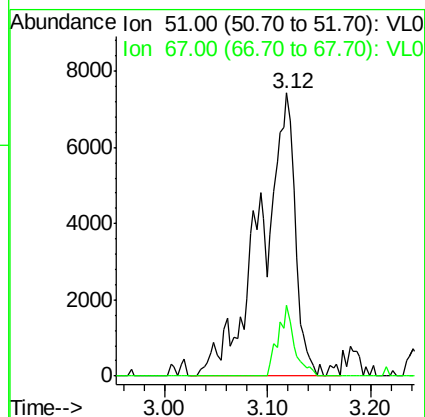
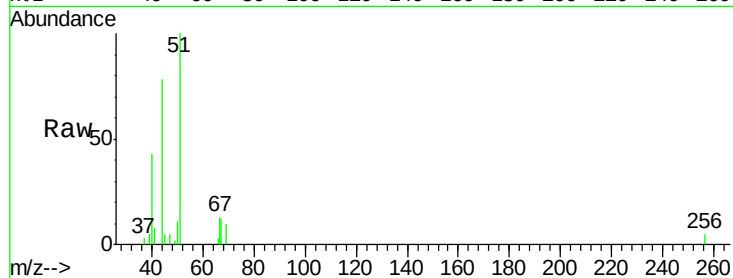
QC121317 CAN 10428

Tgt Ion: 51 Resp: 17607

Ion Ratio Lower Upper

51 100

67 11.5 13.8 20.6#



#4

Chloromethane

Concen: 0.04 ppbv

RT: 3.28 min Scan# 682

Delta R.T. 0.01 min

Lab File: VL031268.D

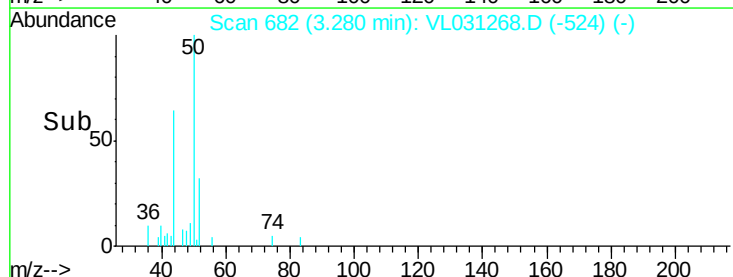
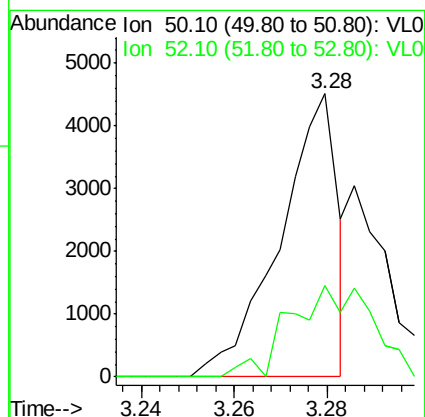
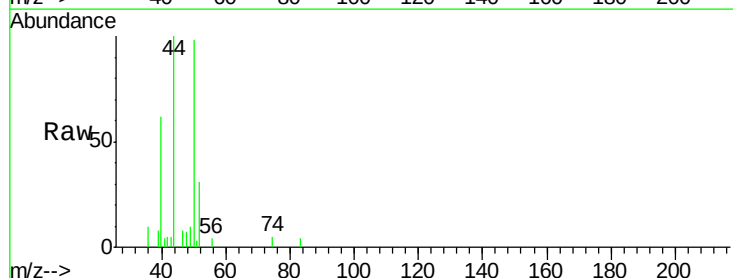
Acq: 20 Dec 2017 13:25

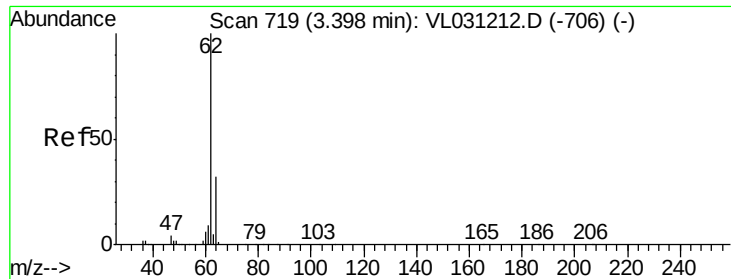
Tgt Ion: 50 Resp: 3893

Ion Ratio Lower Upper

50 100

52 33.9 26.5 39.7





#5

Vinyl Chloride

Concen: 0.04 ppbv

RT: 3.40 min Scan# 719

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

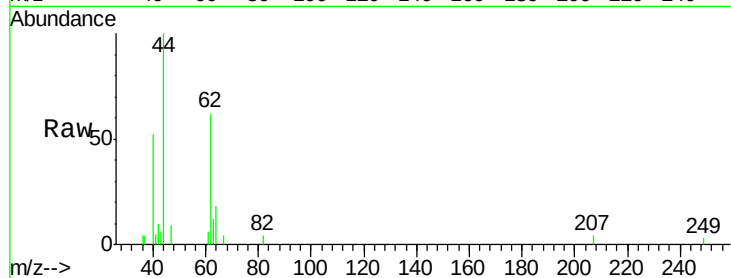
QC121317 CAN 10428

Tgt Ion: 62 Resp: 4944

Ion Ratio Lower Upper

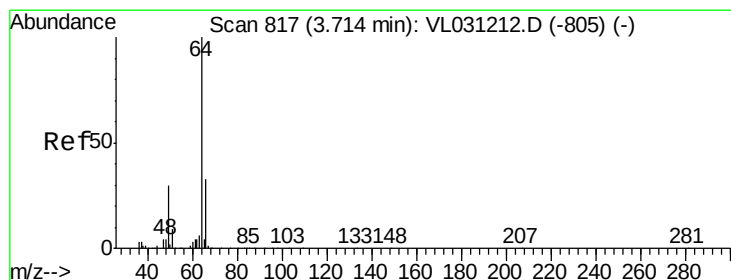
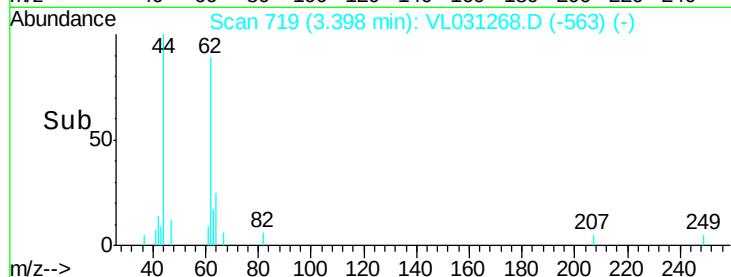
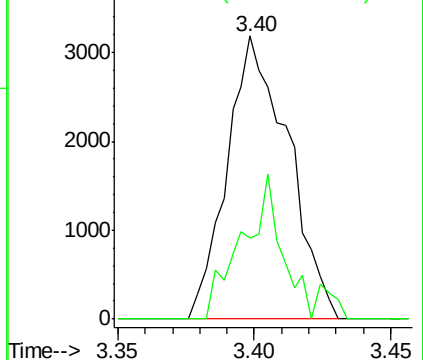
62 100

64 28.6 25.9 38.9



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#7

Chloroethane

Concen: 0.05 ppbv

RT: 3.71 min Scan# 817

Delta R.T. 0.00 min

Lab File: VL031268.D

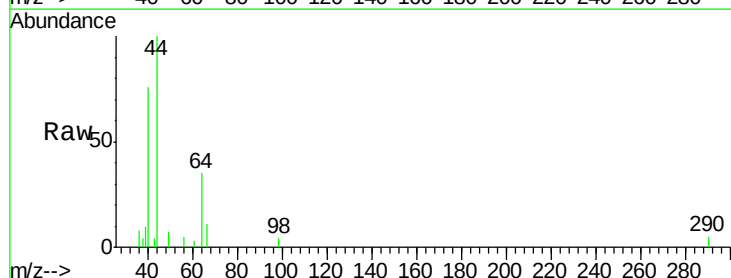
Acq: 20 Dec 2017 13:25

Tgt Ion: 64 Resp: 2212

Ion Ratio Lower Upper

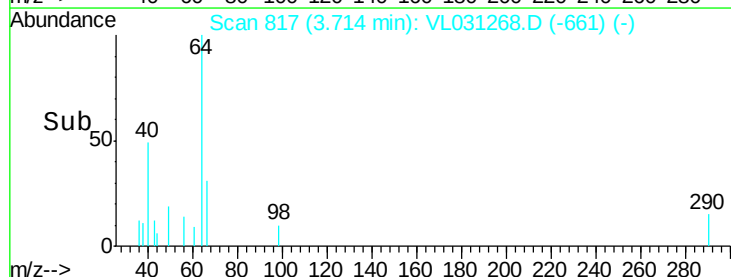
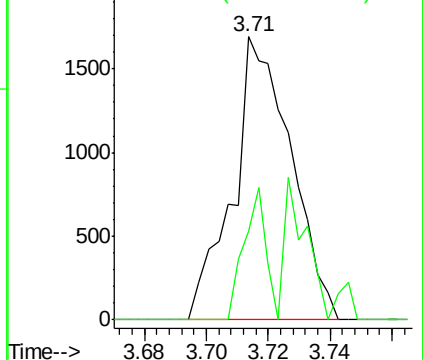
64 100

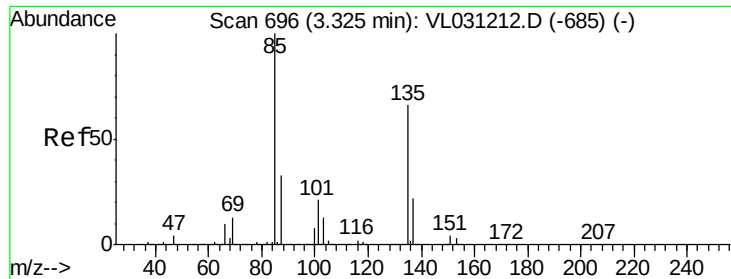
66 31.2 26.2 39.2



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.06 ppbv

RT: 3.33 min Scan# 698

Delta R.T. 0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

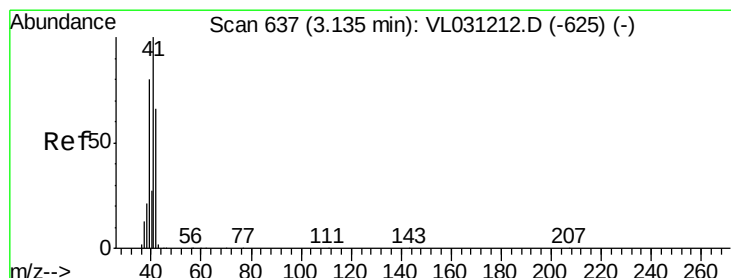
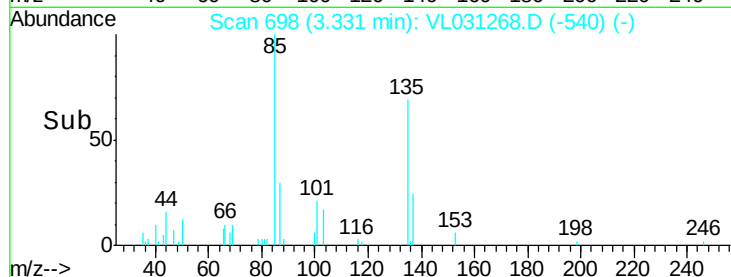
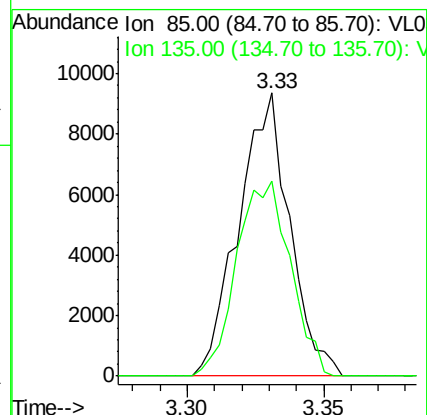
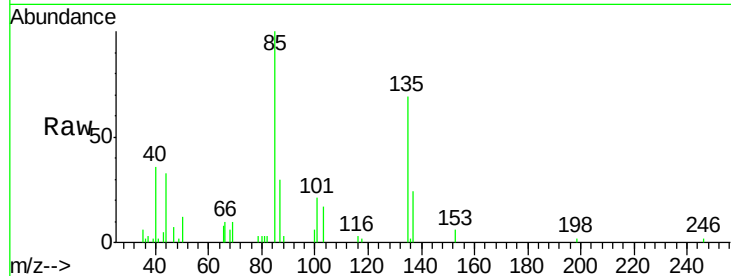
QC121317 CAN 10428

