

Data File : VL032766.D
Acq On : 14 Nov 2018 19:45
Operator : SY/AP
Sample : J5896-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA2

Quant Time: Nov 15 04:58:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1394237	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3466080	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3063873	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.58 95 2285980 9.98 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 99.80%

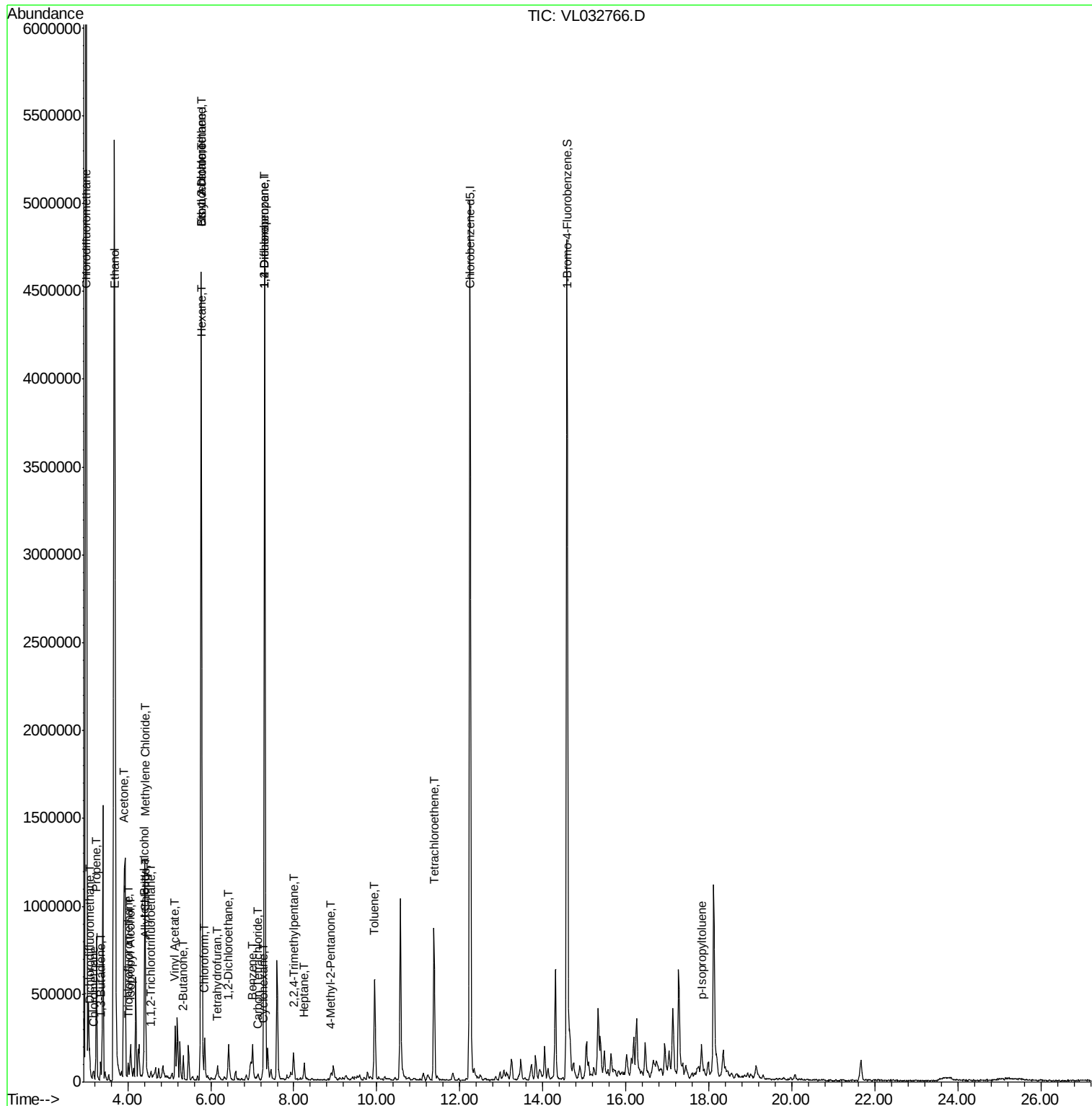
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	102675	0.512	ppbv	98
3) Chlorodifluoromethane	2.99	51	7438433	67.294	ppbv #	57
4) Chloromethane	3.17	50	32687	0.533	ppbv	98
9) Propene	3.24	41	182809	4.133	ppbv	94
10) Heptane	8.25	43	8612	0.051	ppbv #	1
11) Trichlorofluoromethane	4.01	101	48539	0.257	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.55	101	10621	0.069	ppbv	84
13) Ethanol	3.68	45	8296147	572.598	ppbv	98
15) Acetone	3.90	43	1465528	11.510	ppbv	97
16) 1,3-Butadiene	3.35	39	31956	0.648	ppbv #	49
17) tert-Butyl alcohol	4.39	59	48228	1.208	ppbv #	77
19) Isopropyl Alcohol	4.06	45	121301	1.430	ppbv #	1
20) Methylene Chloride	4.41	84	415019	6.296	ppbv	94
21) Allyl Chloride	4.44	41	10915	0.102	ppbv #	1
23) Vinyl Acetate	5.15	43	123048	0.530	ppbv #	1
25) Ethyl Acetate	5.77	43	1384798	4.666	ppbv	96
26) Hexane	5.79	57	392665	2.972	ppbv #	44
29) Chloroform	5.85	83	145597	0.618	ppbv	92
30) Cyclohexane	7.25	84	9133	0.079	ppbv #	1
31) cis-1,2-Dichloroethene	5.77	61	150132	1.130	ppbv #	24
34) 2-Butanone	5.34	43	146085	0.813	ppbv	99
35) Carbon Tetrachloride	7.14	117	11003	0.039	ppbv #	87
36) Benzene	7.01	78	127683	0.463	ppbv	95
37) 1,2-Dichloroethane	6.42	62	11960	0.064	ppbv #	67
39) 1,2-Dichloropropane	7.30	63	876081	8.331	ppbv #	23
41) Tetrahydrofuran	6.16	42	14759	0.143	ppbv #	43
44) 2,2,4-Trimethylpentane	8.00	57	58454	0.127	ppbv #	23
50) 4-Methyl-2-Pentanone	8.88	43	9826	0.035	ppbv #	50
52) Tetrachloroethene	11.38	164	198587	2.068	ppbv	95
53) Toluene	9.95	91	346366	1.203	ppbv	98
69) p-Isopropyltoluene	17.82	119	62310	0.136	ppbv #	49

