

Data File : VL032382.D
Acq On : 16 Aug 2018 18:22
Operator : SY/AP
Sample : J4266-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1000

Quant Time: Aug 17 03:18:37 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081518AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 15 14:58:02 2018
QLast Update : Wed Aug 15 14:58:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.81	49	1683425	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.35	114	3401608	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.31	117	3735411	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.65	95	3677767	12.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	129.10%

Target Compounds

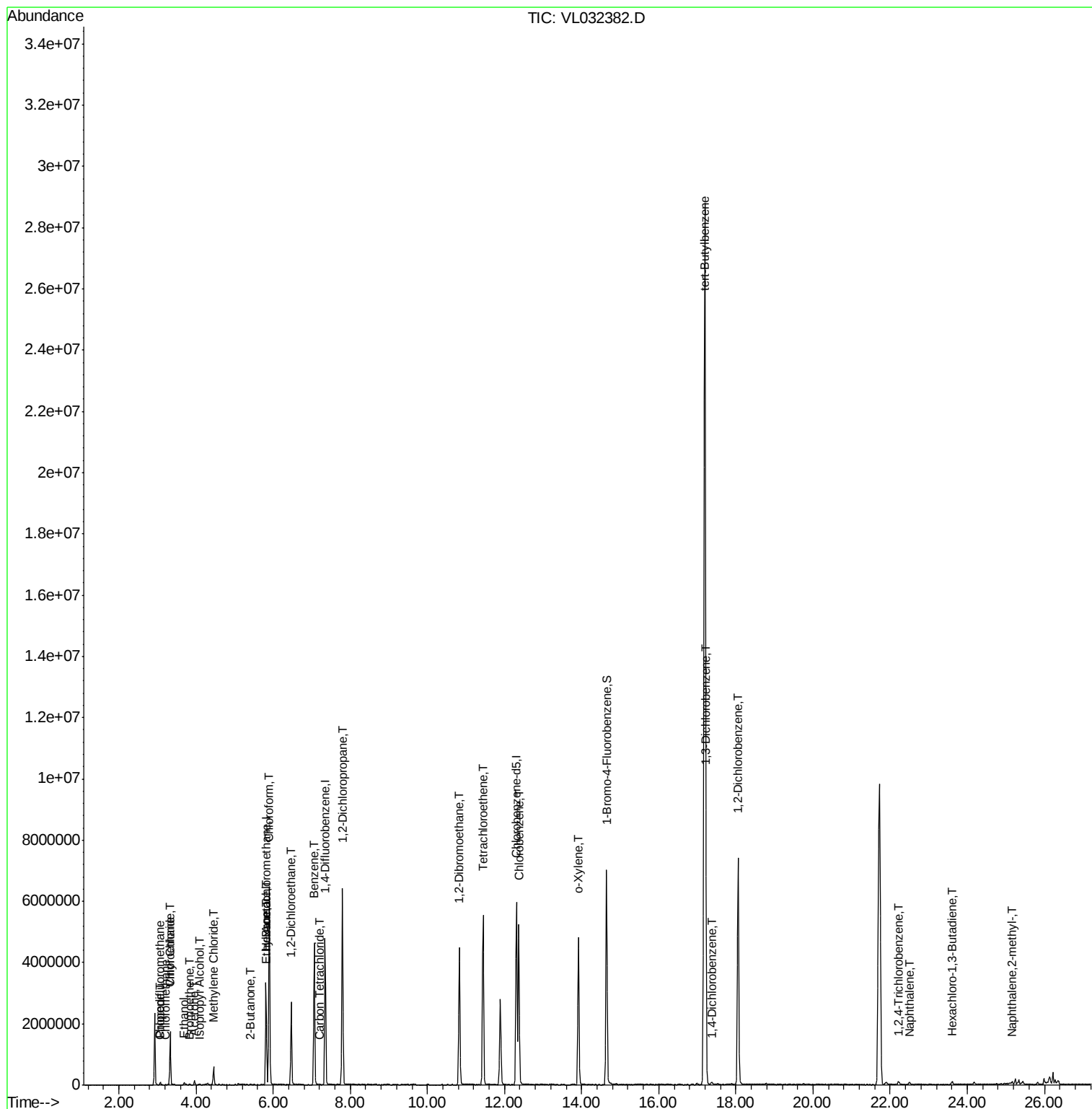
					Qvalue
2) Dichlorodifluoromethane	3.05	85	327	Below Cal	94
3) Chlorodifluoromethane	3.04	51	17828	0.114 ppbv	93
4) Chloromethane	3.21	50	3556	0.038 ppbv	91
5) Vinyl Chloride	3.33	62	1498483	16.938 ppbv	96
7) Chloroethane	3.33	64	482907	15.566 ppbv #	44
9) Propene	3.07	41	2183	0.033 ppbv #	1
13) Ethanol	3.70	45	76084	4.439 ppbv	99
14) Bromoethene	3.83	108	7460	0.136 ppbv #	89
15) Acetone	3.95	43	151138	0.945 ppbv	96
19) Isopropyl Alcohol	4.09	45	14345	0.133 ppbv #	1
20) Methylene Chloride	4.46	84	204974	3.393 ppbv	96
25) Ethyl Acetate	5.84	43	75113	0.219 ppbv #	85
26) Hexane	5.83	57	92910	0.608 ppbv #	45
29) Chloroform	5.90	83	4661290	20.815 ppbv	98
34) 2-Butanone	5.40	43	13496	0.058 ppbv #	91
35) Carbon Tetrachloride	7.19	117	9218	0.046 ppbv	97
36) Benzene	7.06	78	3866482	13.407 ppbv	99
37) 1,2-Dichloroethane	6.47	62	2293224	13.106 ppbv	98
39) 1,2-Dichloropropane	7.80	63	2476114	20.555 ppbv	99
52) Tetrachloroethene	11.44	164	1346708	15.834 ppbv	99
54) 1,2-Dibromoethane	10.83	107	4045016	23.752 ppbv	98
57) Chlorobenzene	12.37	112	3196086	11.366 ppbv	99
60) o-Xylene	13.92	91	3758441	10.016 ppbv	97
65) tert-Butylbenzene	17.19	119	480287	1.053 ppbv #	22
75) 1,3-Dichlorobenzene	17.23	146	26211	0.102 ppbv #	22
76) 1,4-Dichlorobenzene	17.38	146	10520	0.043 ppbv #	1
77) 1,2-Dichlorobenzene	18.06	146	3874682	15.753 ppbv	99
78) Hexachloro-1,3-Butadiene	23.60	225	16309	0.198 ppbv #	74
79) Naphthalene	22.50	128	95540	0.558 ppbv	97
80) Naphthalene,2-methyl-	25.17	142	42355	0.496 ppbv	94
81) 1,2,4-Trichlorobenzene	22.21	180	22798	0.138 ppbv #	2

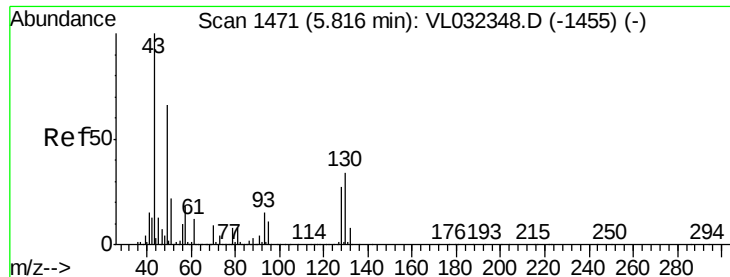
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.81 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

1000

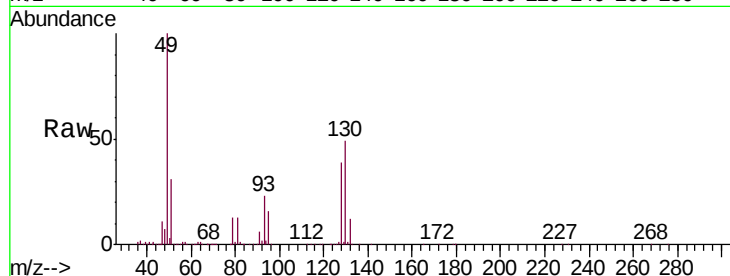
Tgt Ion: 49 Resp: 1683425

Ion Ratio Lower Upper

49 100

128 40.5 20.5 61.6

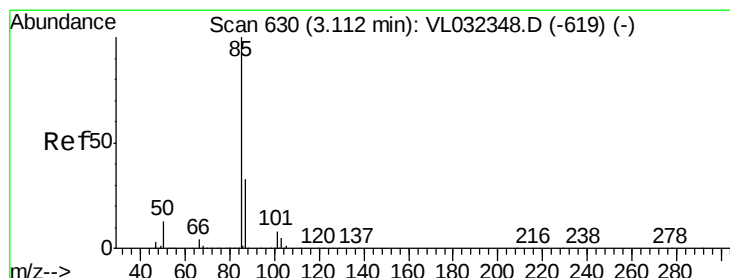
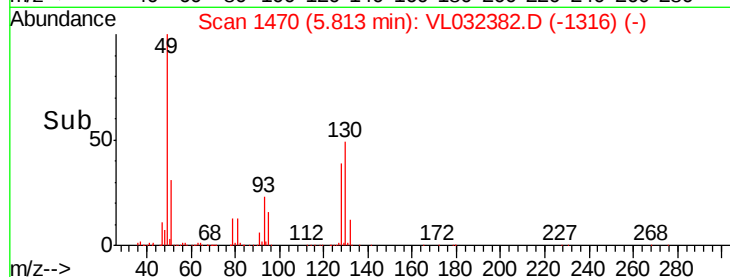
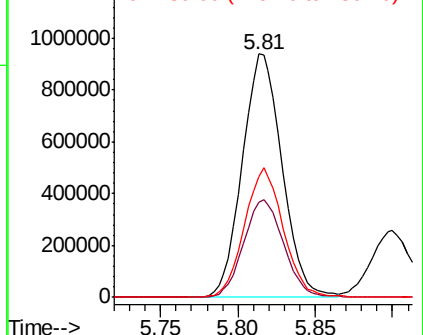
130 52.1 26.2 78.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 3.05 min Scan# 610

Delta R.T. -0.06 min

Lab File: VL032382.D

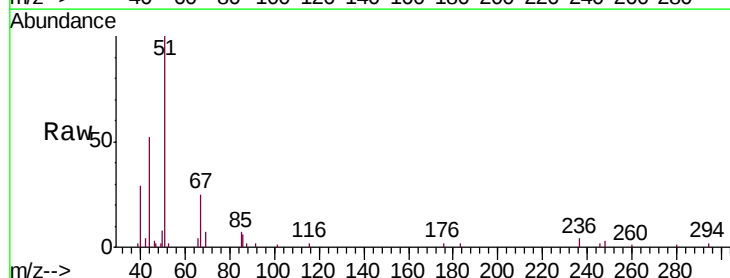
Acq: 16 Aug 2018 18:22

Tgt Ion: 85 Resp: 327

Ion Ratio Lower Upper

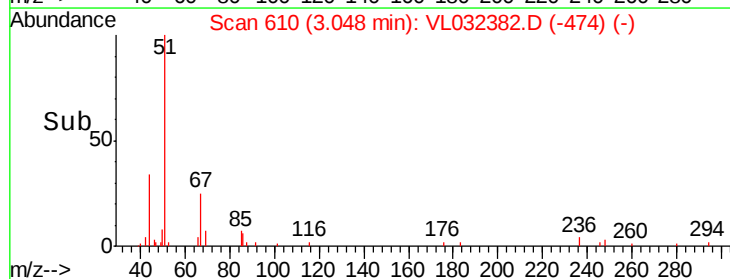
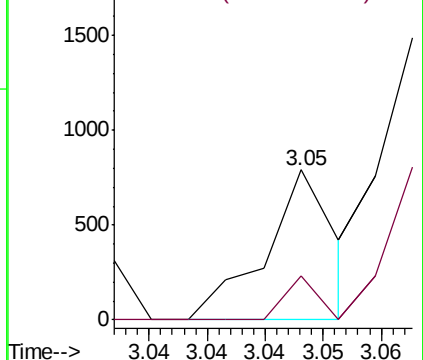
85 100

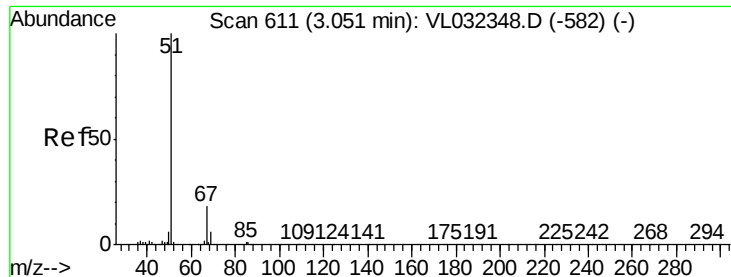
87 29.7 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.114 ppbv