Tgt Ion: 85 Resp: 12090

Ion Ratio Lower Upper

85 100

135 72.9 54.0 81.0



#9

Propene

Concen: 0.05 ppbv

RT: 3.14 min Scan# 639

Delta R.T. 0.01 min

Lab File: VL031268.D

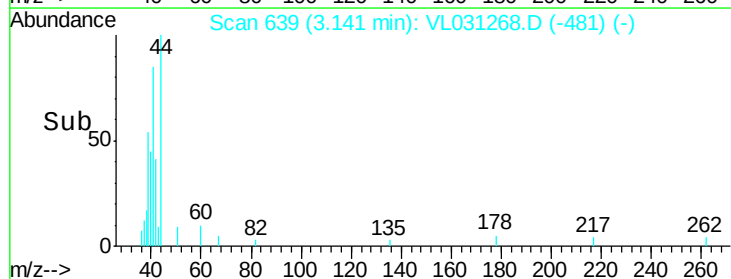
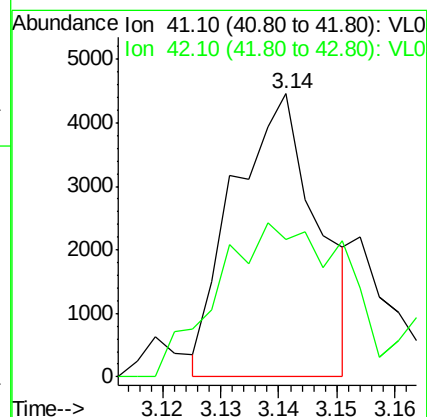
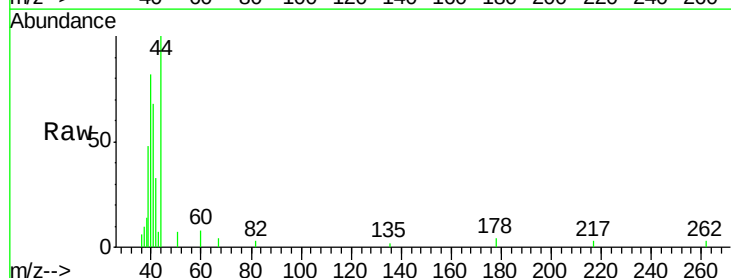
Acq: 20 Dec 2017 13:25

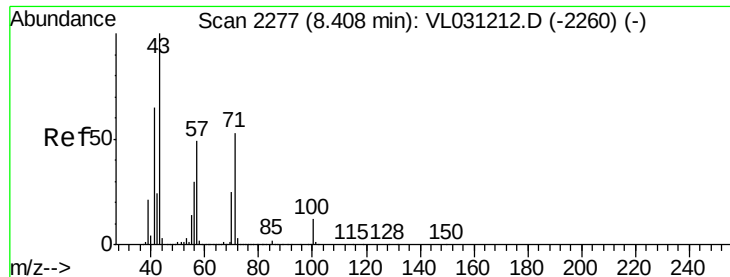
Tgt Ion: 41 Resp: 4478

Ion Ratio Lower Upper

41 100

42 88.4 54.3 81.5#





#10

Heptane

Concen: 0.04 ppbv

RT: 8.40 min Scan# 2276

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

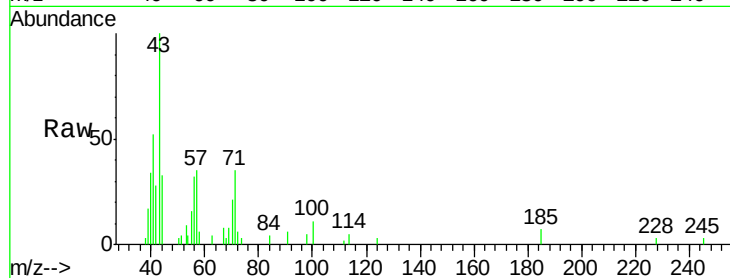
QC121317 CAN 10428

Tgt Ion: 43 Resp: 10816

Ion Ratio Lower Upper

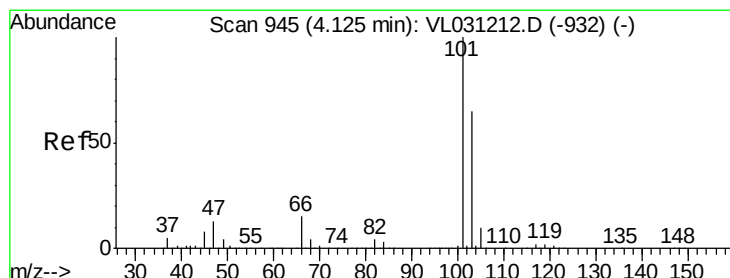
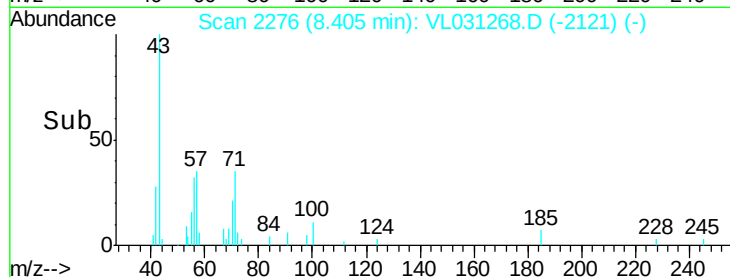
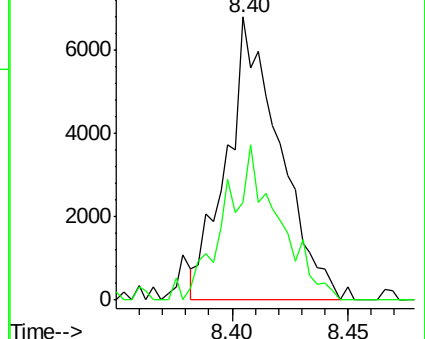
43 100

57 54.8 39.8 59.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.06 ppbv

RT: 4.13 min Scan# 948

Delta R.T. 0.01 min

Lab File: VL031268.D

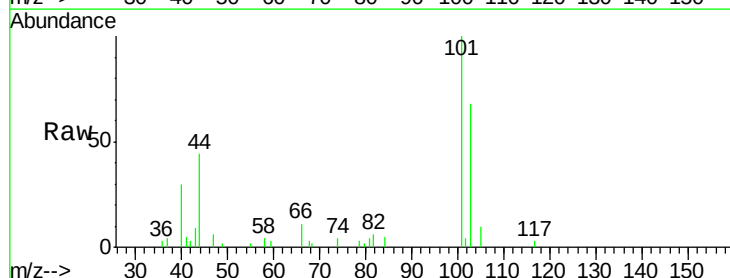
Acq: 20 Dec 2017 13:25

Tgt Ion: 101 Resp: 13649

Ion Ratio Lower Upper

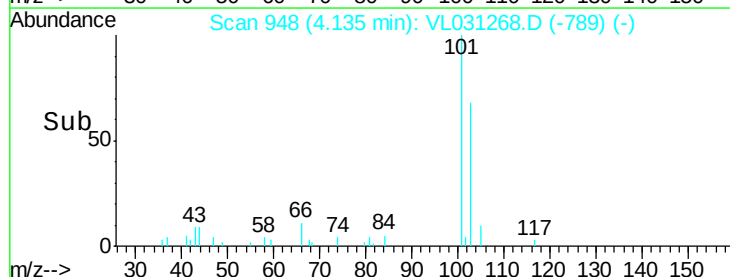
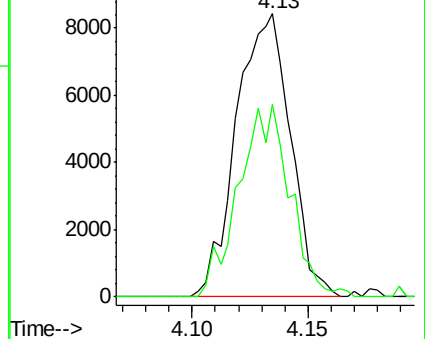
101 100

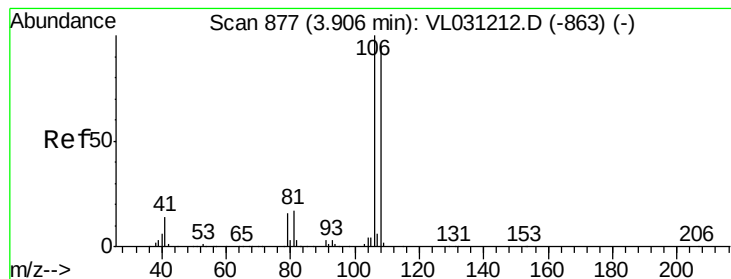
103 68.2 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#14

Bromoethene

Concen: 0.05 ppbv

RT: 3.91 min Scan# 877

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

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ClientSampleId :