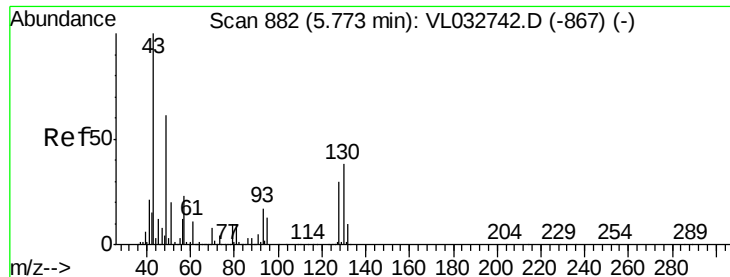
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

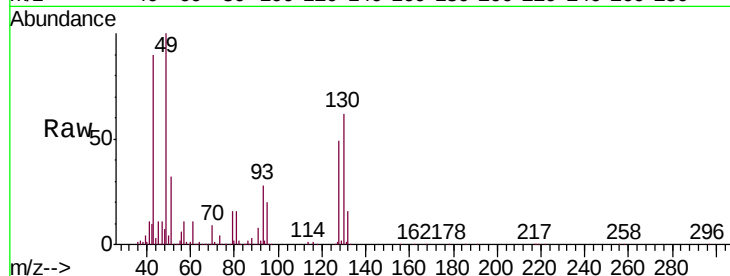
Tgt Ion: 49 Resp: 1394237

Ion Ratio Lower Upper

49 100

128 50.3 24.9 74.6

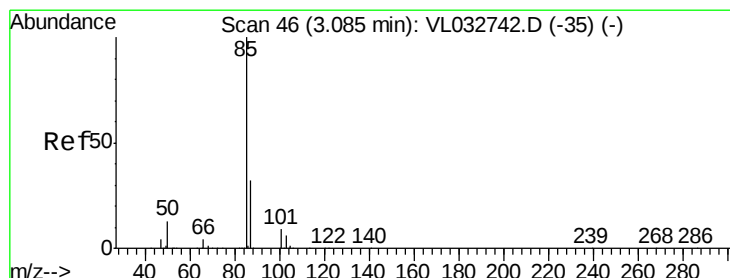
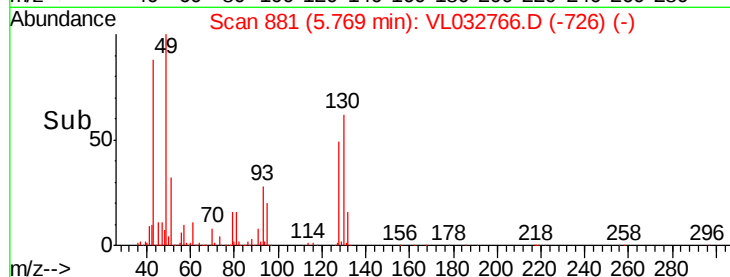
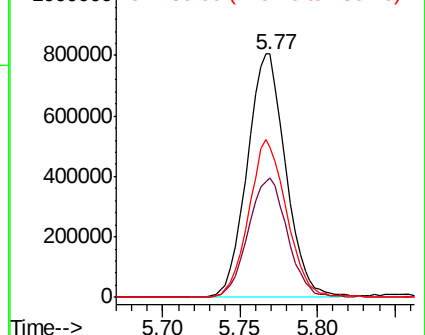
130 64.3 31.4 94.2



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: 0.512 ppbv

RT: 3.08 min Scan# 45

Delta R.T. -0.00 min

Lab File: VL032766.D

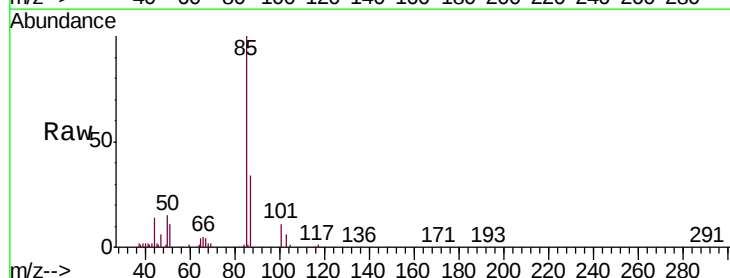
Acq: 14 Nov 2018 19:45

Tgt Ion: 85 Resp: 102675

Ion Ratio Lower Upper

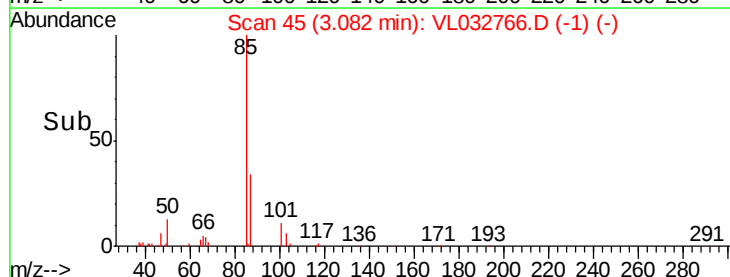
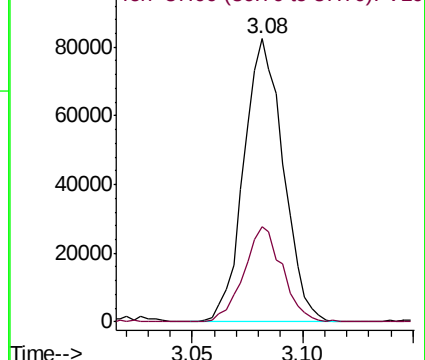
85 100

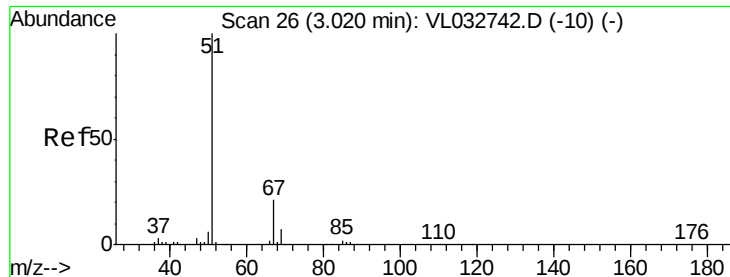
87 33.8 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 67.294 ppbv