RT: 3.04 min Scan# 609

Delta R.T. -0.01 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

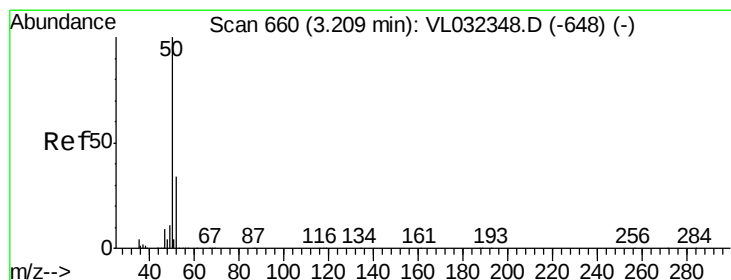
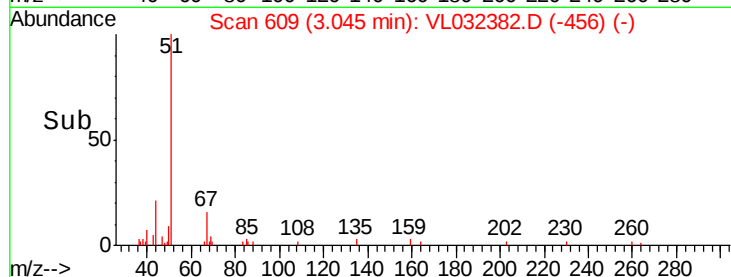
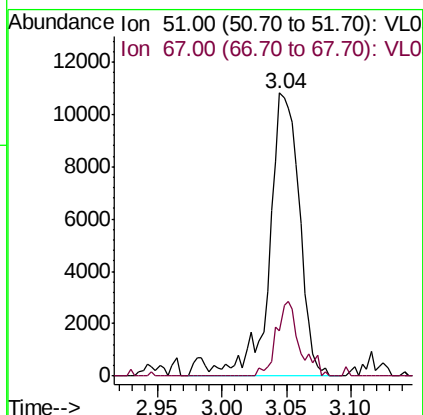
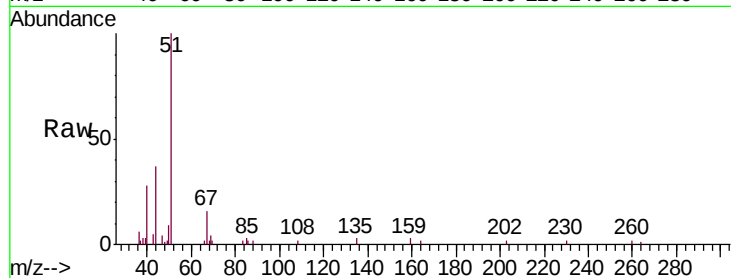
1000

Tgt Ion: 51 Resp: 17828

Ion Ratio Lower Upper

51 100

67 20.3 13.7 20.5



#4

Chloromethane

Concen: 0.038 ppbv

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VL032382.D

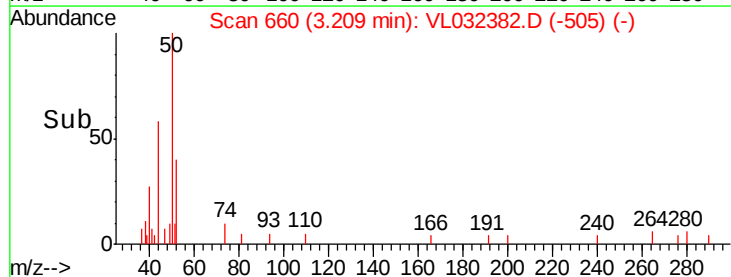
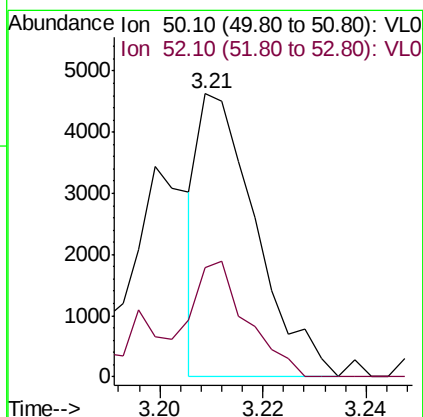
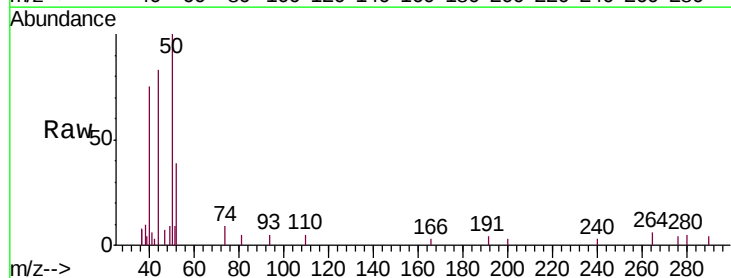
Acq: 16 Aug 2018 18:22

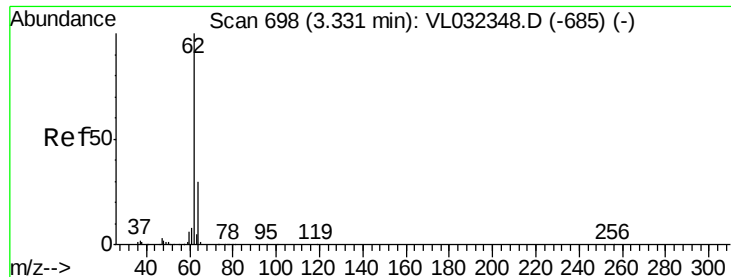
Tgt Ion: 50 Resp: 3556

Ion Ratio Lower Upper

50 100

52 38.6 26.8 40.2





#5

Vinyl Chloride

Concen: 16.938 ppbv

RT: 3.33 min Scan# 697

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

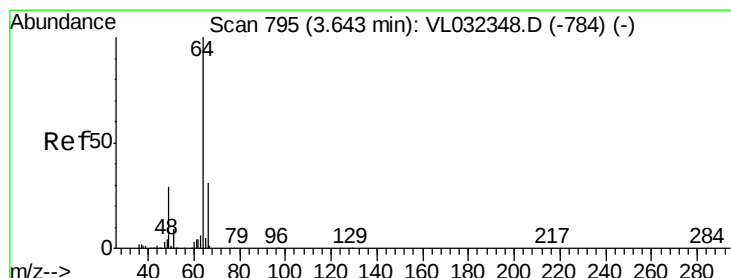
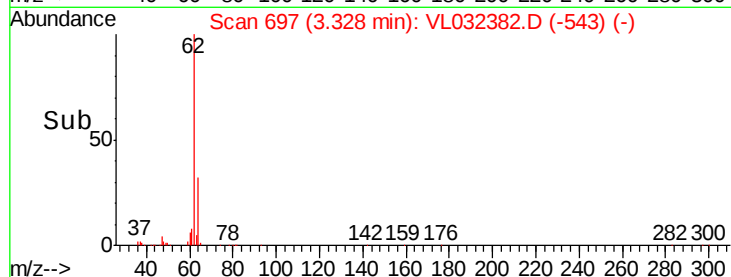
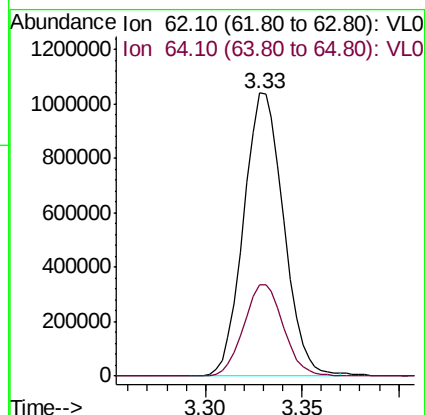
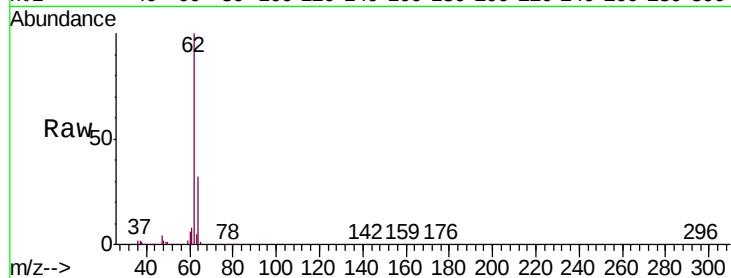
1000

Tgt Ion: 62 Resp: 1498483

Ion Ratio Lower Upper

62 100

64 32.4 24.2 36.2



#7

Chloroethane

Concen: 15.566 ppbv

RT: 3.33 min Scan# 698

Delta R.T. -0.31 min

Lab File: VL032382.D

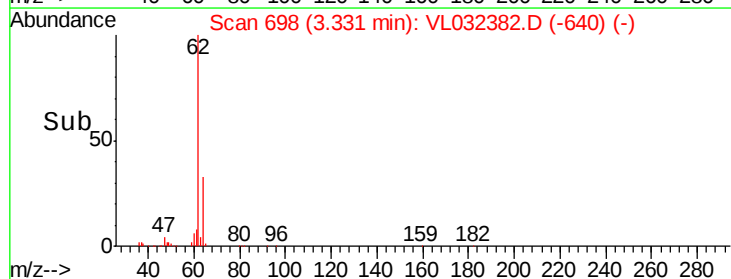
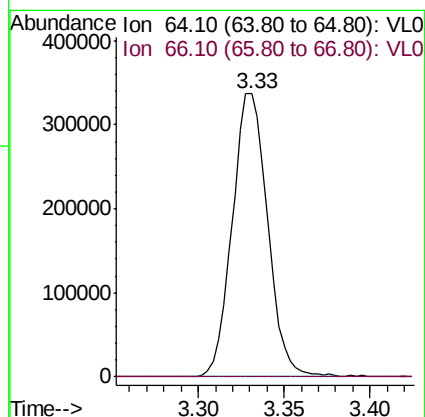
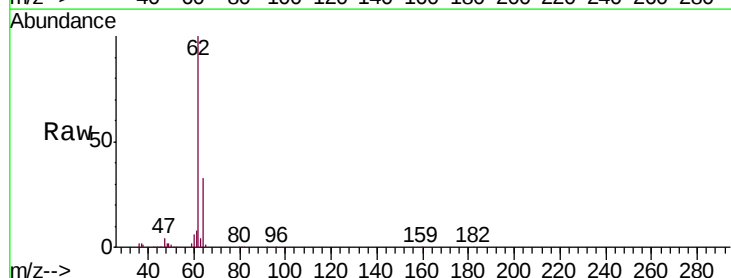
Acq: 16 Aug 2018 18:22

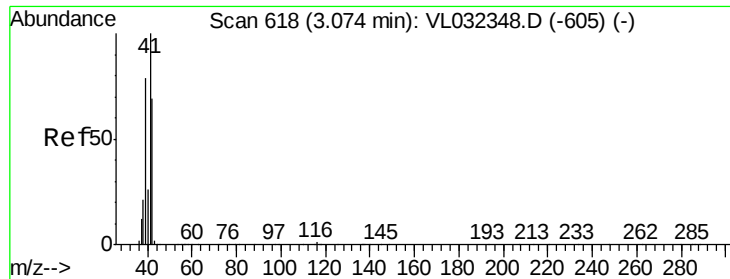
Tgt Ion: 64 Resp: 482907

Ion Ratio Lower Upper

64 100

66 0.0 24.6 36.8#





#9

Propene

Concen: 0.033 ppbv

RT: 3.07 min Scan# 618

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

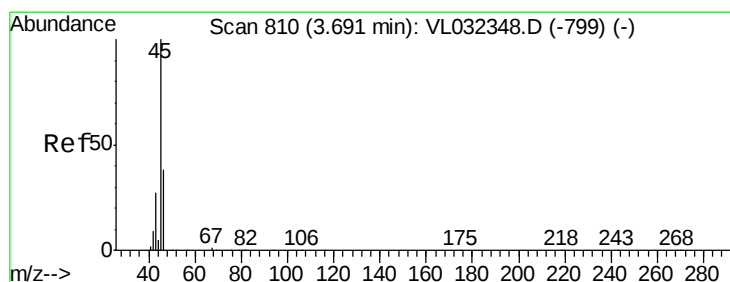
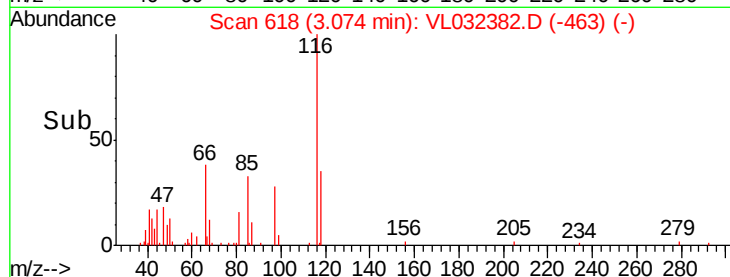
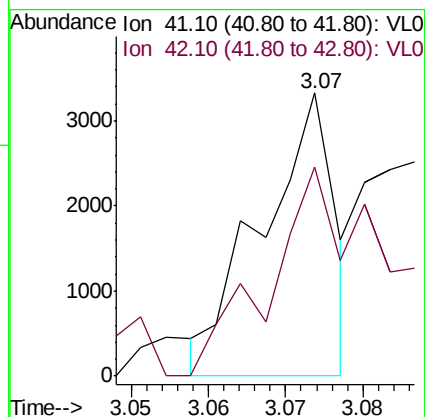
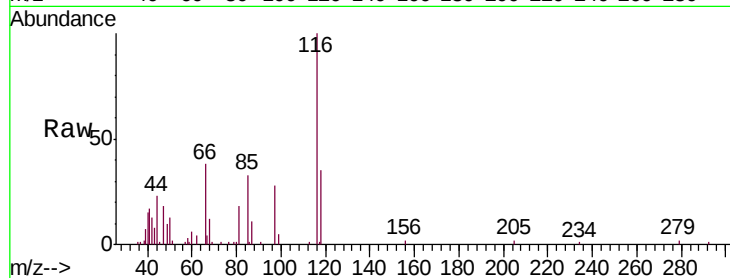
1000