QC121317 CAN 10428

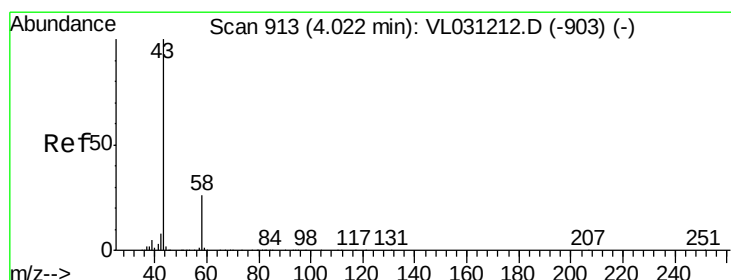
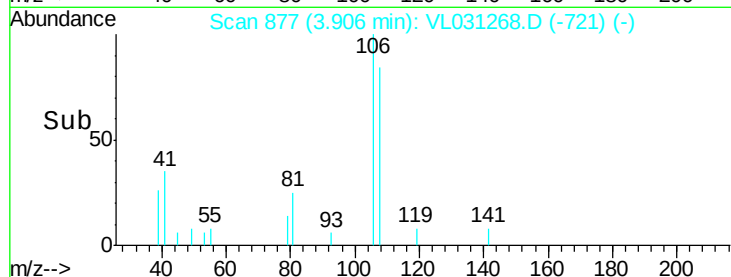
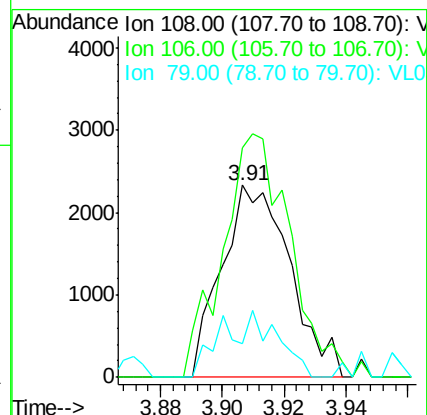
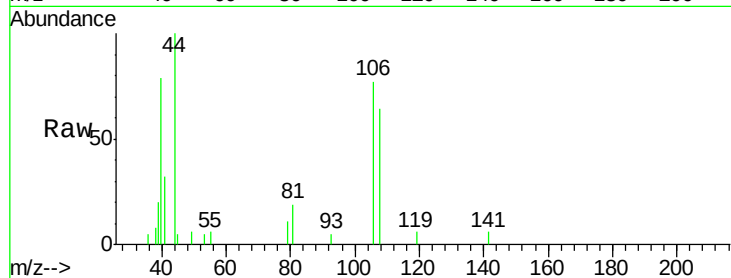
Tgt Ion: 108 Resp: 3578

Ion Ratio Lower Upper

108 100

106 124.8 86.5 129.7

79 27.7 14.2 21.4#



#15

Acetone

Concen: 0.25 ppbv

RT: 4.05 min Scan# 923

Delta R.T. 0.03 min

Lab File: VL031268.D

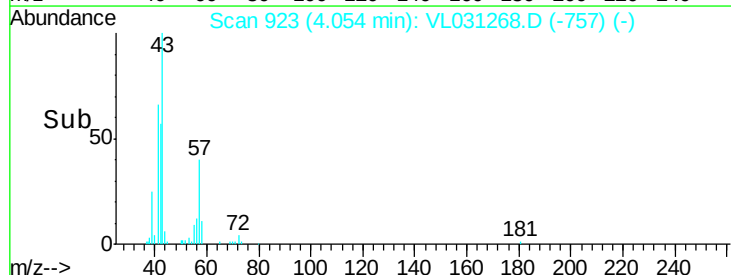
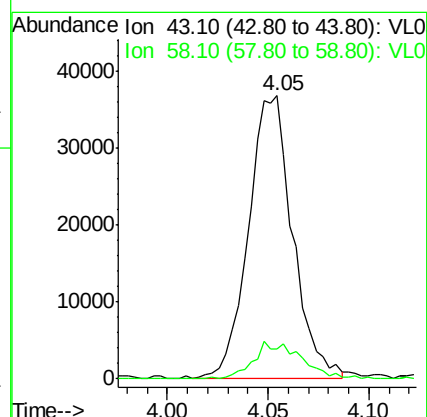
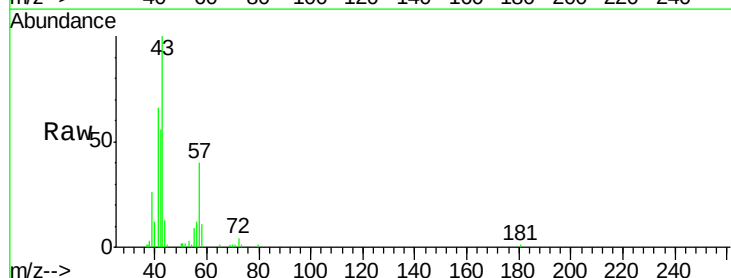
Acq: 20 Dec 2017 13:25

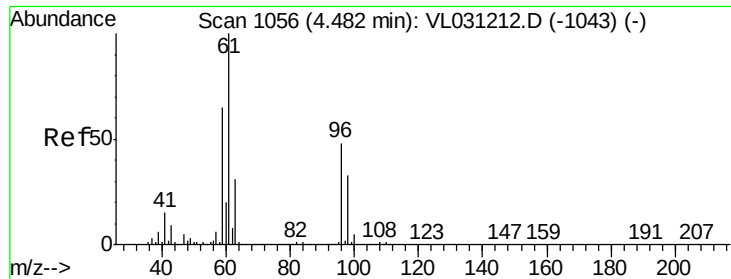
Tgt Ion: 43 Resp: 56558

Ion Ratio Lower Upper

43 100

58 14.0 20.3 30.5#

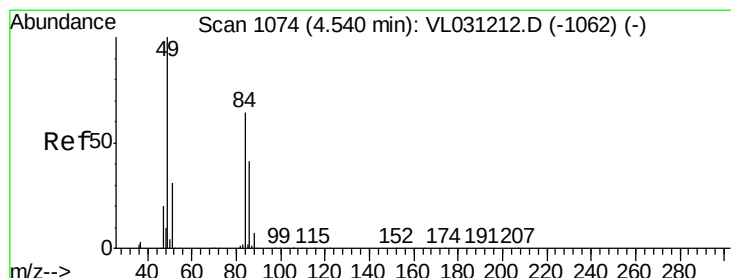
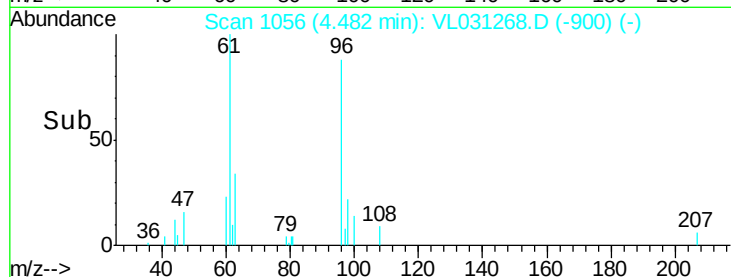
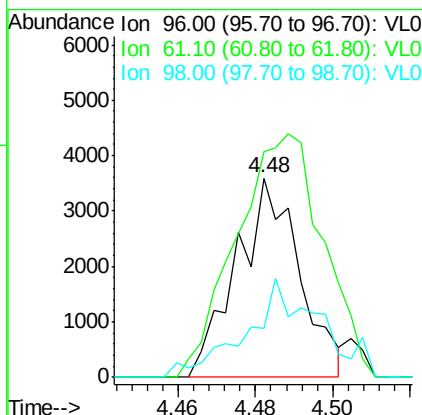
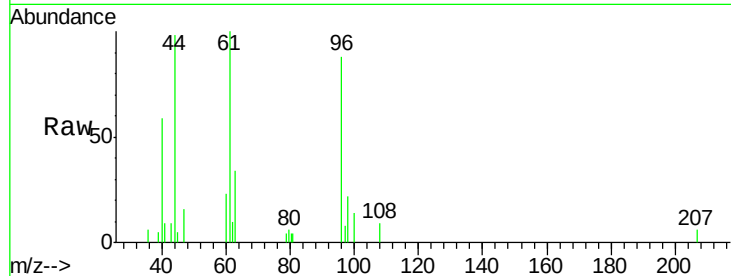




#18
 1,1-Dichloroethene
 Concen: 0.05 ppbv
 RT: 4.48 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

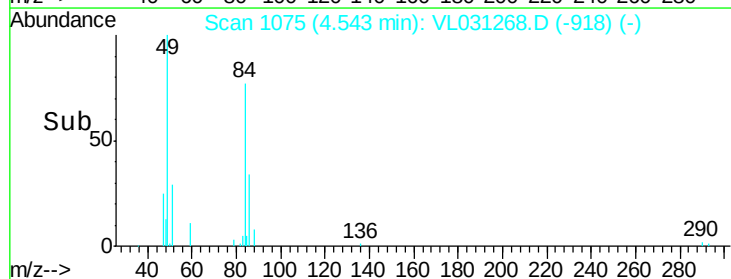
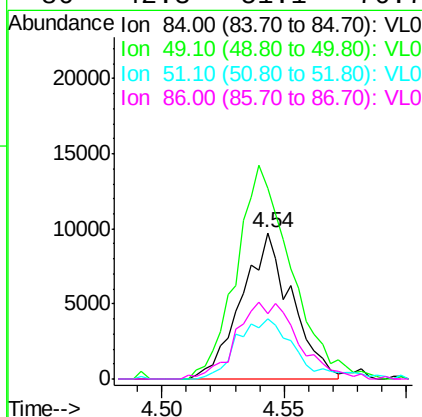
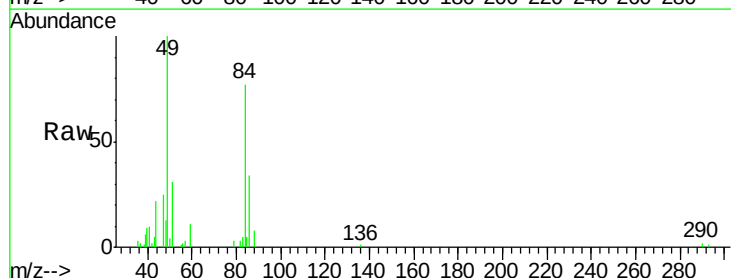
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 QC121317 CAN 10428

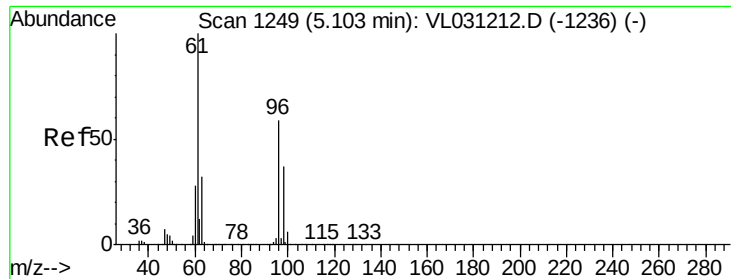
Tgt Ion: 96 Resp: 4069
 Ion Ratio Lower Upper
 96 100
 61 104.0 166.8 250.2#
 98 20.4 55.0 82.6#



#20
 Methylene Chloride
 Concen: 0.18 ppbv
 RT: 4.54 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Tgt Ion: 84 Resp: 13936
 Ion Ratio Lower Upper
 84 100
 49 130.4 125.8 188.6
 51 40.7 39.3 58.9
 86 42.3 51.1 76.7#