RT: 2.99 min Scan# 18

Delta R.T. -0.03 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

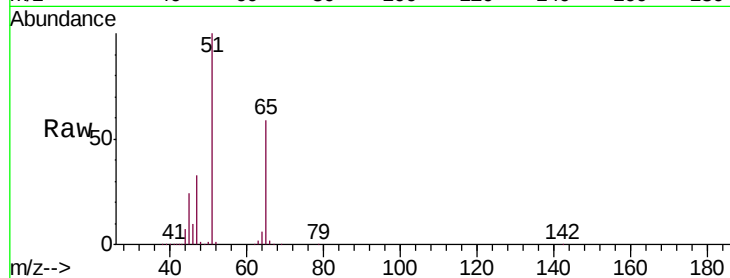
IA2

Tgt Ion: 51 Resp: 7438433

Ion Ratio Lower Upper

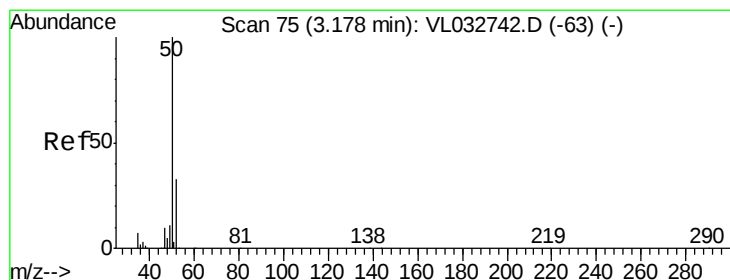
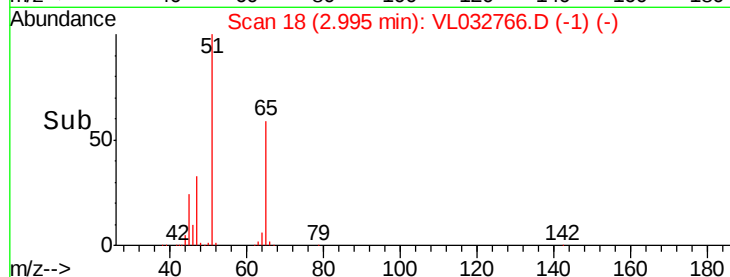
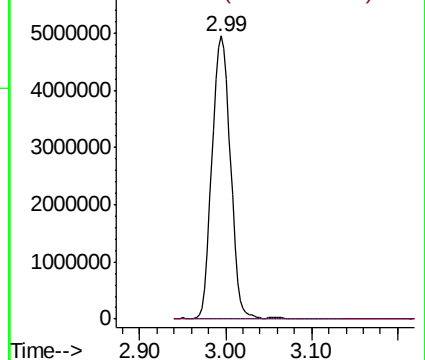
51 100

67 0.3 16.1 24.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.533 ppbv

RT: 3.17 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL032766.D

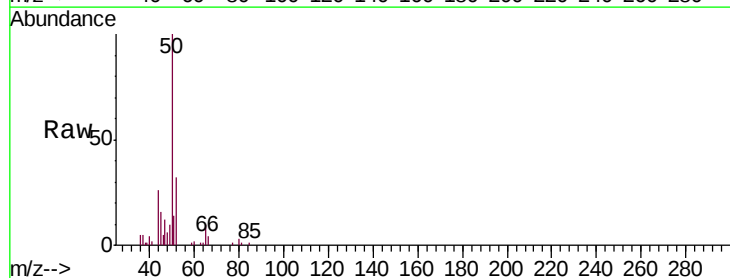
Acq: 14 Nov 2018 19:45

Tgt Ion: 50 Resp: 32687

Ion Ratio Lower Upper

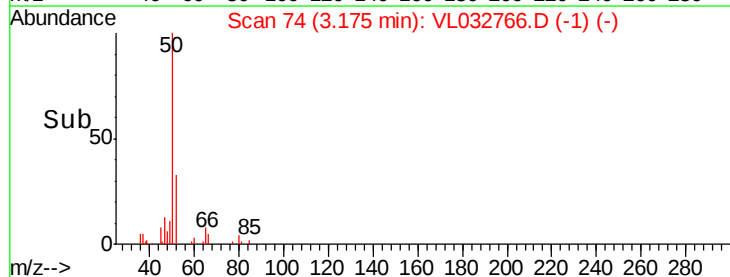
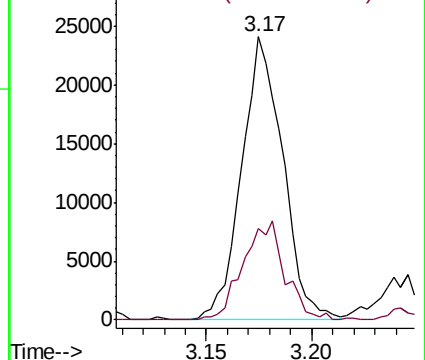
50 100