Tgt Ion: 41 Resp: 2183

Ion Ratio Lower Upper

41 100

42 165.9 55.9 83.9#



#13

Ethanol

Concen: 4.439 ppbv

RT: 3.70 min Scan# 812

Delta R.T. 0.01 min

Lab File: VL032382.D

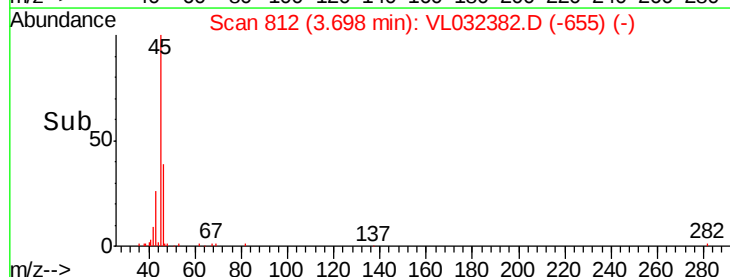
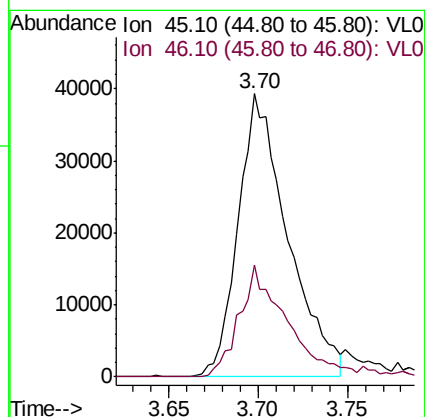
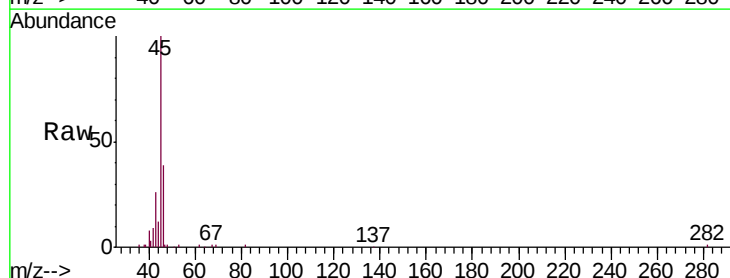
Acq: 16 Aug 2018 18:22

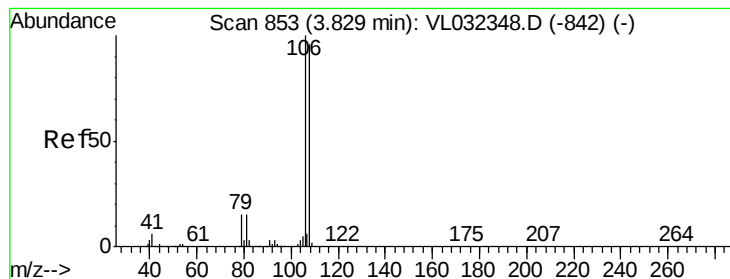
Tgt Ion: 45 Resp: 76084

Ion Ratio Lower Upper

45 100

46 39.7 15.6 62.4





#14

Bromoethene

Concen: 0.136 ppbv

RT: 3.83 min Scan# 854

Delta R.T. 0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

1000

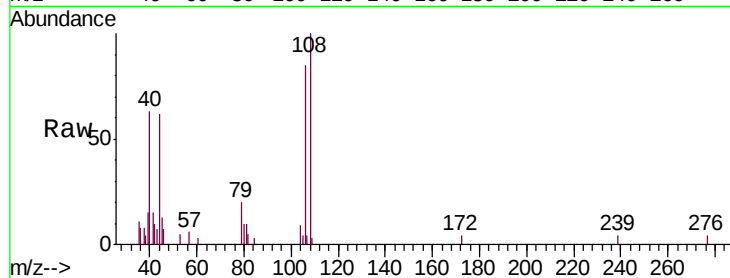
Tgt Ion: 108 Resp: 7460

Ion Ratio Lower Upper

108 100

106 97.6 85.7 128.5

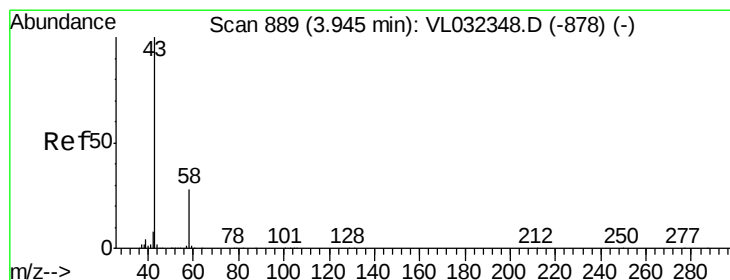
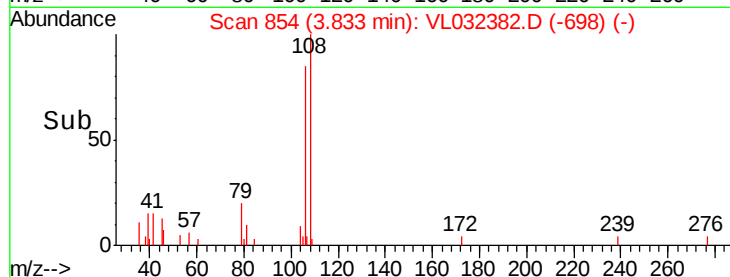
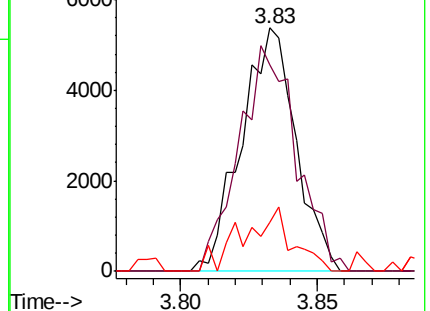
79 26.4 13.1 19.7#



Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VLO



#15

Acetone

Concen: 0.945 ppbv

RT: 3.95 min Scan# 892

Delta R.T. 0.01 min

Lab File: VL032382.D

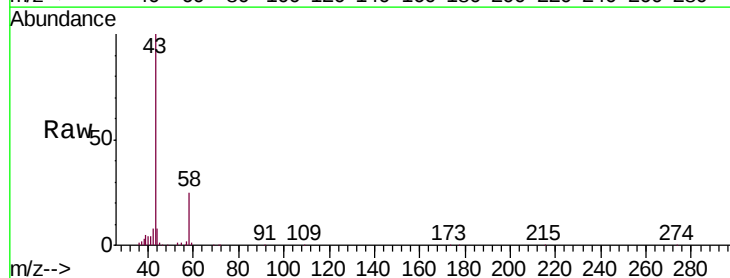
Acq: 16 Aug 2018 18:22

Tgt Ion: 43 Resp: 151138

Ion Ratio Lower Upper

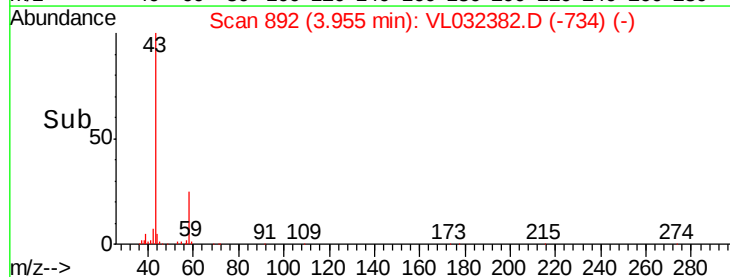
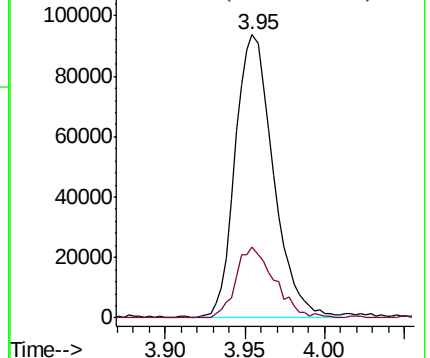
43 100

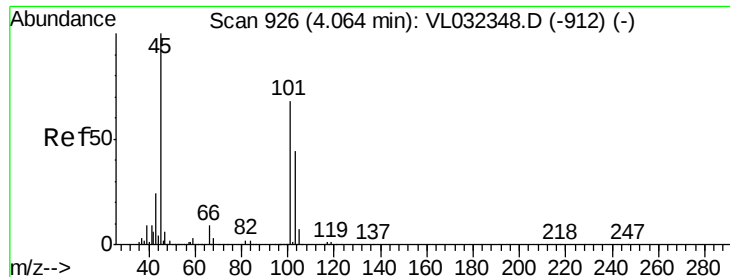
58 25.9 22.4 33.6



Abundance Ion 43.10 (42.80 to 43.80): VLO

Ion 58.10 (57.80 to 58.80): VLO





#19

Isopropyl Alcohol

Concen: 0.133 ppbv

RT: 4.09 min Scan# 934

Delta R.T. 0.03 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

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MSVOA_L

ClientSampleId :

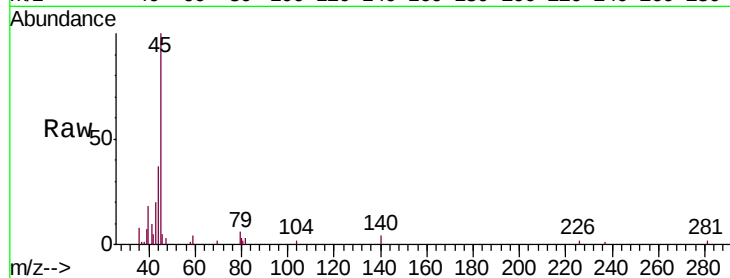
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Tgt Ion: 45 Resp: 14345

Ion Ratio Lower Upper

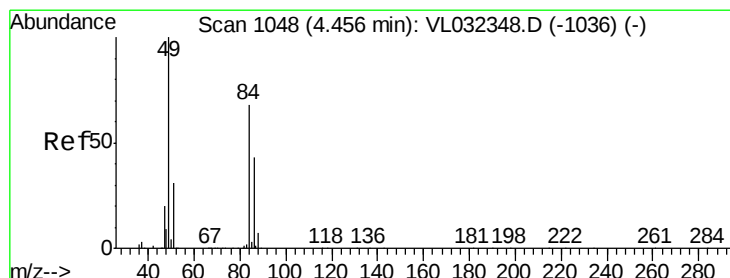
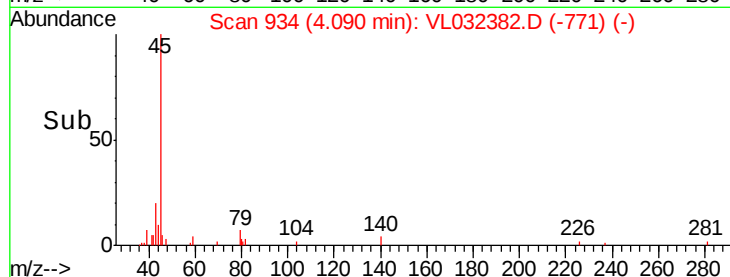
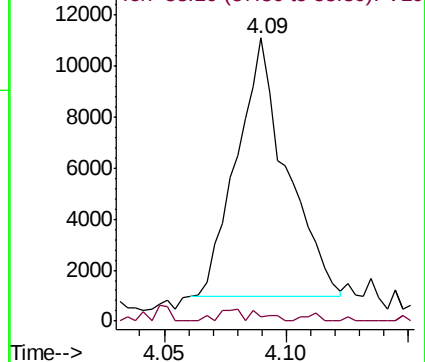
45 100