#22

trans-1,2-Dichloroethene

Concen: 0.04 ppbv

RT: 5.10 min Scan# 1249

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

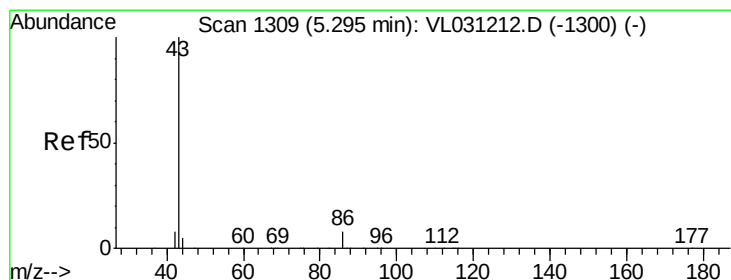
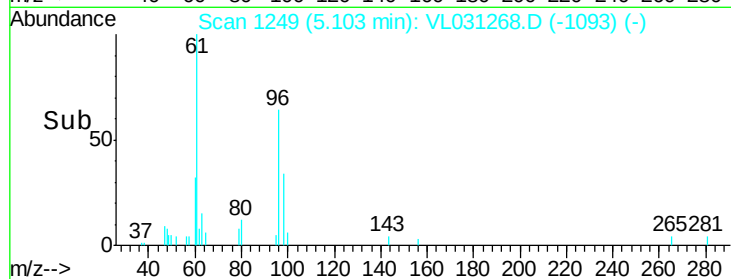
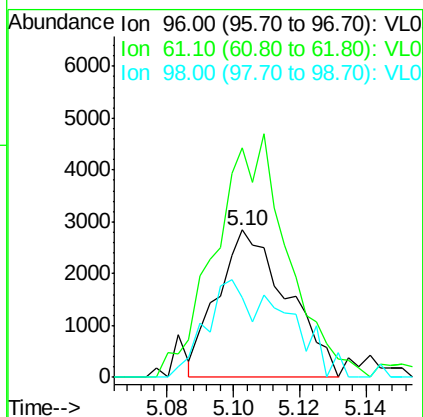
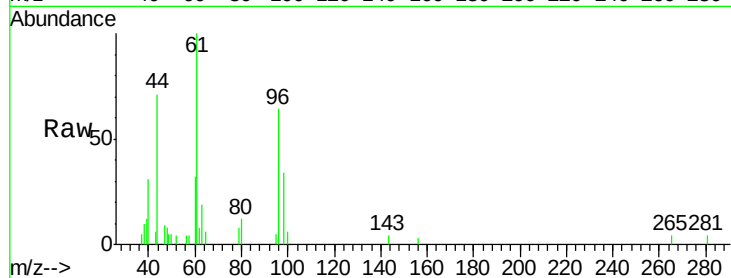
Tgt Ion: 96 Resp: 4155

Ion Ratio Lower Upper

96 100

61 155.4 135.0 202.4

98 40.3 50.5 75.7#



#23

Vinyl Acetate

Concen: 0.03 ppbv

RT: 5.31 min Scan# 1312

Delta R.T. 0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Tgt Ion: 43 Resp: 12590

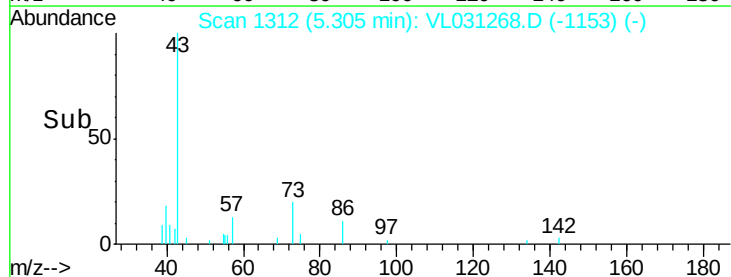
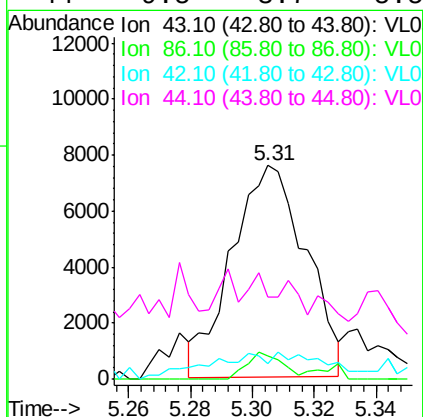
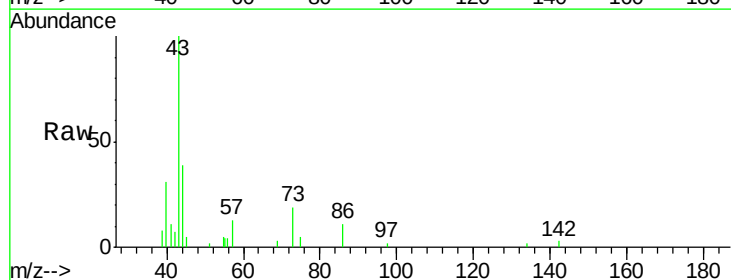
Ion Ratio Lower Upper

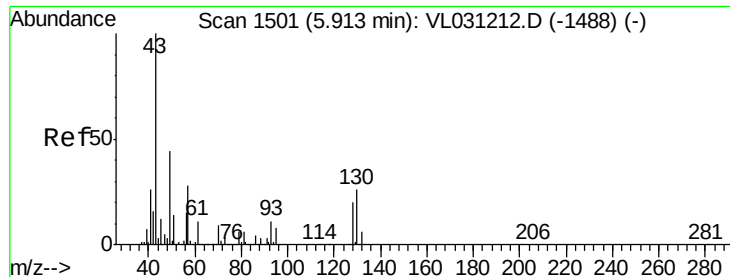
43 100

86 12.8 5.9 8.9#

42 2.2 7.3 10.9#

44 9.5 3.7 5.5#

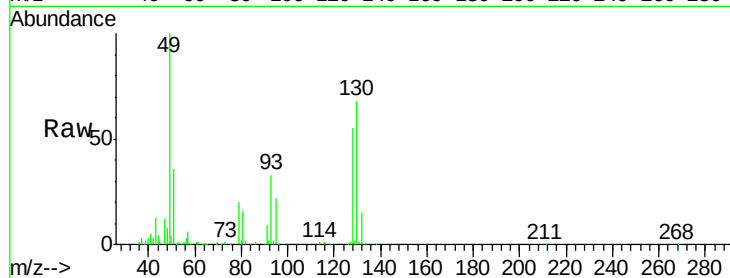




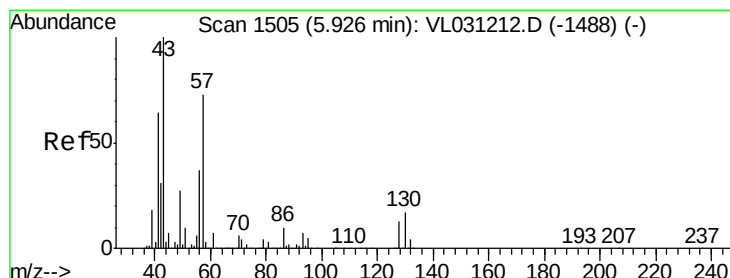
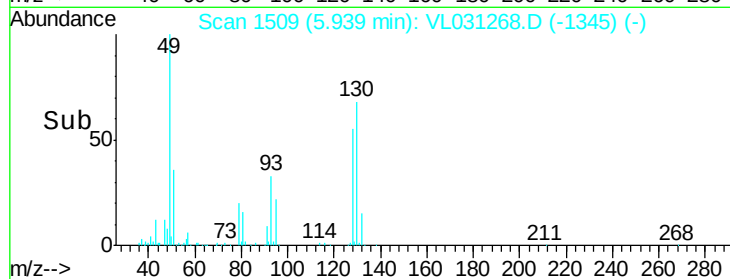
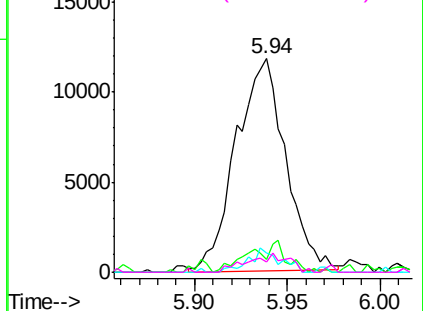
#25
Ethyl Acetate
Concen: 0.05 ppbv
RT: 5.94 min Scan# 1509
Delta R.T. 0.03 min
Lab File: VL031268.D
Acq: 20 Dec 2017 13:25

Instrument :
MSVOA_L
ClientSampleId :
QC121317 CAN 10428

Tgt Ion:	43	Resp:	21926
Ion	Ratio	Lower	Upper
43	100		
45	13.3	8.0	12.0#
61	7.7	7.4	11.0
70	7.8	5.8	8.8

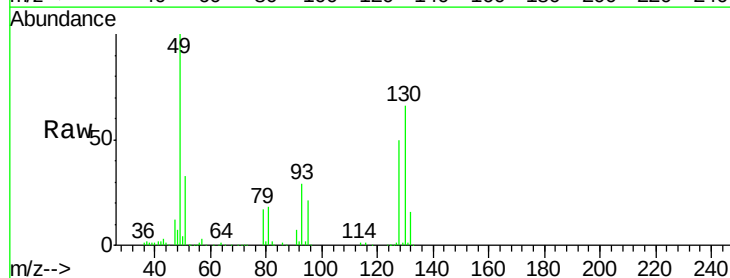


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

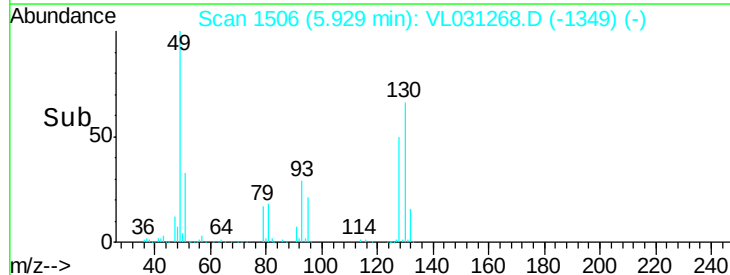
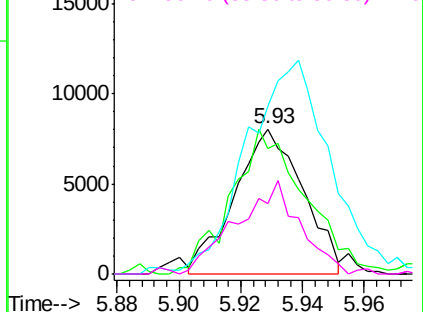


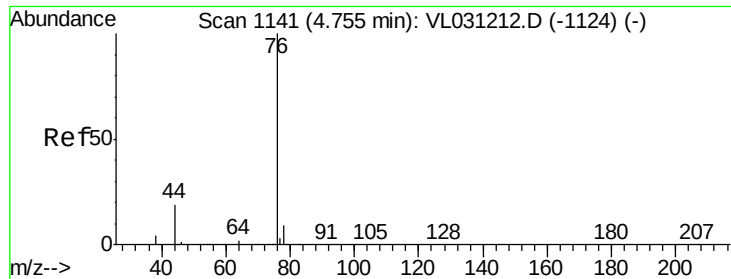
#26
Hexane
Concen: 0.06 ppbv
RT: 5.93 min Scan# 1506
Delta R.T. 0.00 min
Lab File: VL031268.D
Acq: 20 Dec 2017 13:25

Tgt Ion:	57	Resp:	12338
Ion	Ratio	Lower	Upper
57	100		
41	116.5	70.3	105.5#
43	186.1	173.8	260.8
56	61.0	41.7	62.5