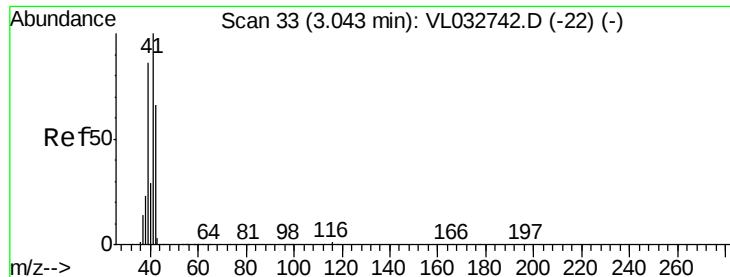
52 32.3 26.6 40.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 4.133 ppbv

RT: 3.24 min Scan# 95

Delta R.T. 0.20 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

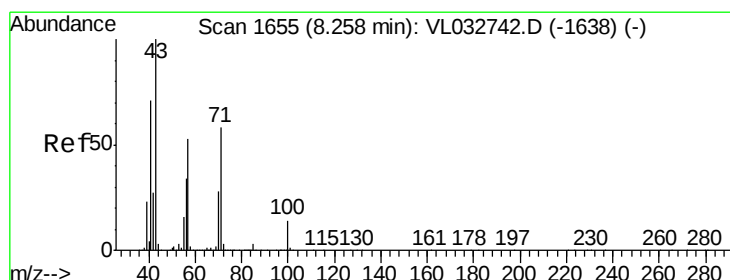
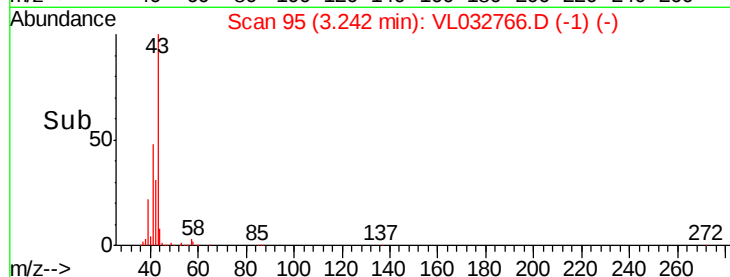
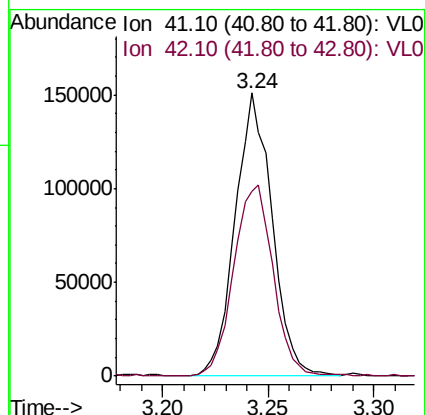
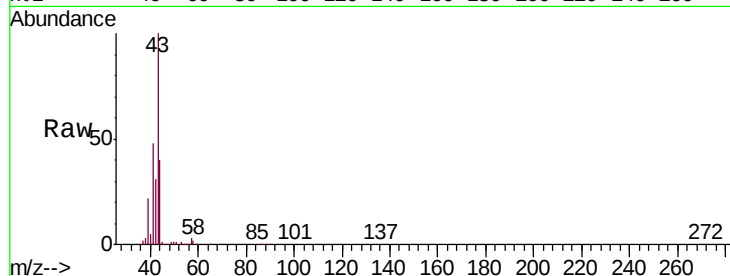
IA2