58 274.0 1.4 2.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 3.393 ppbv

RT: 4.46 min Scan# 1048

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Tgt Ion: 84 Resp: 204974

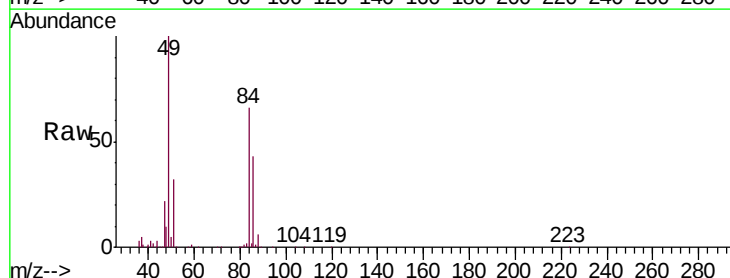
Ion Ratio Lower Upper

84 100

49 151.7 117.3 175.9

51 48.6 36.6 55.0

86 64.9 49.8 74.8

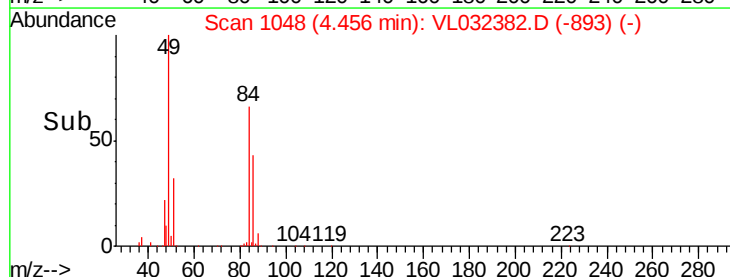
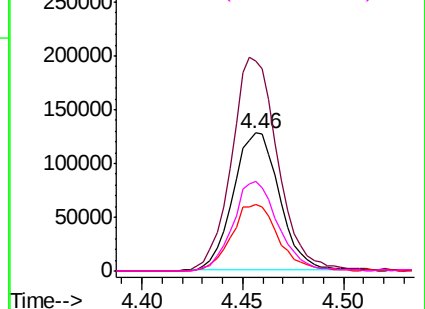


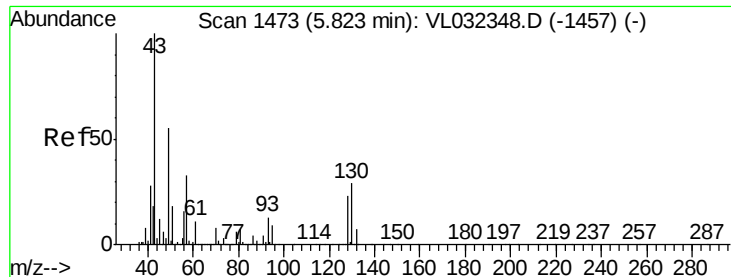
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

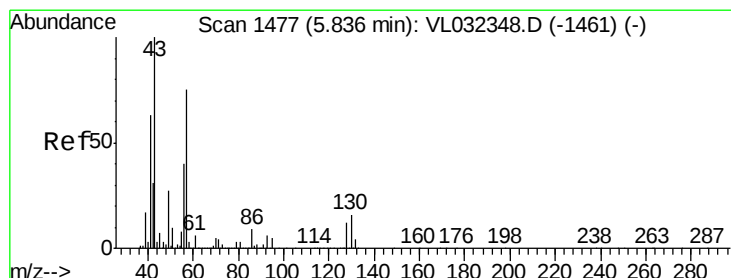
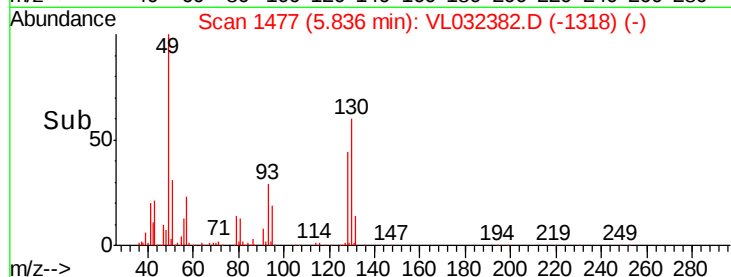
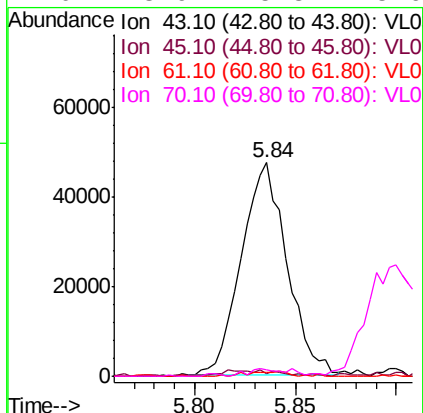
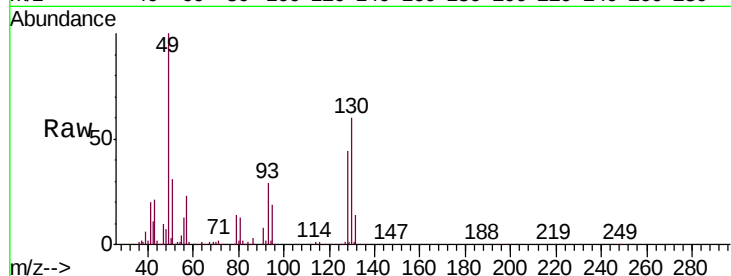




#25
Ethyl Acetate
Concen: 0.219 ppbv
RT: 5.84 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

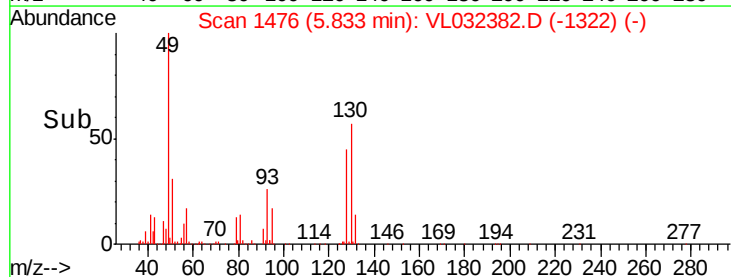
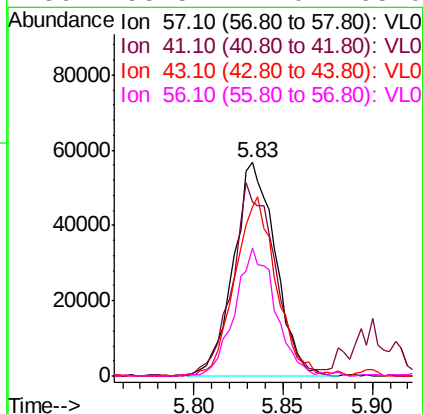
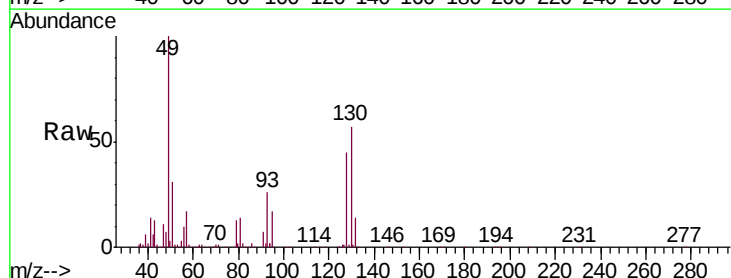
Instrument :
MSVOA_L
ClientSampleId :
1000

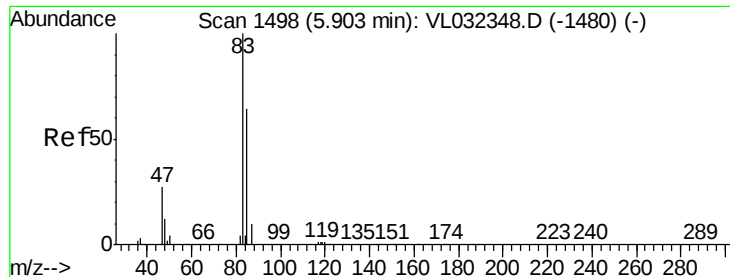
Tgt Ion:	43	Resp:	75113
Ion	Ratio	Lower	Upper
43	100		
45	4.2	7.9	11.9#
61	2.2	7.4	11.2#
70	3.9	5.8	8.6#



#26
Hexane
Concen: 0.608 ppbv
RT: 5.83 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Tgt Ion:	57	Resp:	92910
Ion	Ratio	Lower	Upper
57	100		
41	92.8	68.0	102.0
43	84.4	175.3	262.9#
56	58.5	42.0	63.0





#29

Chloroform

Concen: 20.815 ppbv

RT: 5.90 min Scan# 1497

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

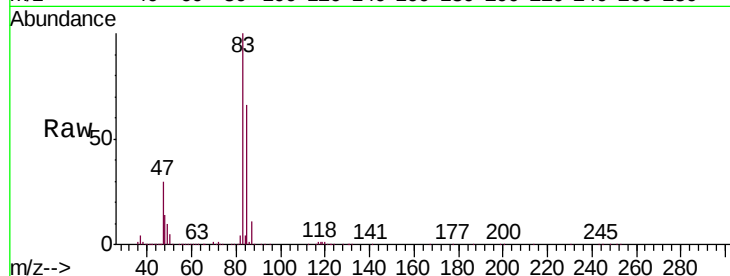
1000

Tgt Ion: 83 Resp: 4661290

Ion Ratio Lower Upper

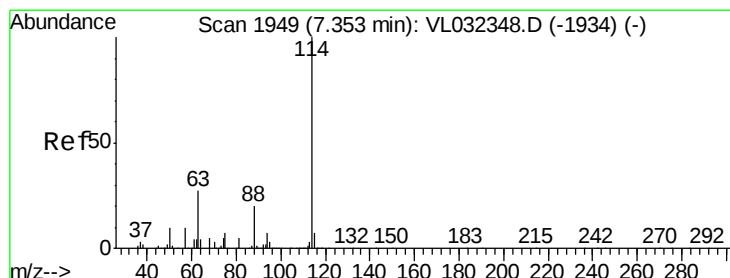
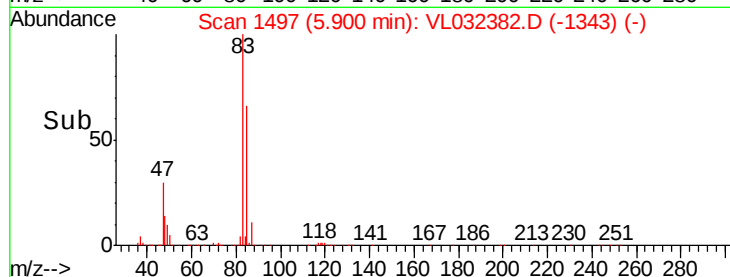
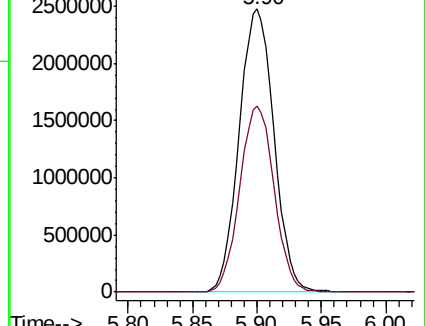
83 100

85 65.9 51.6 77.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.35 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

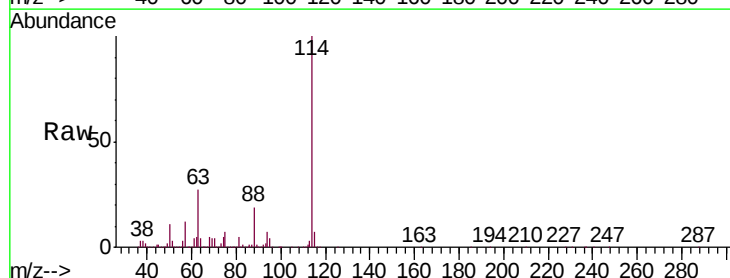
Tgt Ion: 114 Resp: 3401608

Ion Ratio Lower Upper

114 100

63 28.4 22.0 33.0

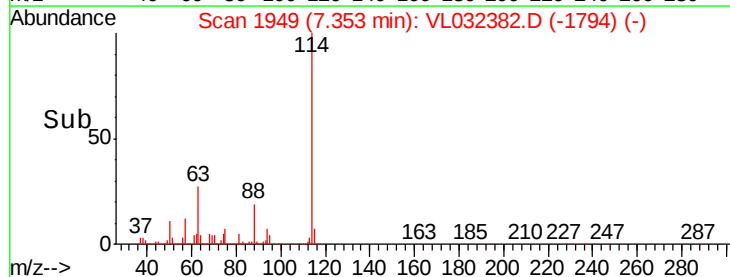
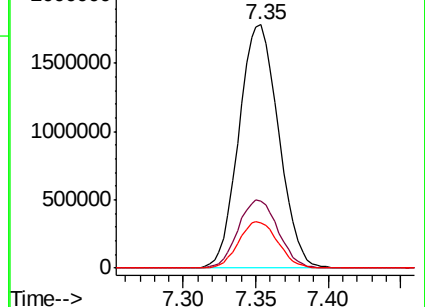
88 18.9 15.3 22.9