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.03 ppbv

RT: 4.76 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

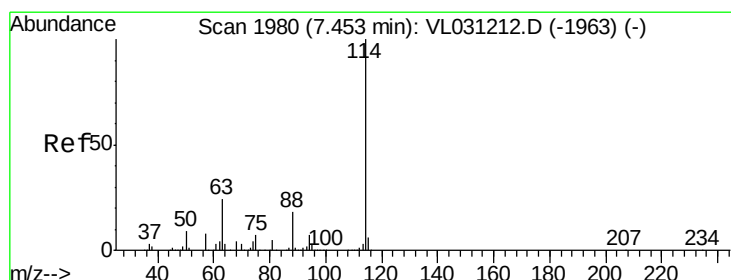
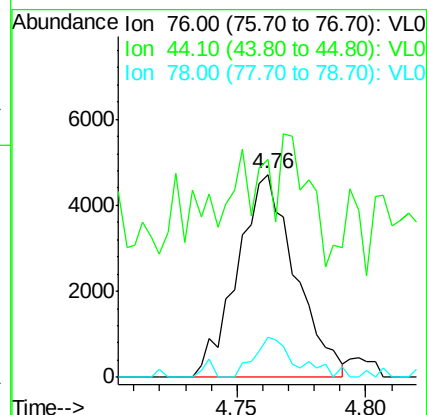
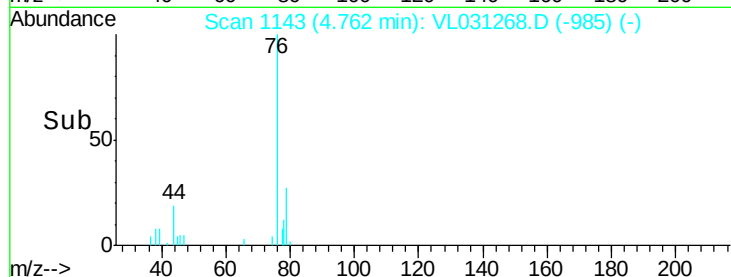
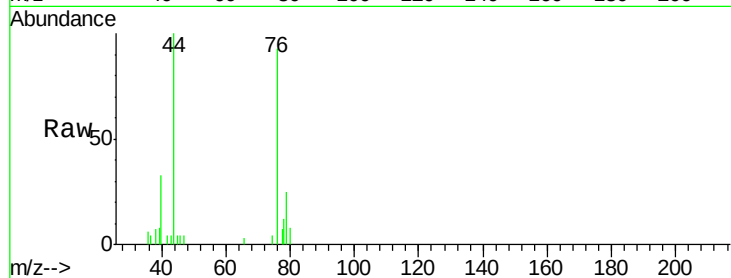
Tgt Ion: 76 Resp: 7378

Ion Ratio Lower Upper

76 100

44 95.6 16.0 24.0#

78 16.8 7.5 11.3#



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.45 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

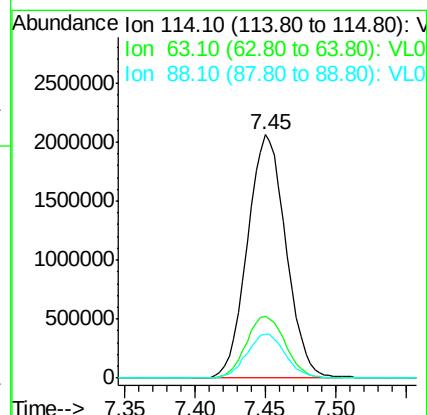
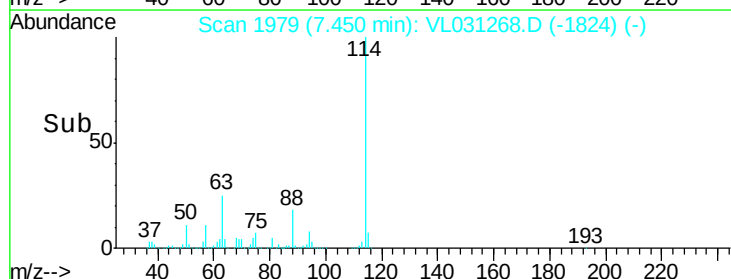
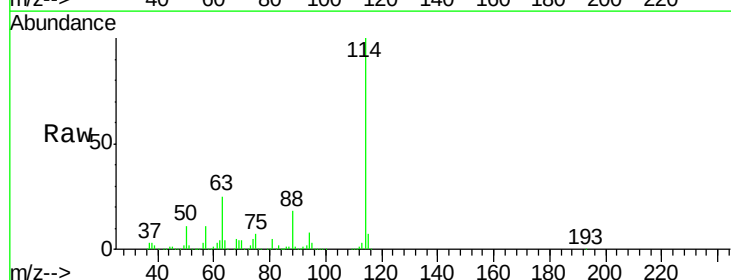
Tgt Ion: 114 Resp: 3949517

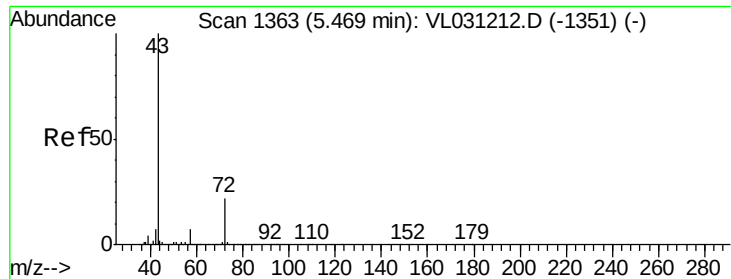
Ion Ratio Lower Upper

114 100

63 26.1 19.8 29.8

88 18.2 14.2 21.4

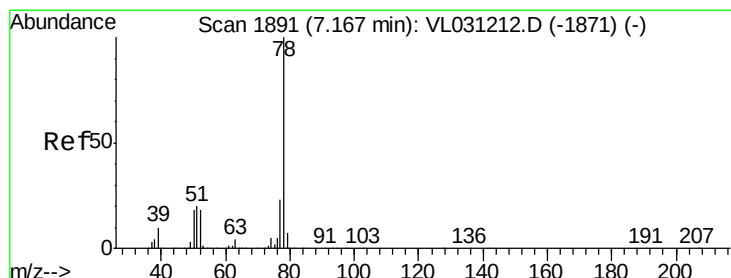
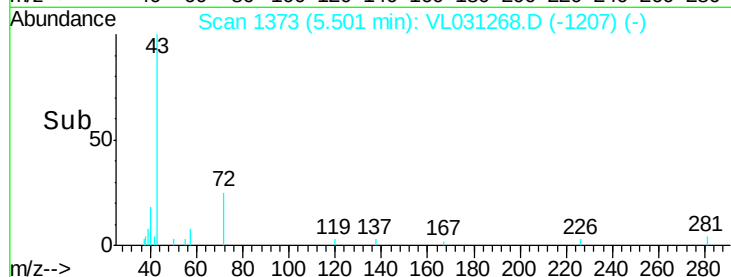
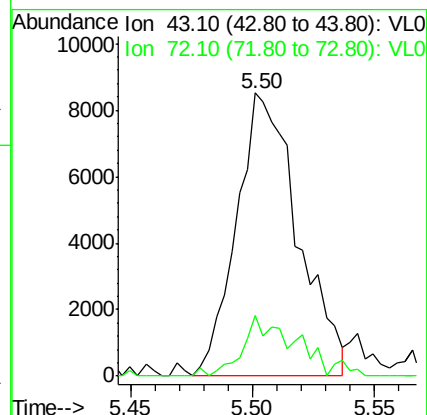
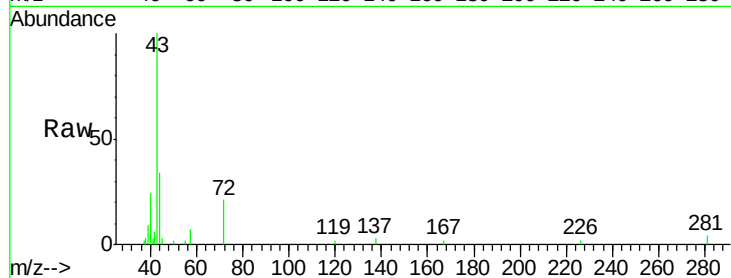




#34
 2-Butanone
 Concen: 0.05 ppbv
 RT: 5.50 min Scan# 1373
 Delta R.T. 0.03 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

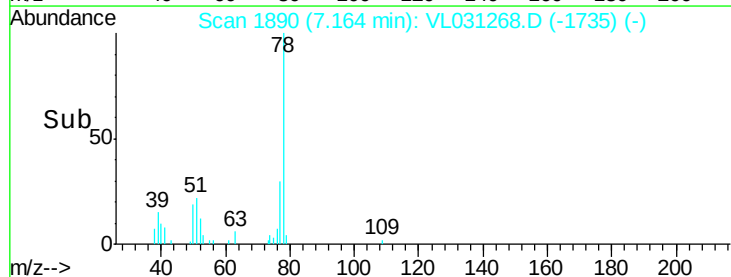
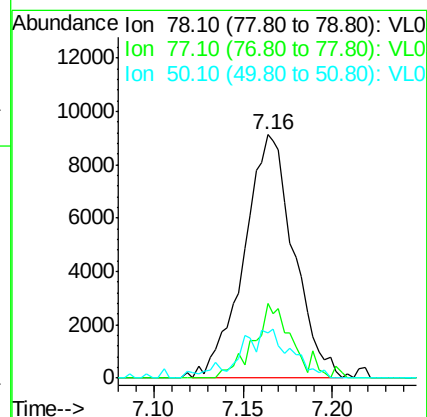
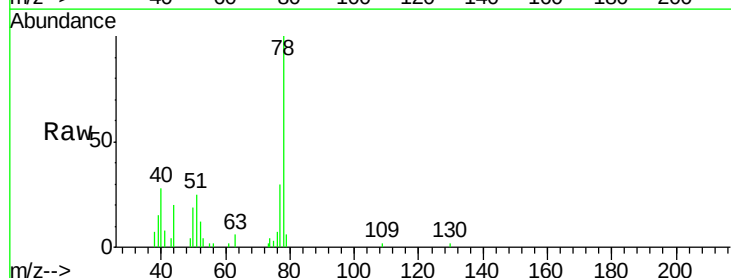
Instrument :
 MSVOA_L
 ClientSampleId :
 QC121317 CAN 10428

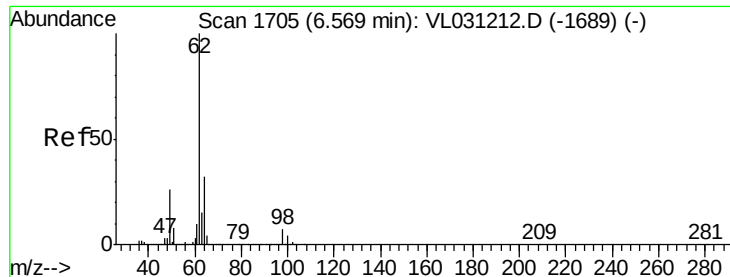
Tgt Ion: 43 Resp: 14882
 Ion Ratio Lower Upper
 43 100
 72 18.8 18.1 27.1



#36
 Benzene
 Concen: 0.04 ppbv
 RT: 7.16 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VL031268.D
 Acq: 20 Dec 2017 13:25

Tgt Ion: 78 Resp: 17796
 Ion Ratio Lower Upper
 78 100
 77 30.4 18.1 27.1#
 50 18.5 14.6 21.8