Tgt Ion: 41 Resp: 182809

Ion Ratio Lower Upper

41 100

42 73.3 55.0 82.6



#10

Heptane

Concen: 0.051 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VL032766.D

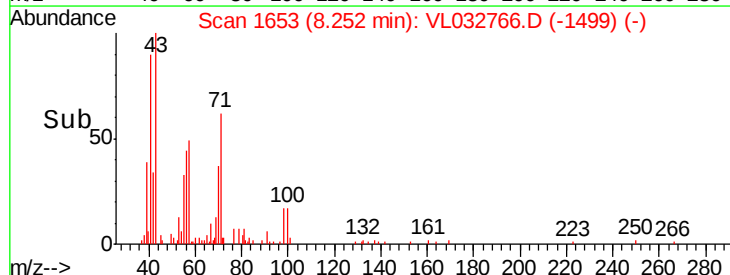
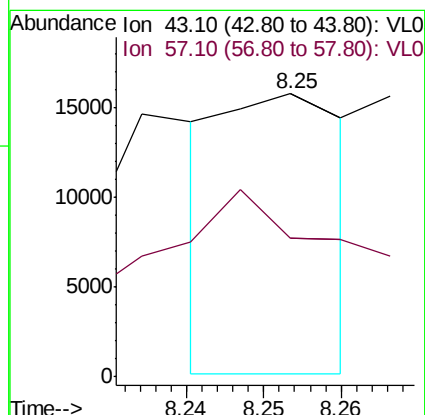
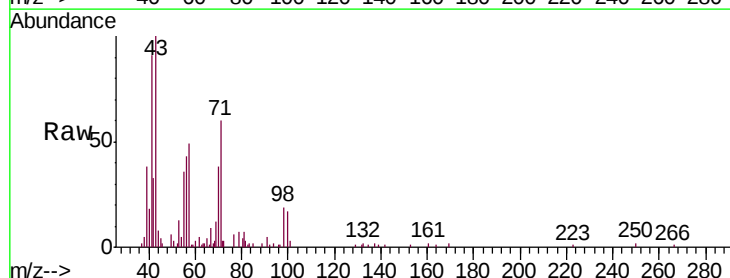
Acq: 14 Nov 2018 19:45

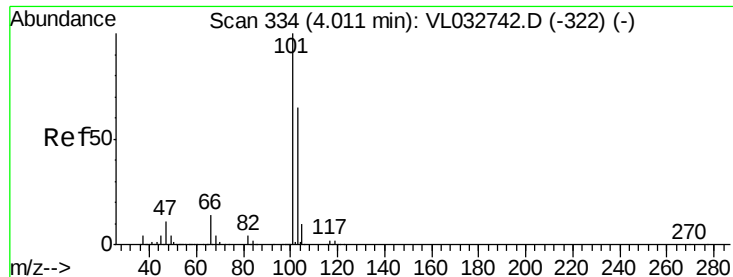
Tgt Ion: 43 Resp: 8612

Ion Ratio Lower Upper

43 100

57 204.7 41.8 62.8#





#11

Trichlorofluoromethane

Concen: 0.257 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

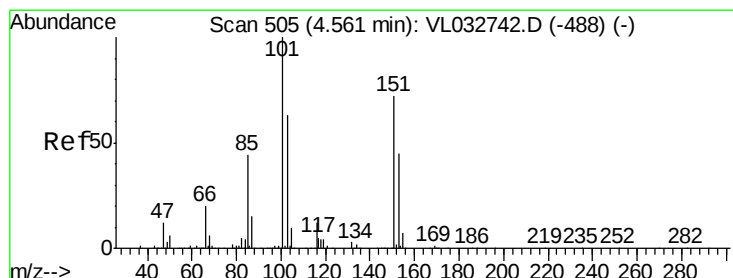
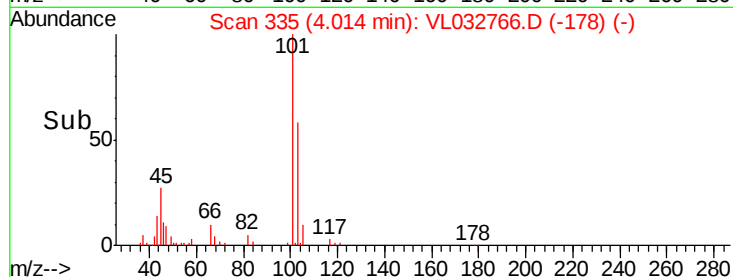
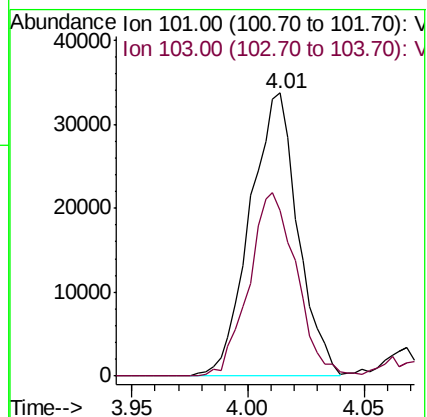
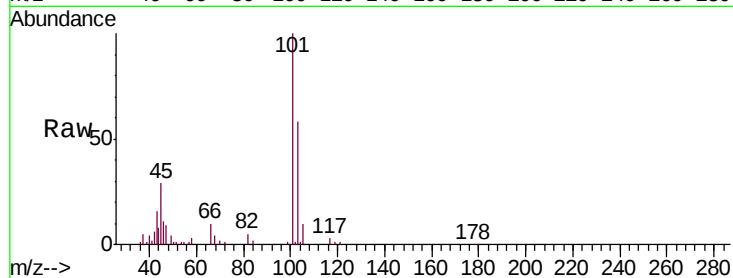
IA2