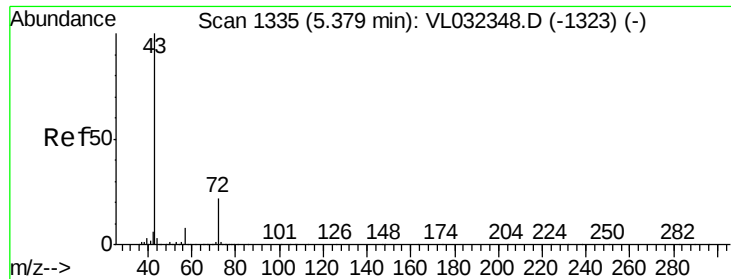


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

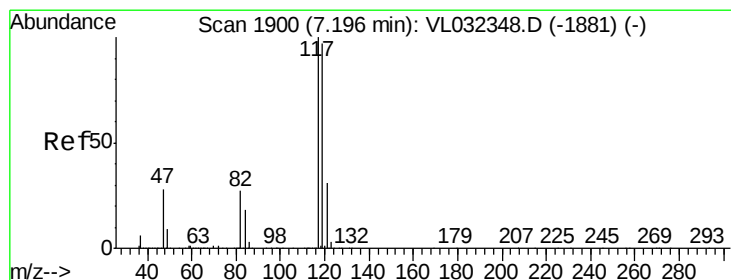
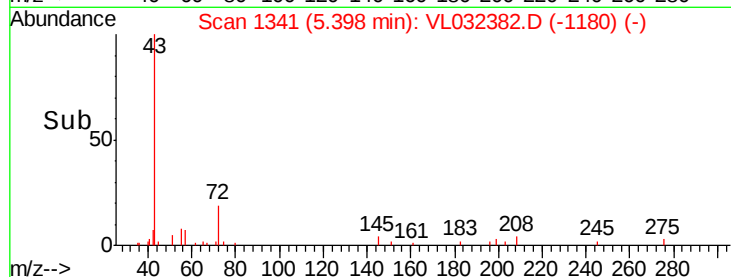
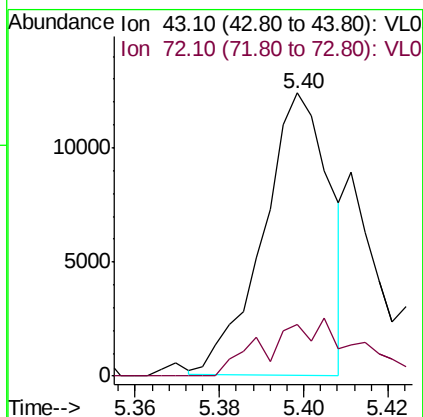
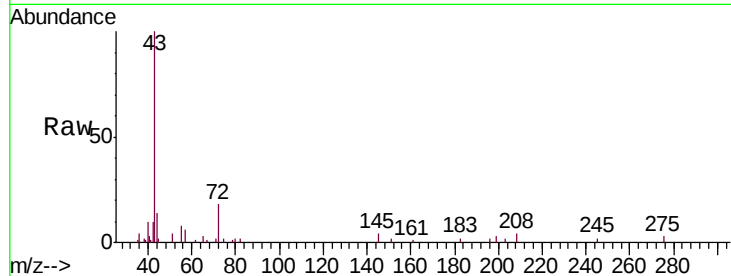




#34
2-Butanone
Concen: 0.058 ppbv
RT: 5.40 min Scan# 1341
Delta R.T. 0.02 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

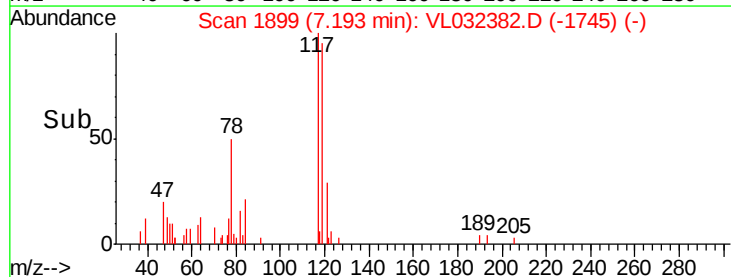
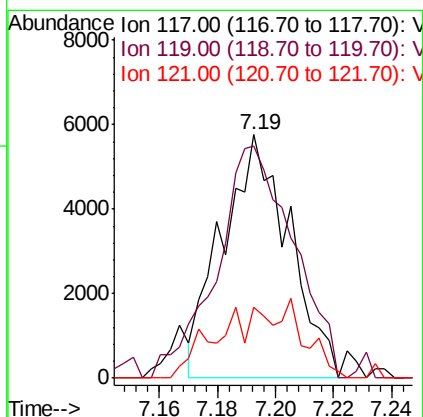
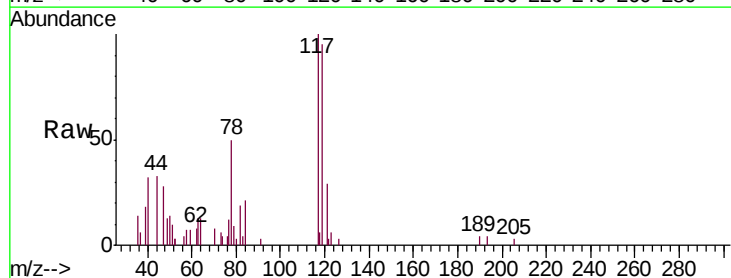
Instrument :
MSVOA_L
ClientSampled :
1000

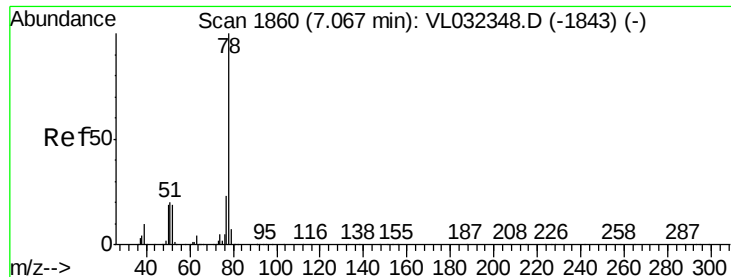
Tgt Ion: 43 Resp: 13496
Ion Ratio Lower Upper
43 100
72 26.9 17.9 26.9#



#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 7.19 min Scan# 1899
Delta R.T. -0.00 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Tgt Ion: 117 Resp: 9218
Ion Ratio Lower Upper
117 100
119 95.2 77.2 115.8
121 26.0 25.1 37.7





#36

Benzene

Concen: 13.407 ppbv

RT: 7.06 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

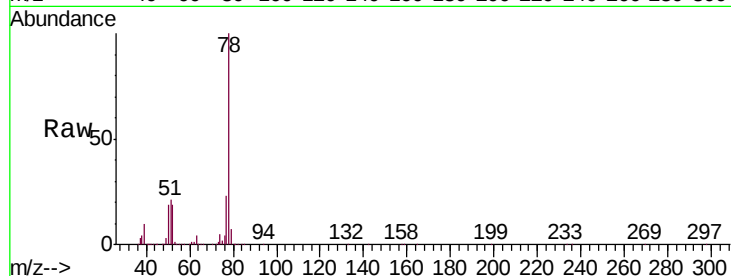
MSVOA_L

ClientSampleId :

1000

Tgt Ion: 78 Resp: 3866482

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.0	27.0
50	19.1	15.1	22.7

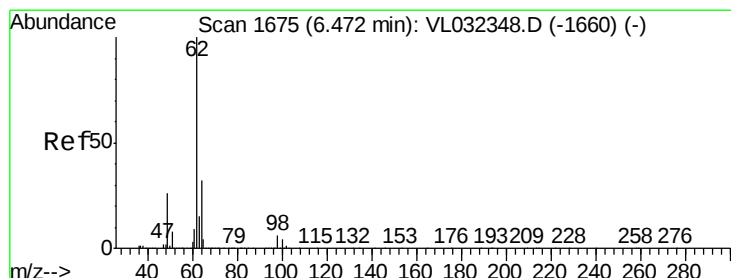
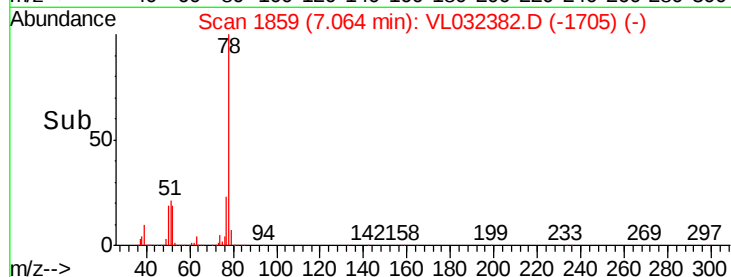
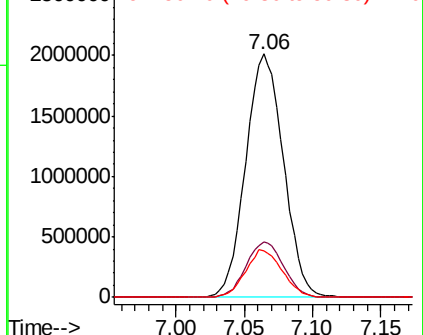


Abundance

Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#37

1,2-Dichloroethane

Concen: 13.106 ppbv

RT: 6.47 min Scan# 1674

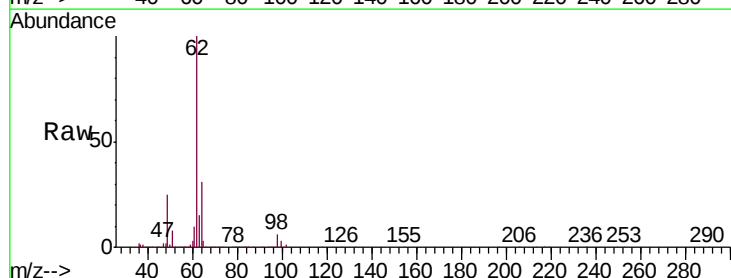
Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Tgt Ion: 62 Resp: 2293224

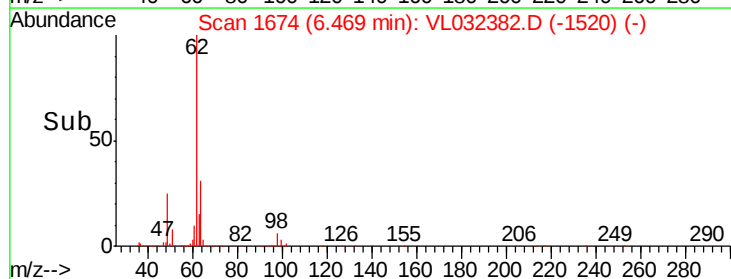
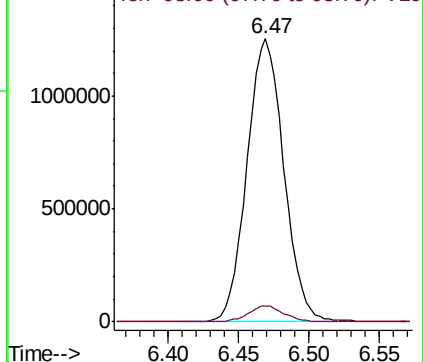
Ion	Ratio	Lower	Upper
62	100		
98	5.6	5.0	7.6