#37

1,2-Dichloroethane

Concen: 0.05 ppbv

RT: 6.57 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

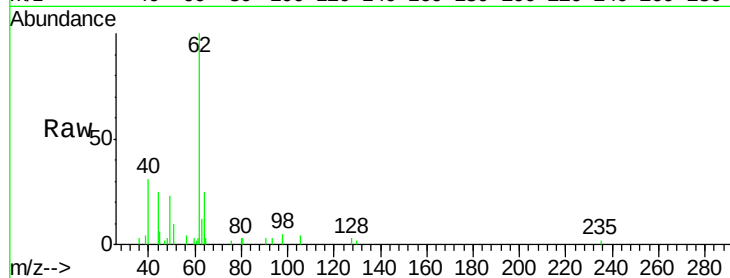
QC121317 CAN 10428

Tgt Ion: 62 Resp: 11846

Ion Ratio Lower Upper

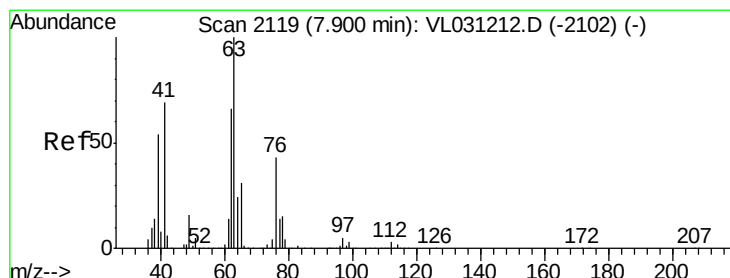
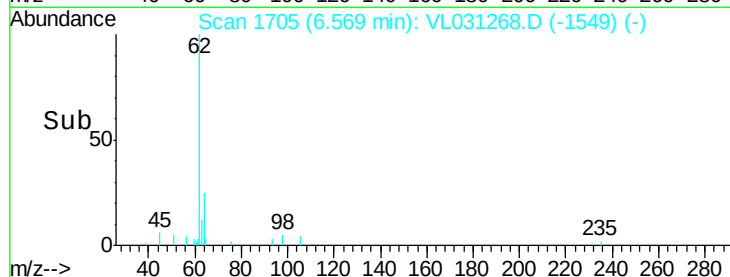
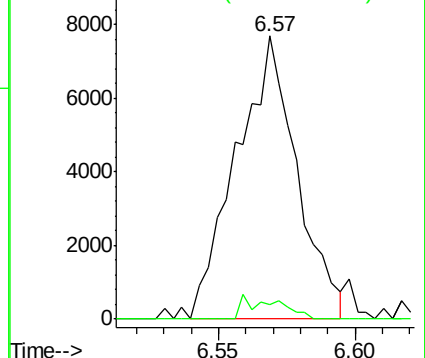
62 100

98 4.9 5.4 8.2#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#39

1,2-Dichloropropane

Concen: 6.89 ppbv

RT: 7.45 min Scan# 1979

Delta R.T. -0.45 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

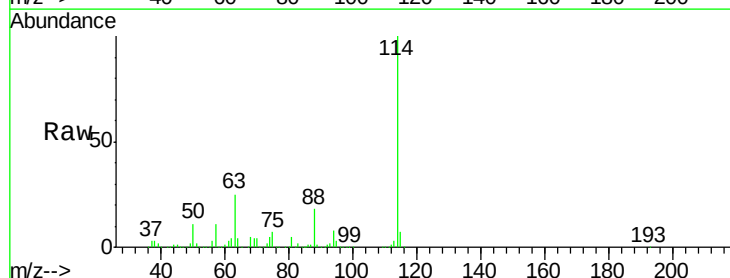
Tgt Ion: 63 Resp: 1019915

Ion Ratio Lower Upper

63 100

41 0.0 55.2 82.8#

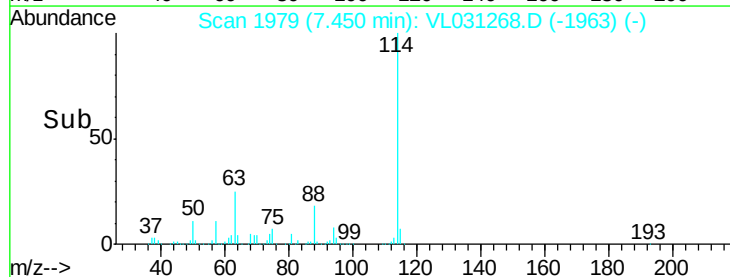
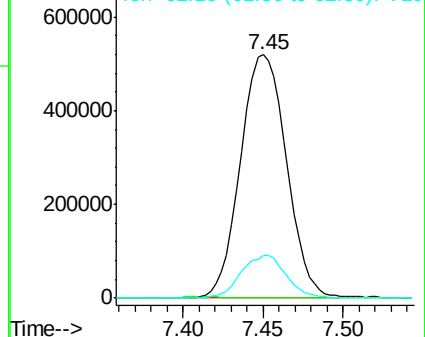
62 17.6 53.0 79.4#

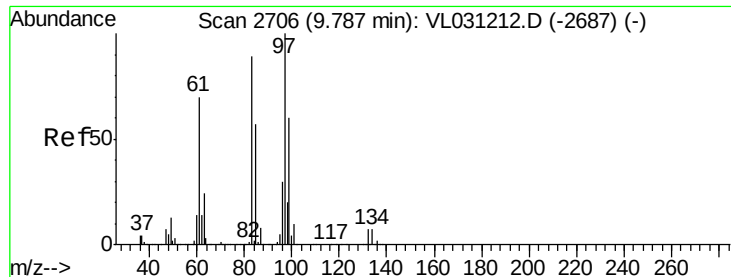


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#47

1,1,2-Trichloroethane

Concen: 0.03 ppbv

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

Tgt Ion: 97 Resp: 4814

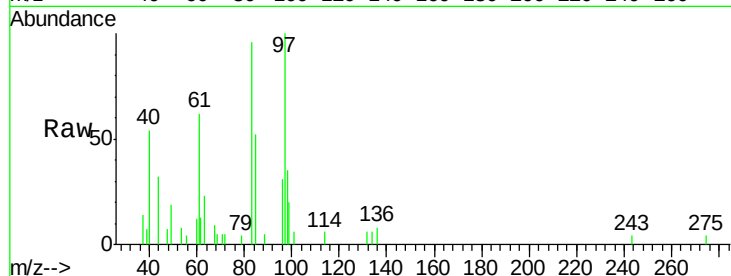
Ion Ratio Lower Upper

97 100

83 108.3 71.0 106.4#

85 50.2 45.3 67.9

99 6.6 47.8 71.6#

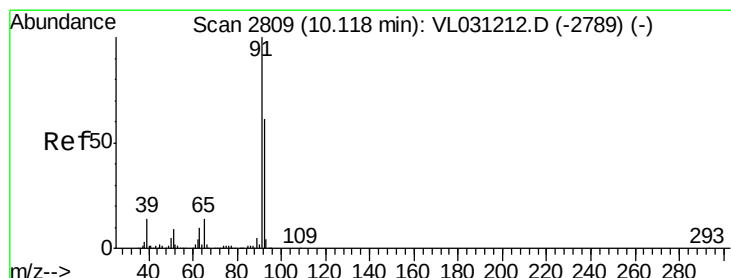
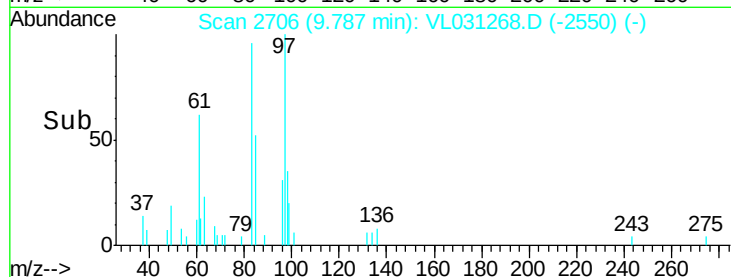
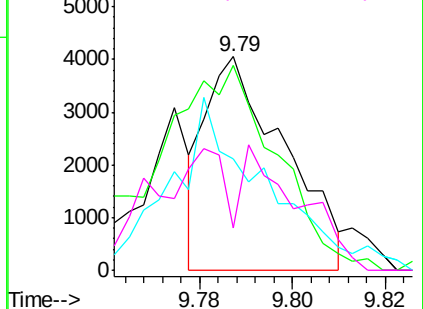


Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#53

Toluene

Concen: 0.04 ppbv

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VL031268.D

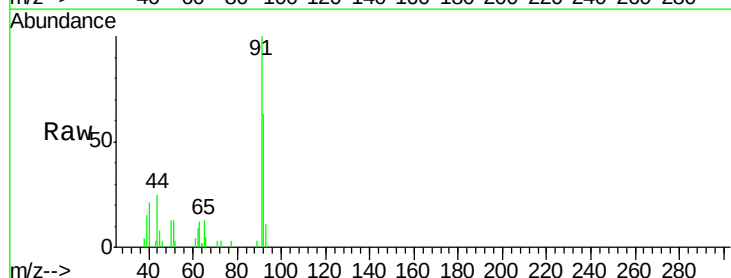
Acq: 20 Dec 2017 13:25

Tgt Ion: 91 Resp: 17552

Ion Ratio Lower Upper

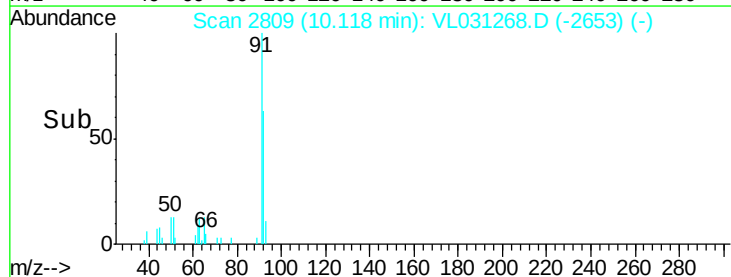
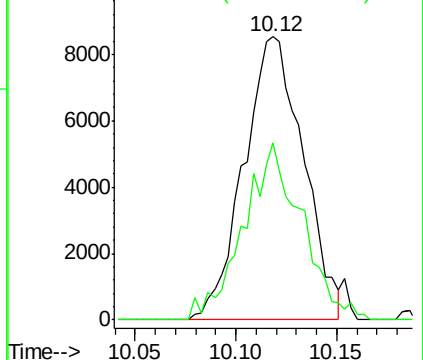
91 100

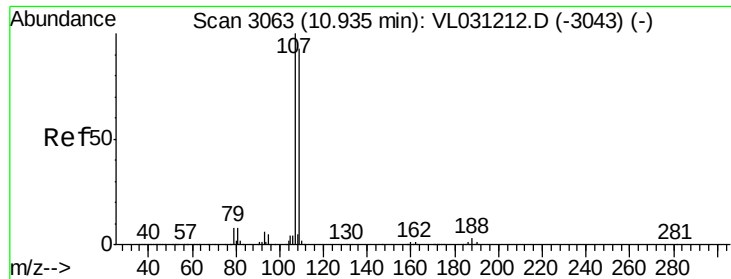
92 61.2 49.1 73.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#54