Tgt Ion:101 Resp: 48539

Ion Ratio Lower Upper

101 100

103 58.4 51.6 77.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.069 ppbv

RT: 4.55 min Scan# 503

Delta R.T. -0.01 min

Lab File: VL032766.D

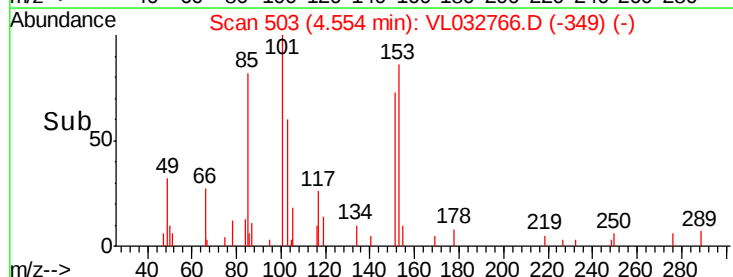
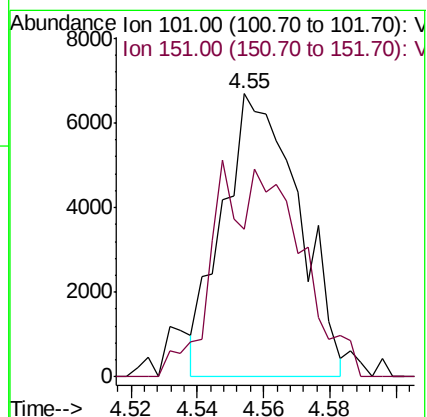
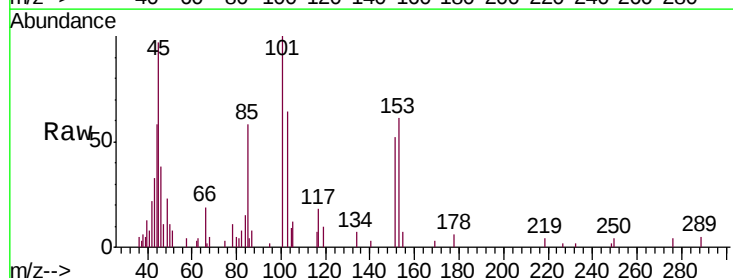
Acq: 14 Nov 2018 19:45