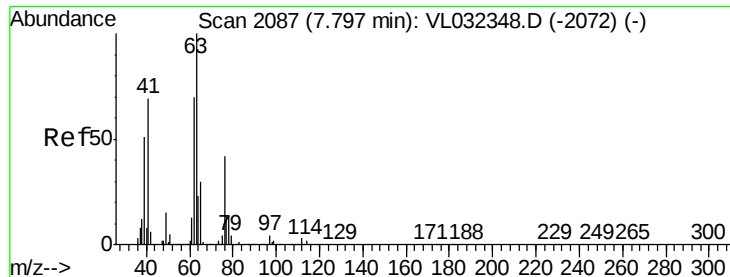


Abundance

Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#39

1,2-Dichloropropane

Concen: 20.555 ppbv

RT: 7.80 min Scan# 2087

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

1000

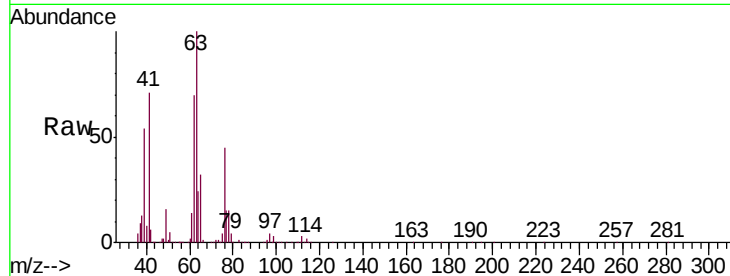
Tgt Ion: 63 Resp: 2476114

Ion Ratio Lower Upper

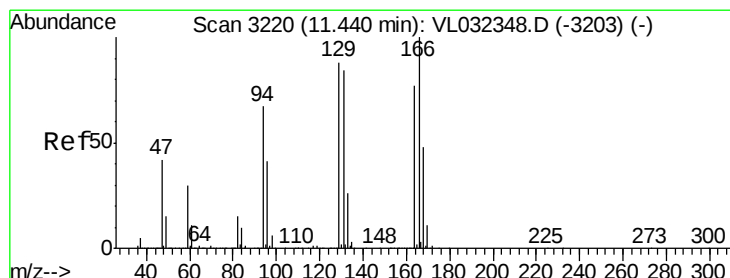
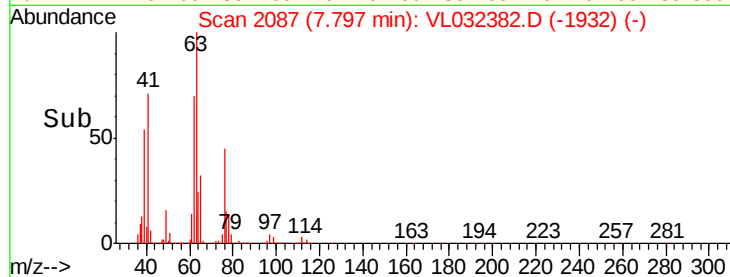
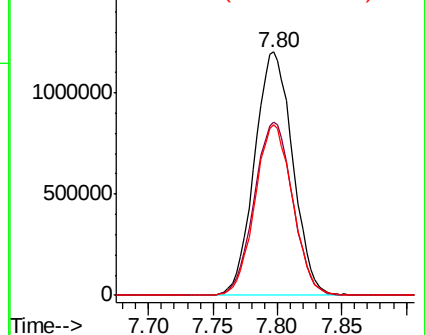
63 100

41 70.9 55.5 83.3

62 70.1 56.3 84.5



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



#52

Tetrachloroethene

Concen: 15.834 ppbv

RT: 11.44 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Tgt Ion: 164 Resp: 1346708

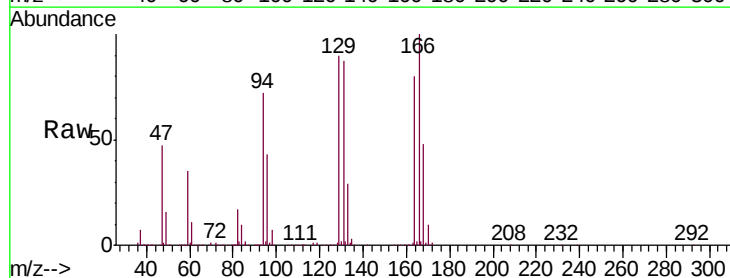
Ion Ratio Lower Upper

164 100

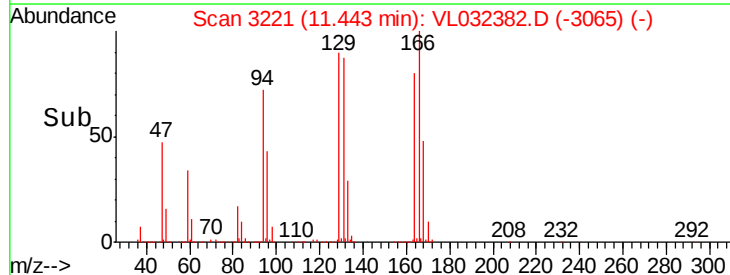
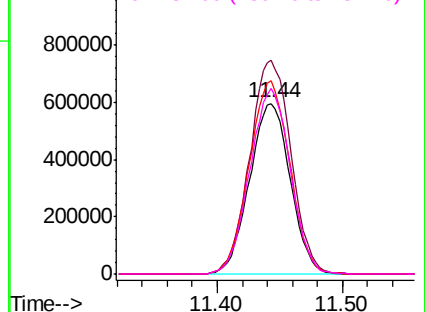
166 125.2 103.5 155.3

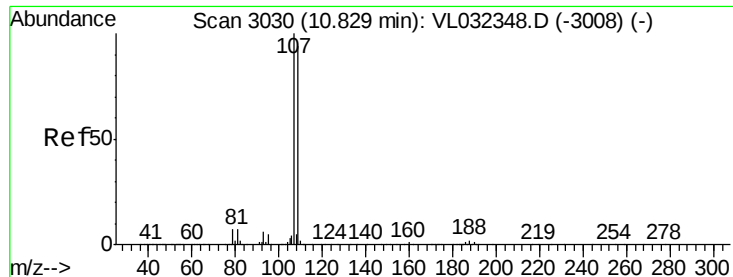
129 113.1 90.9 136.3

131 108.5 86.7 130.1



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#54

1,2-Dibromoethane

Concen: 23.752 ppbv

RT: 10.83 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

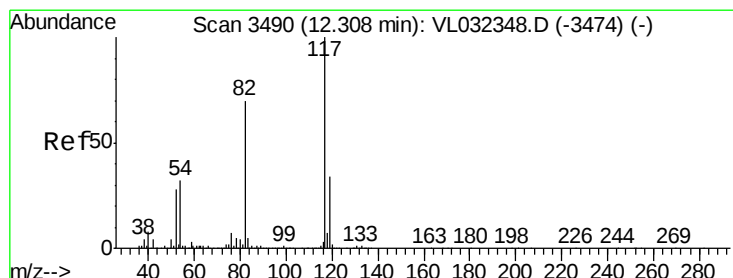
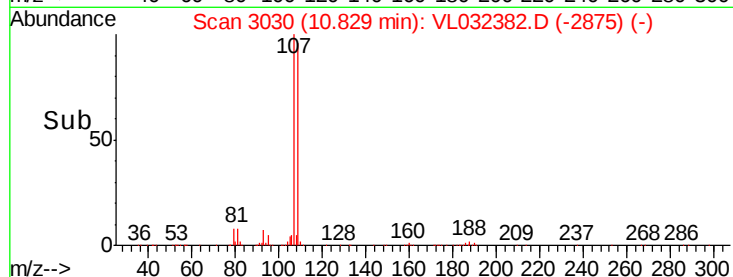
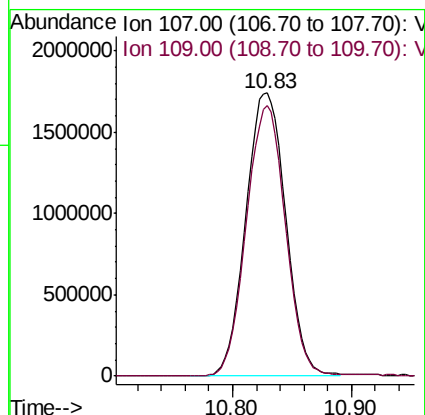
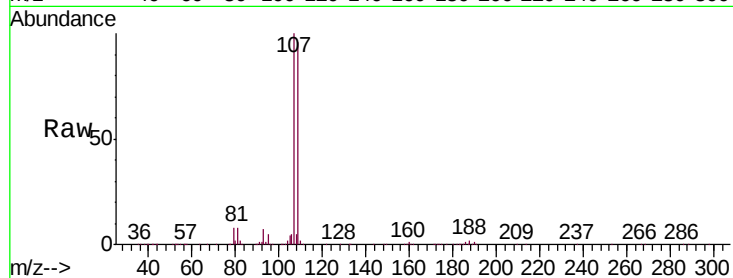
1000

Tgt Ion:107 Resp: 4045016

Ion Ratio Lower Upper

107 100

109 95.7 74.9 112.3



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.31 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

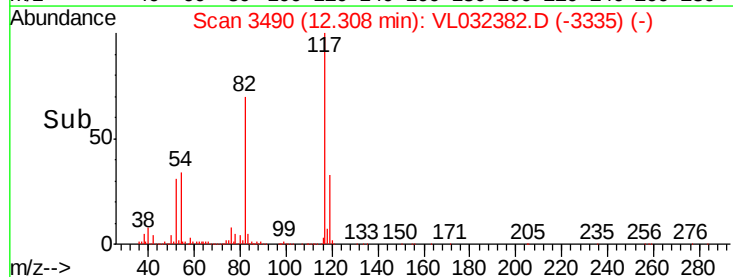
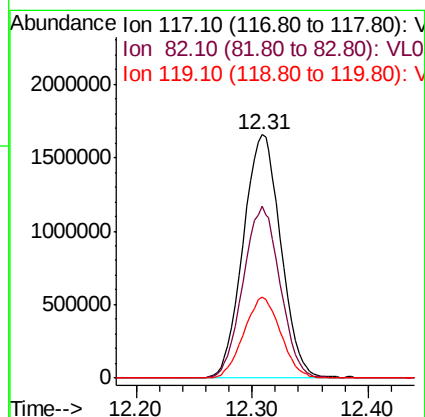
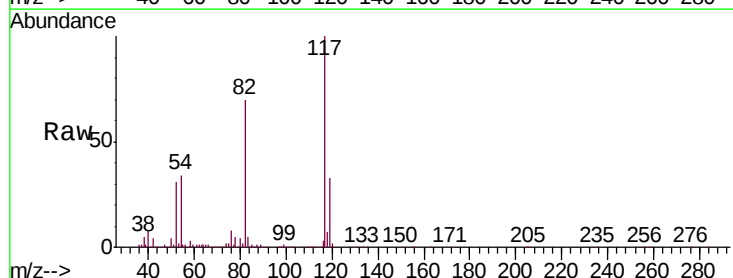
Tgt Ion:117 Resp: 3735411

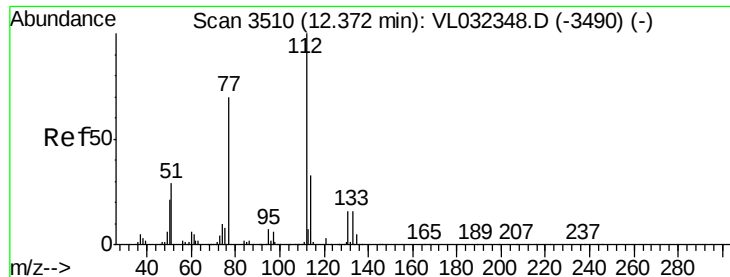
Ion Ratio Lower Upper

117 100

82 69.9 55.1 82.7

119 32.8 46.0 69.0#

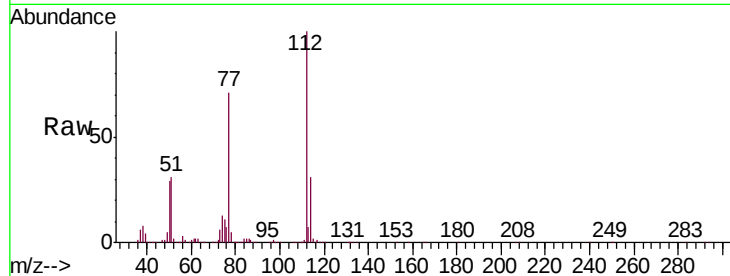




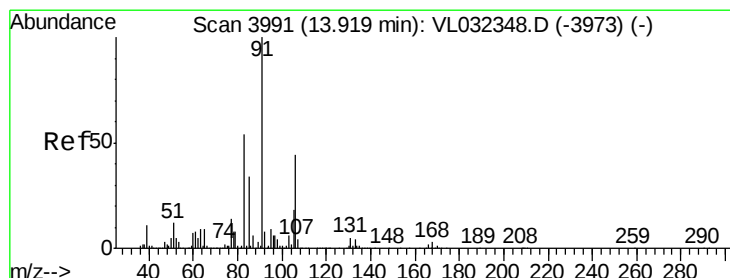
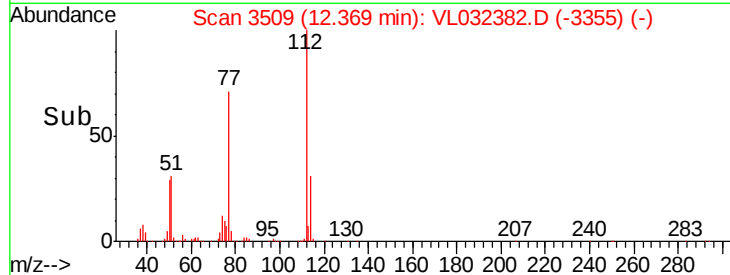
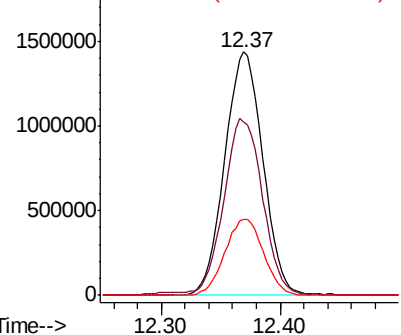
#57
Chlorobenzene
Concen: 11.366 ppbv
RT: 12.37 min Scan# 3509
Delta R.T. -0.00 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :
1000