1,2-Dibromoethane

Concen: 0.03 ppbv

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

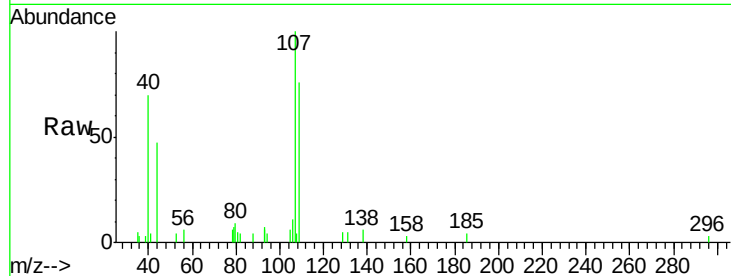
QC121317 CAN 10428

Tgt Ion:107 Resp: 7055

Ion Ratio Lower Upper

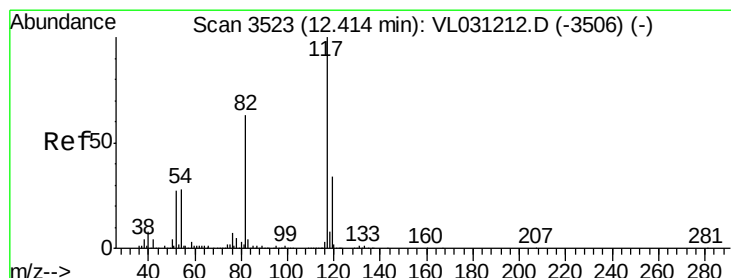
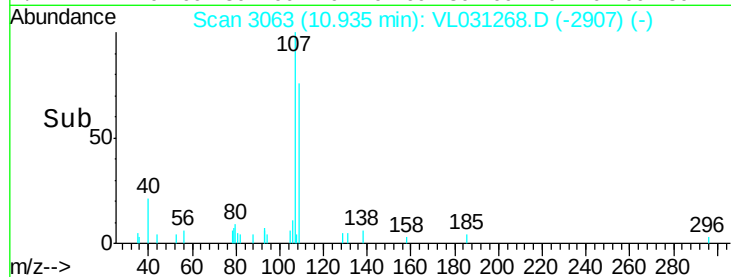
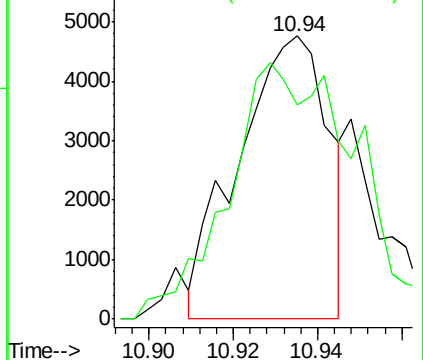
107 100

109 60.3 74.7 112.1#



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

Chlorobenzene-d5

Concen: 10.00 ppbv

RT: 12.41 min Scan# 3523

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

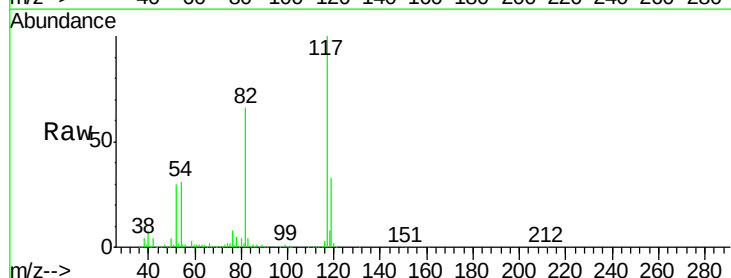
Tgt Ion:117 Resp: 3883859

Ion Ratio Lower Upper

117 100

82 65.5 48.1 72.1

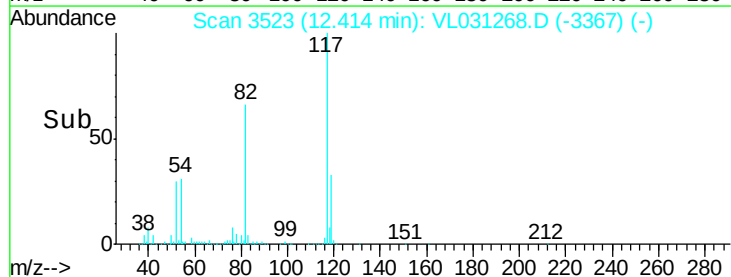
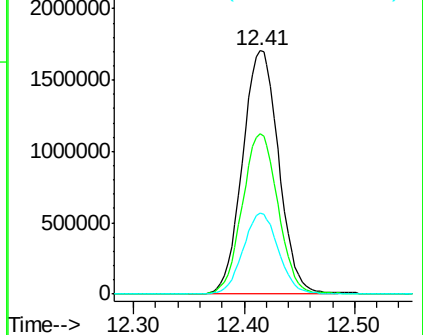
119 32.7 23.1 34.7

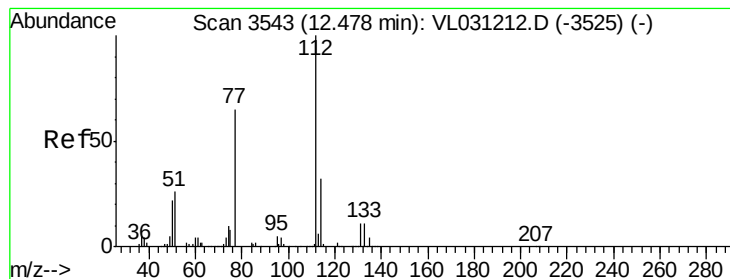


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#57

Chlorobenzene

Concen: 0.04 ppbv

RT: 12.48 min Scan# 3542

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

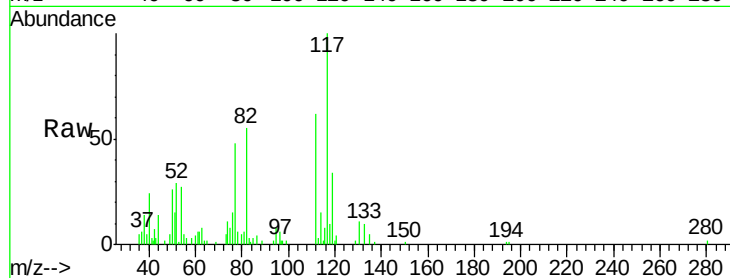
MSVOA_L

ClientSampleId :

QC121317 CAN 10428

Tgt Ion:112 Resp: 15532

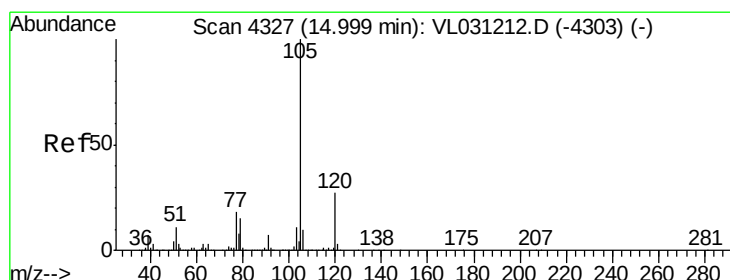
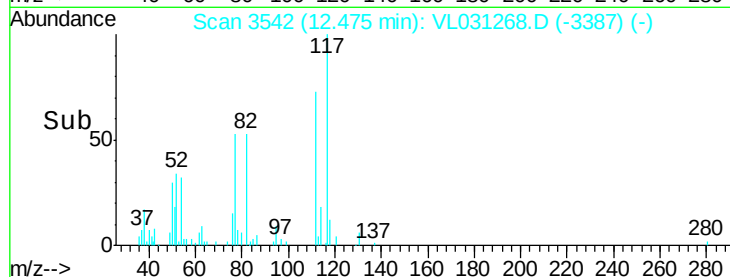
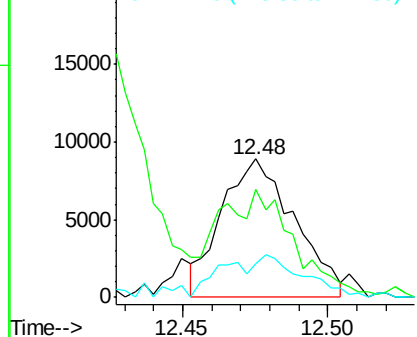
Ion	Ratio	Lower	Upper
112	100		
77	75.4	52.9	79.3
114	20.3	29.1	35.5#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#62

Isopropylbenzene

Concen: 0.03 ppbv

RT: 14.99 min Scan# 4325

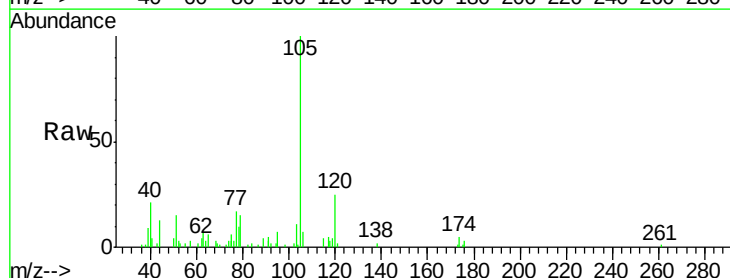
Delta R.T. -0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

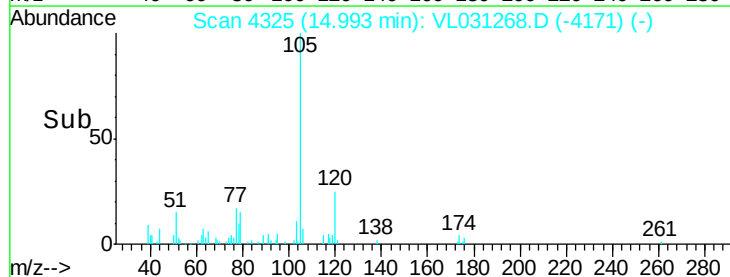
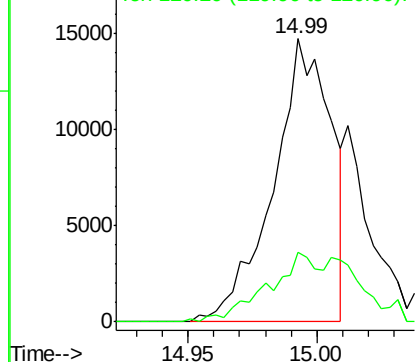
Tgt Ion:105 Resp: 23022

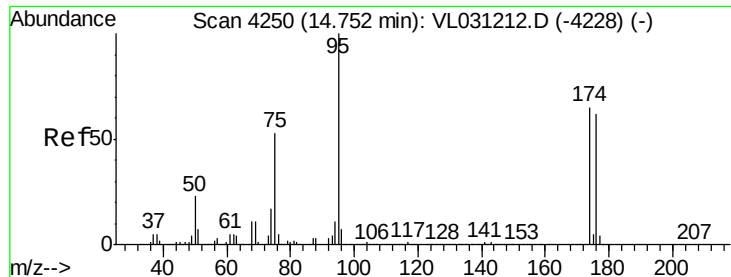
Ion	Ratio	Lower	Upper
105	100		
120	36.8	21.0	31.6#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#68