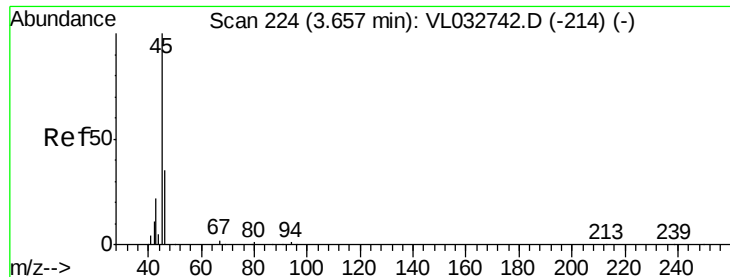
Tgt Ion:101 Resp: 10621

Ion Ratio Lower Upper

101 100

151 84.5 56.7 85.1





#13

Ethanol

Concen: 572.598 ppbv

RT: 3.68 min Scan# 231

Delta R.T. 0.02 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

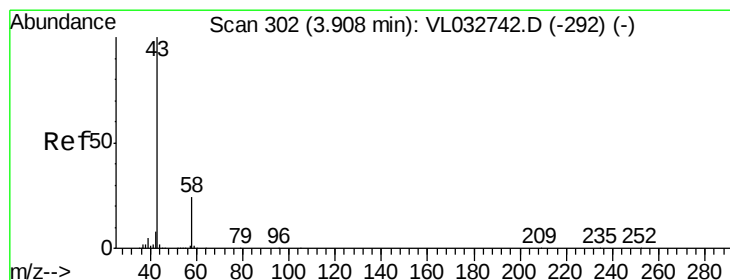
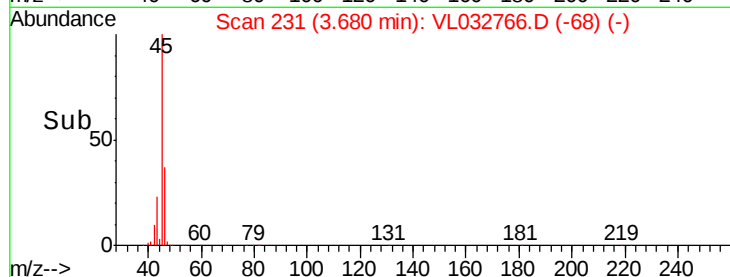
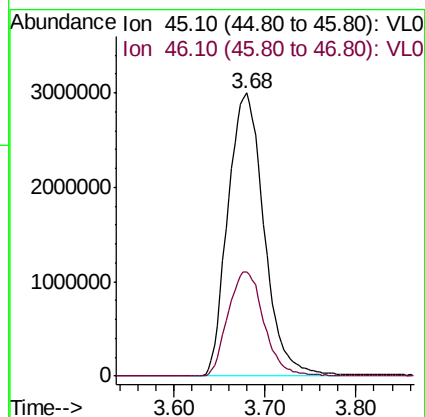
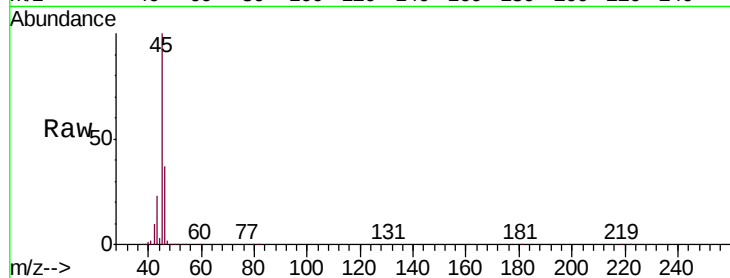
IA2