Tgt Ion:112 Resp: 3196086
Ion Ratio Lower Upper
112 100
77 70.7 56.6 84.8
114 31.3 29.4 36.0

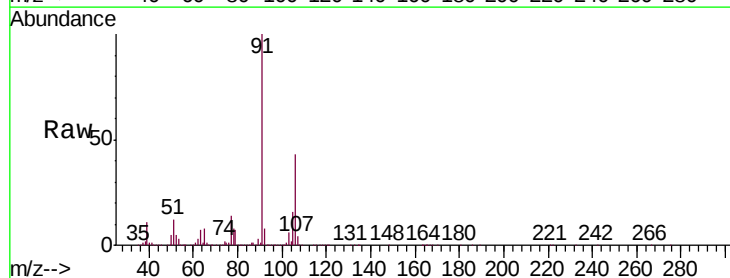


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

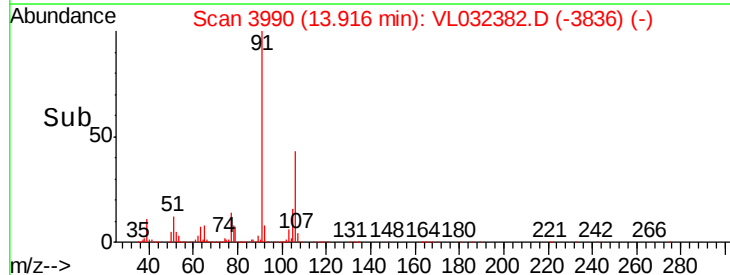
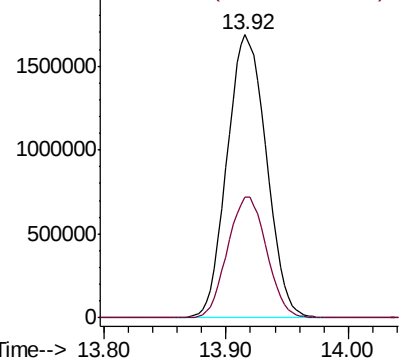


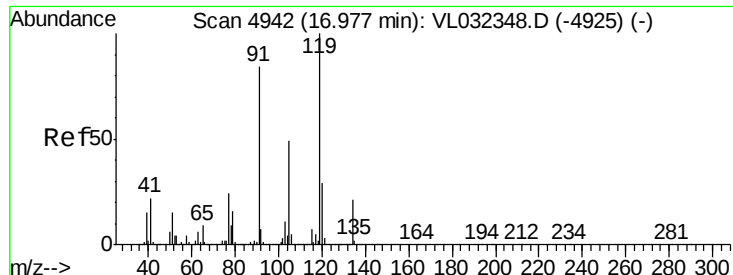
#60
o-Xylene
Concen: 10.016 ppbv
RT: 13.92 min Scan# 3990
Delta R.T. -0.00 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Tgt Ion: 91 Resp: 3758441
Ion Ratio Lower Upper
91 100
106 42.5 22.3 66.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

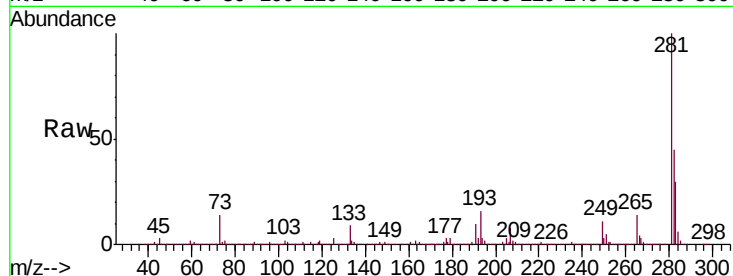




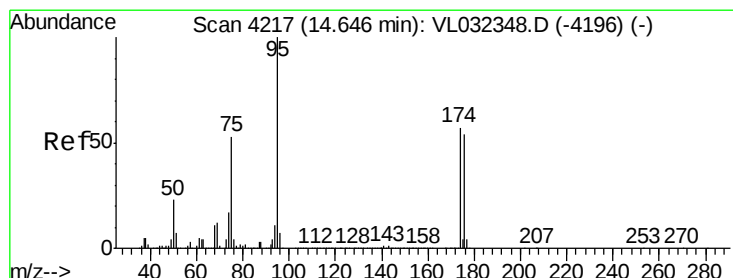
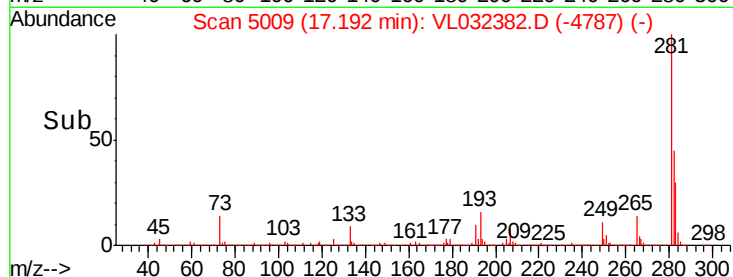
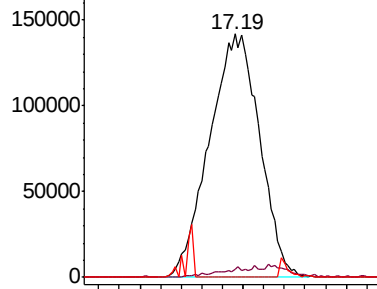
#65
tert-Butylbenzene
Concen: 1.053 ppbv
RT: 17.19 min Scan# 5009
Delta R.T. 0.22 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :
1000

Tgt Ion: 119 Resp: 480287
Ion Ratio Lower Upper
119 100
91 5.8 67.4 101.0#
134 1.3 15.8 23.6#

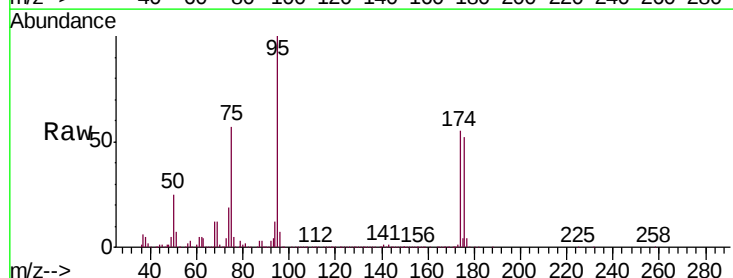


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

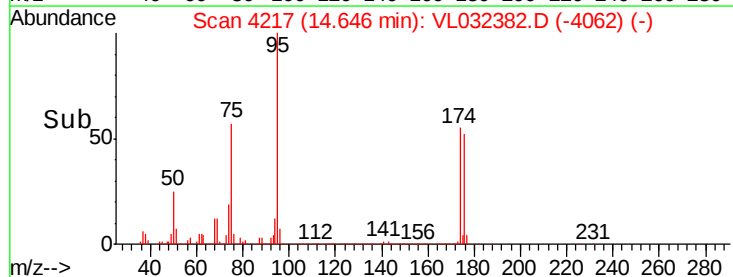
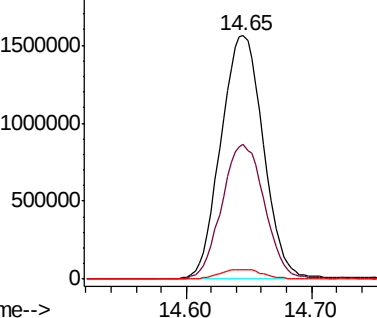


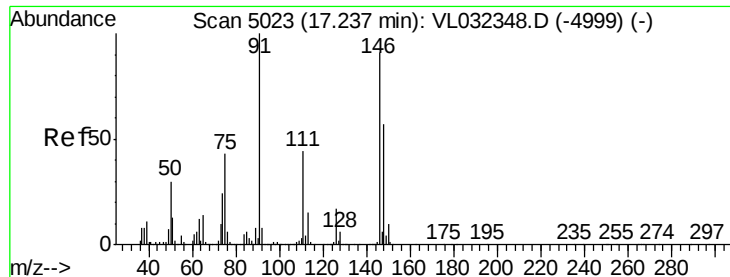
#68
1-Bromo-4-Fluorobenzene
Concen: 12.905 ppbv
RT: 14.65 min Scan# 4217
Delta R.T. -0.00 min
Lab File: VL032382.D
Acq: 16 Aug 2018 18:22

Tgt Ion: 95 Resp: 3677767
Ion Ratio Lower Upper
95 100
174 56.5 46.2 69.4
175 4.2 3.4 5.0



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





#75

1,3-Dichlorobenzene

Concen: 0.102 ppbv

RT: 17.23 min Scan# 5022

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

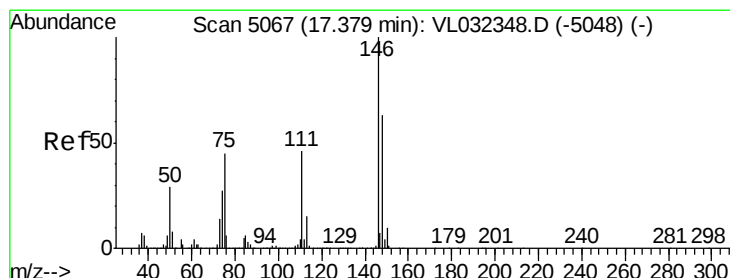
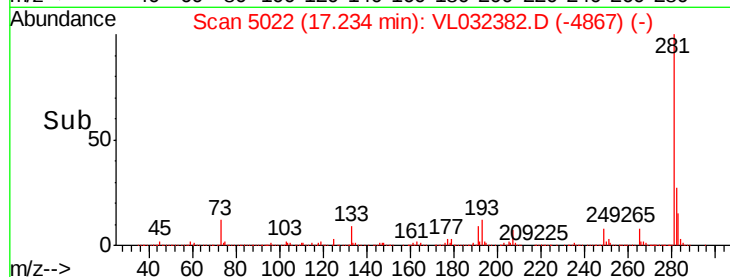
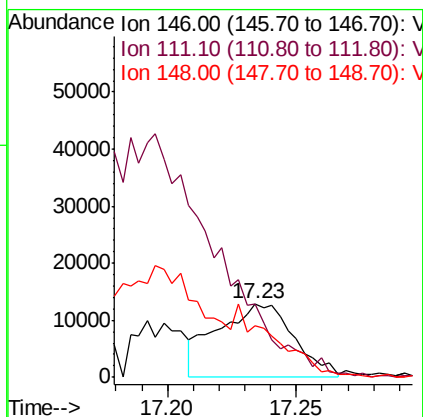
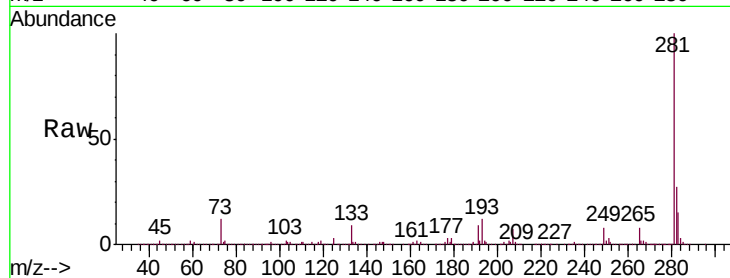
Instrument :

MSVOA_L

ClientSampleId :

1000

Tgt Ion:	146	Resp:	26211
Ion	Ratio	Lower	Upper
146	100		
111	0.0	24.6	73.8#
148	0.0	32.0	96.0#



#76

1,4-Dichlorobenzene

Concen: 0.043 ppbv

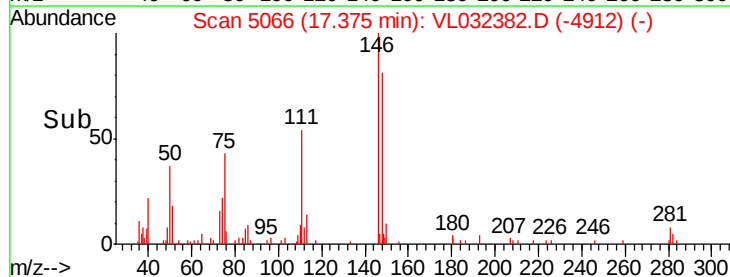
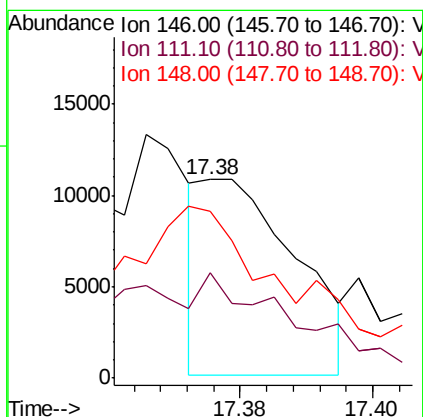
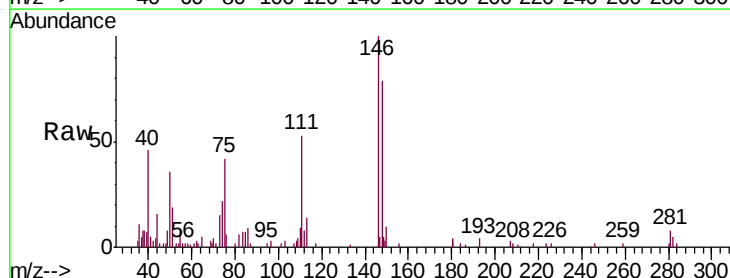
RT: 17.38 min Scan# 5066