1-Bromo-4-Fluorobenzene

Concen: 11.30 ppbv

RT: 14.75 min Scan# 4250

Delta R.T. 0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

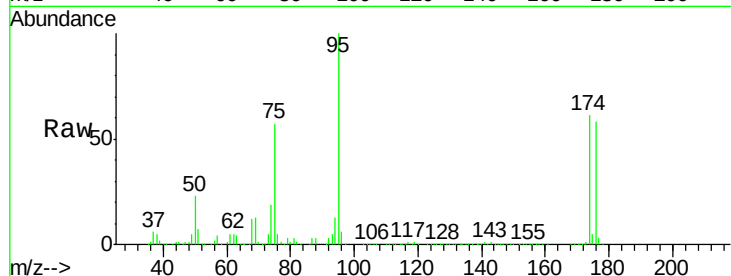
Tgt Ion: 95 Resp: 3122086

Ion Ratio Lower Upper

95 100

174 61.4 52.5 78.7

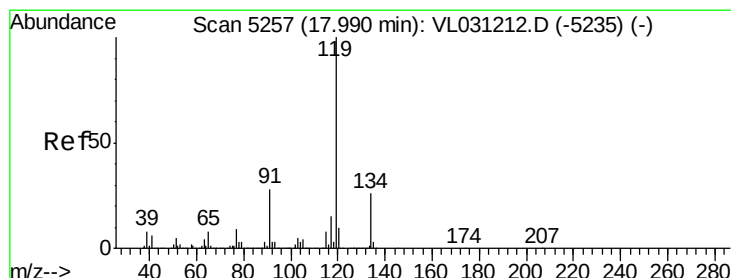
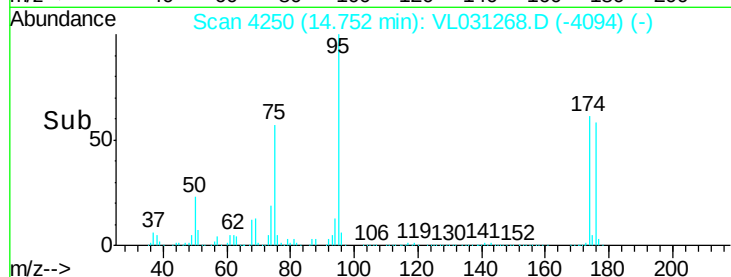
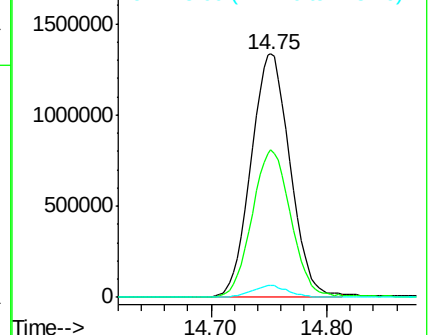
175 4.6 4.1 6.1



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V



#69

p-Isopropyltoluene

Concen: 0.03 ppbv

RT: 17.98 min Scan# 5254

Delta R.T. -0.01 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

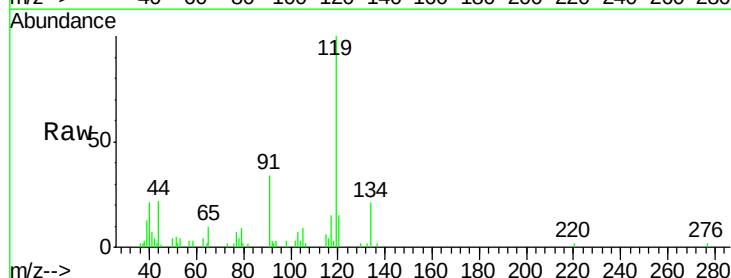
Tgt Ion: 119 Resp: 23867

Ion Ratio Lower Upper

119 100

134 24.2 20.7 31.1

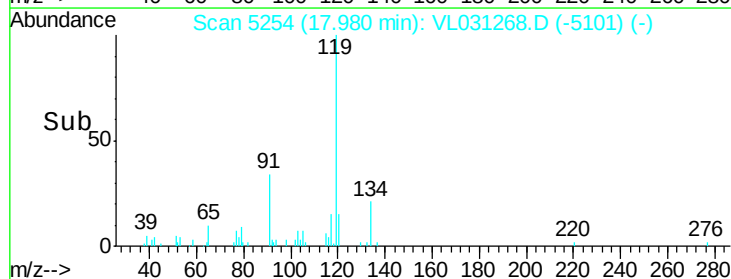
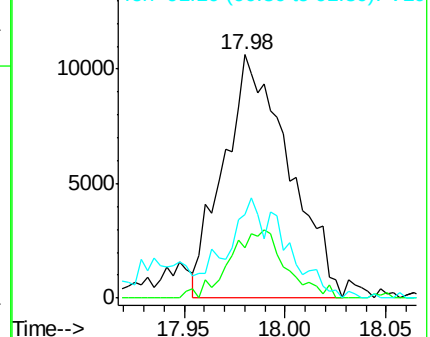
91 50.9 22.3 33.5#

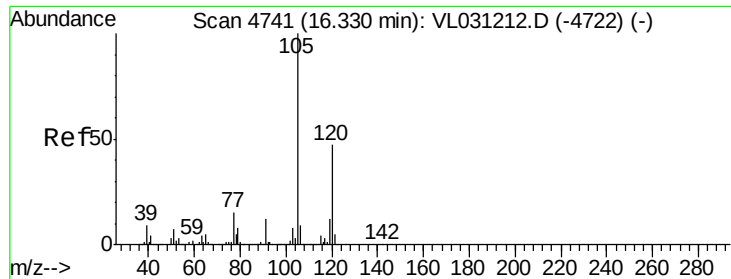


Abundance Ion 119.10 (118.80 to 119.80): V

Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 0.03 ppbv

RT: 16.33 min Scan# 4740

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

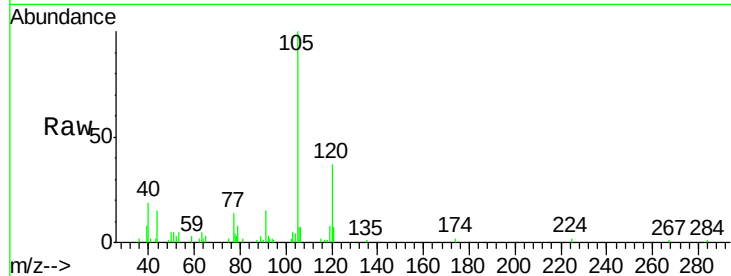
QC121317 CAN 10428

Tgt Ion:105 Resp: 16015

Ion Ratio Lower Upper

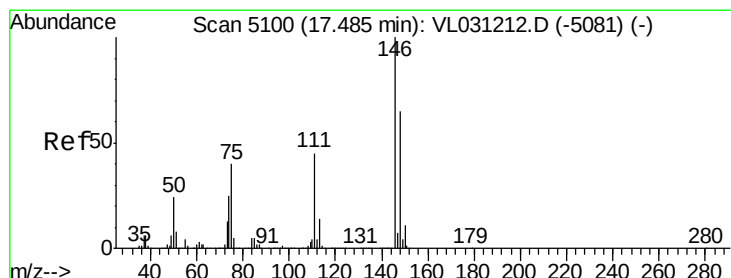
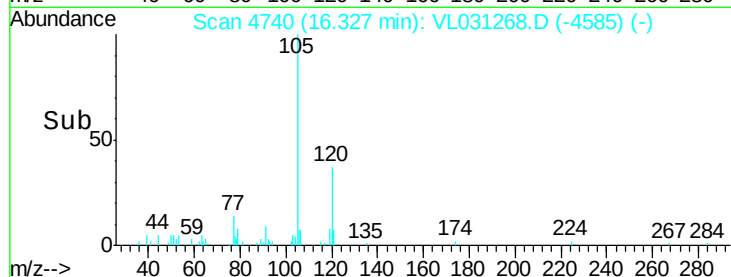
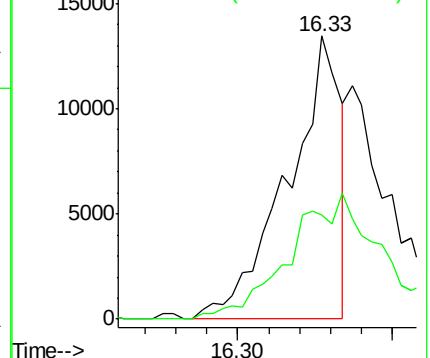
105 100

120 43.2 37.8 56.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#76

1,4-Dichlorobenzene

Concen: 0.04 ppbv

RT: 17.48 min Scan# 5099

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

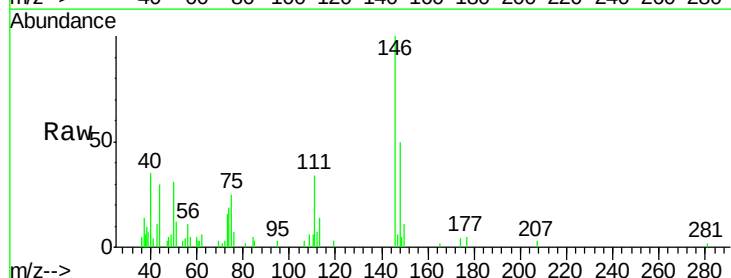
Tgt Ion:146 Resp: 12103

Ion Ratio Lower Upper

146 100

111 60.7 22.1 66.1

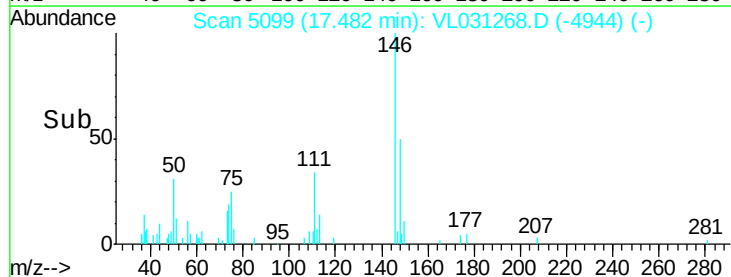
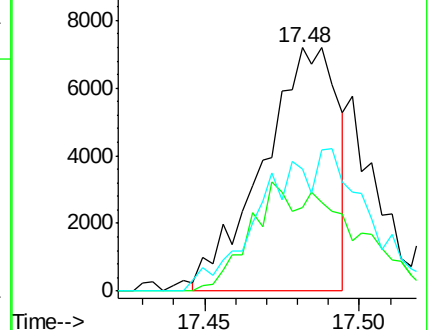
148 0.0 32.0 96.0#

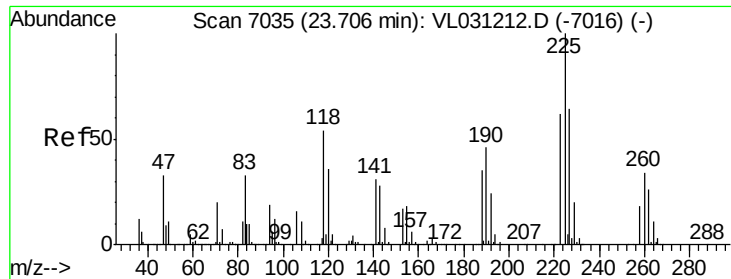


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#78

Hexachloro-1,3-Butadiene

Concen: 0.04 ppbv

RT: 23.70 min Scan# 7034

Delta R.T. -0.00 min

Lab File: VL031268.D

Acq: 20 Dec 2017 13:25

Instrument :

MSVOA_L

ClientSampleId :

QC121317 CAN 10428

Tgt Ion:225 Resp: 2814

Ion Ratio Lower Upper

225 100

223 83.3 50.4 75.6#

227 0.0 51.3 76.9#