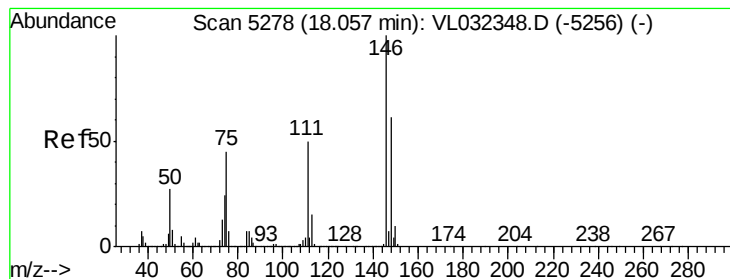
Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Tgt Ion:	146	Resp:	10520
Ion	Ratio	Lower	Upper
146	100		
111	122.5	23.8	71.4#
148	193.6	32.2	96.6#





#77

1,2-Dichlorobenzene

Concen: 15.753 ppbv

RT: 18.06 min Scan# 5279

Delta R.T. 0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

1000

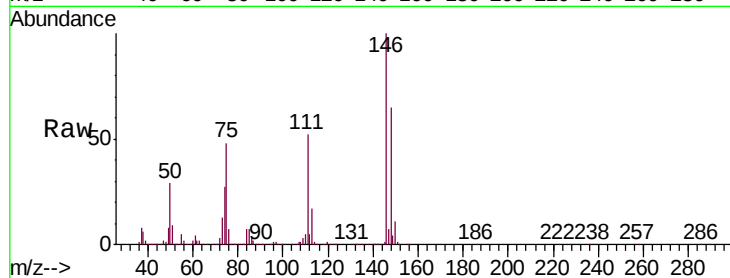
Tgt Ion:146 Resp: 3874682

Ion Ratio Lower Upper

146 100

111 52.0 25.2 75.6

148 63.9 31.8 95.4

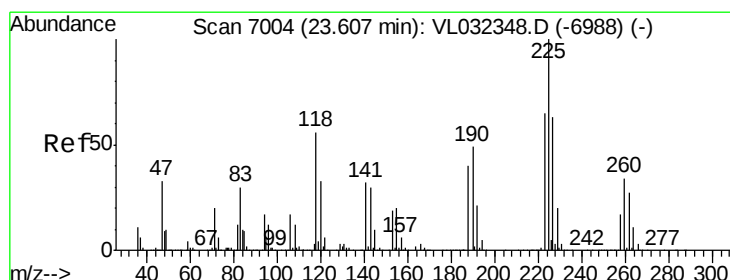
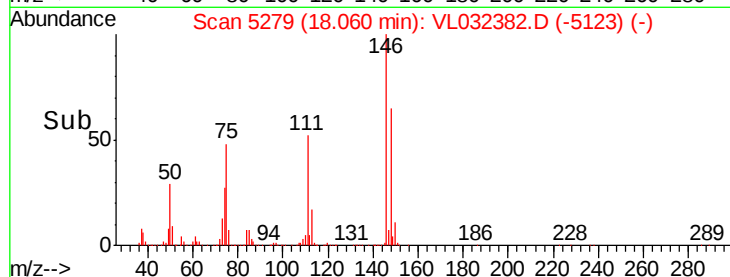
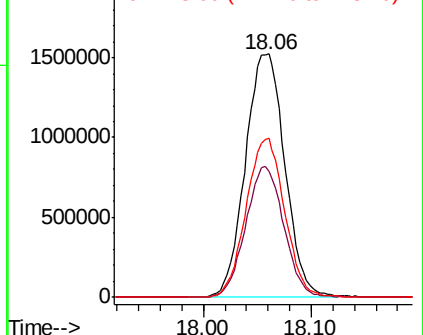


Abundance

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: 0.198 ppbv

RT: 23.60 min Scan# 7003

Delta R.T. -0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

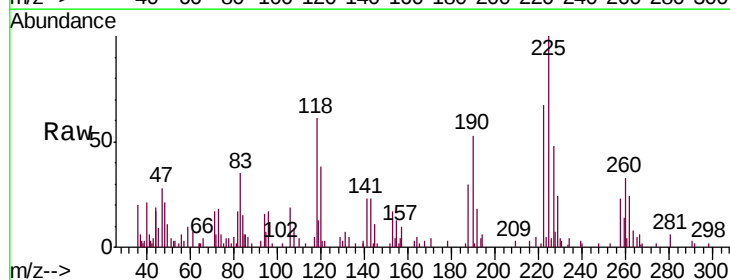
Tgt Ion:225 Resp: 16309

Ion Ratio Lower Upper

225 100

223 87.6 50.6 76.0#

227 80.2 51.0 76.6#

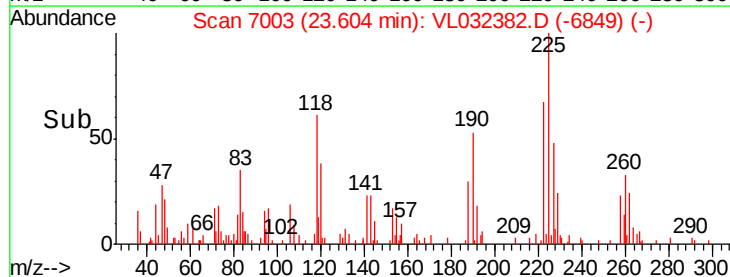
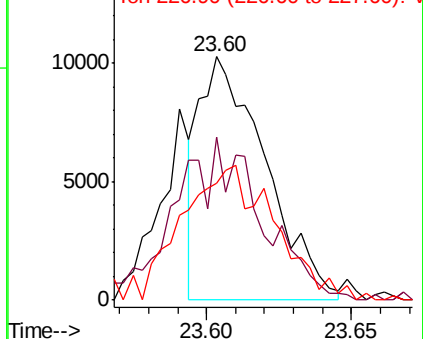


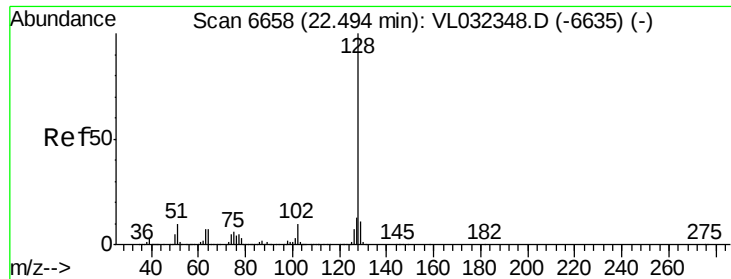
Abundance

Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.558 ppbv

RT: 22.50 min Scan# 6659

Delta R.T. 0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

Instrument :

MSVOA_L

ClientSampleId :

1000

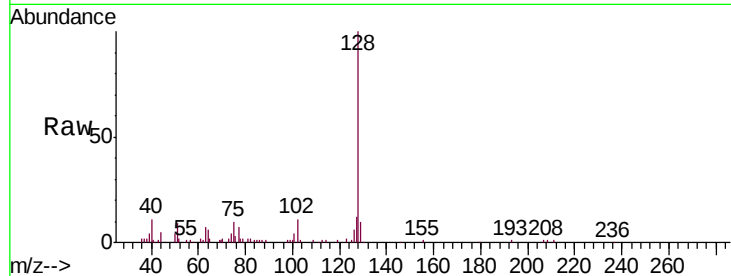
Tgt Ion:128 Resp: 95540

Ion Ratio Lower Upper

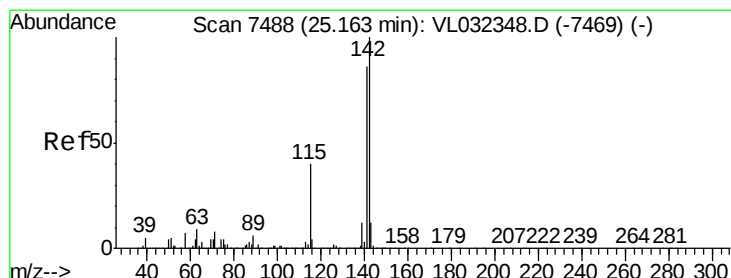
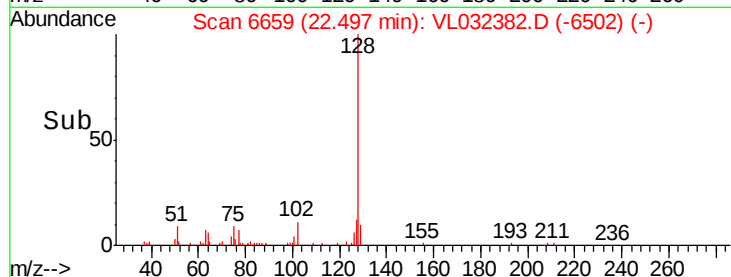
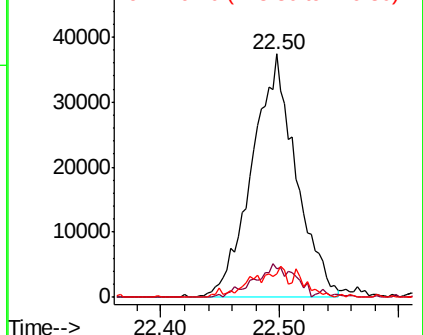
128 100

127 12.0 10.3 15.5

129 9.6 8.6 13.0



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 0.496 ppbv

RT: 25.17 min Scan# 7489

Delta R.T. 0.00 min

Lab File: VL032382.D

Acq: 16 Aug 2018 18:22

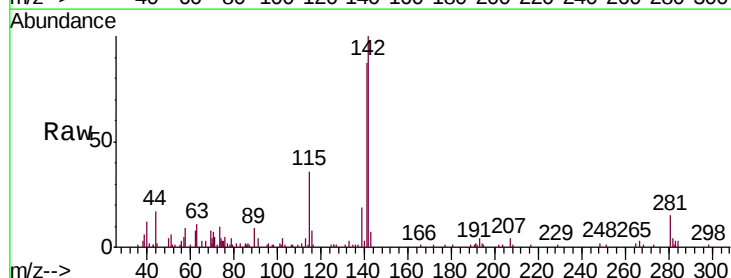
Tgt Ion:142 Resp: 42355

Ion Ratio Lower Upper

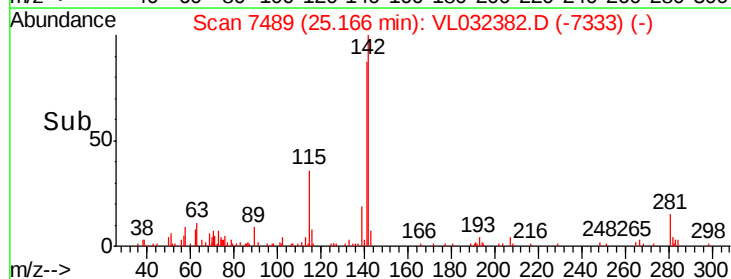
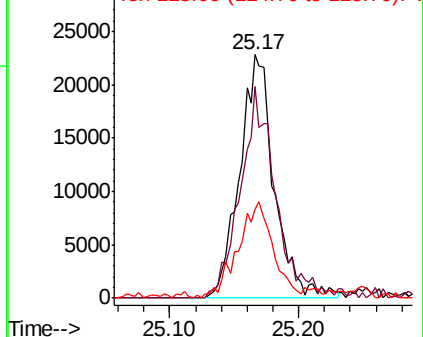
142 100

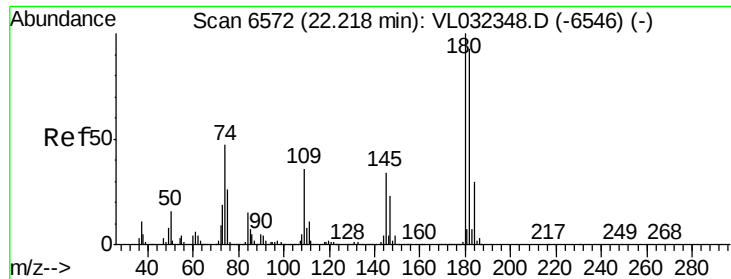
141 88.9 66.7 100.1

115 42.0 31.0 46.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.138 ppbv
 RT: 22.21 min Scan# 6571
 Delta R.T. -0.00 min
 Lab File: VL032382.D
 Acq: 16 Aug 2018 18:22

Instrument :
 MSVOA_L
 ClientSampleId :
 1000

Tgt Ion:180 Resp: 22798
 Ion Ratio Lower Upper
 180 100
 182 199.5 76.1 114.1#
 184 67.1 24.2 36.2#