Tgt Ion: 45 Resp: 8296147

Ion Ratio Lower Upper

45 100

46 37.2 14.5 57.9



#15

Acetone

Concen: 11.510 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL032766.D

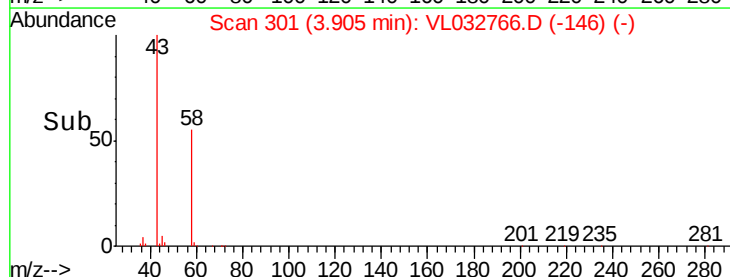
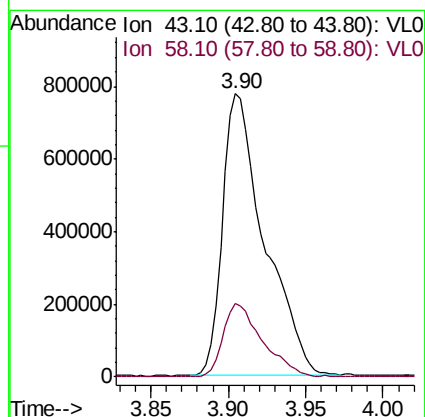
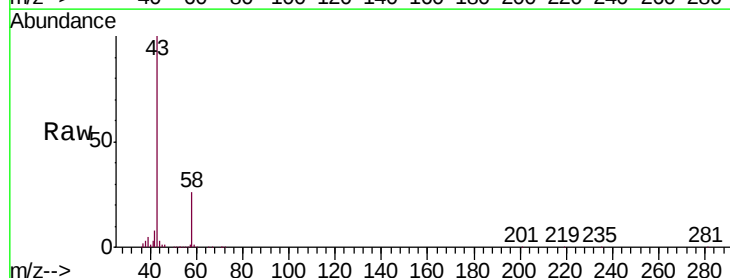
Acq: 14 Nov 2018 19:45

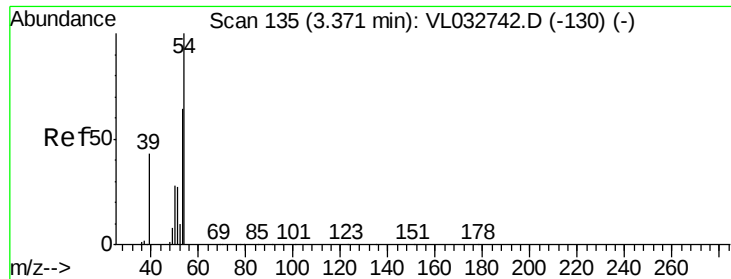
Tgt Ion: 43 Resp: 1465528

Ion Ratio Lower Upper

43 100

58 24.7 21.1 31.7

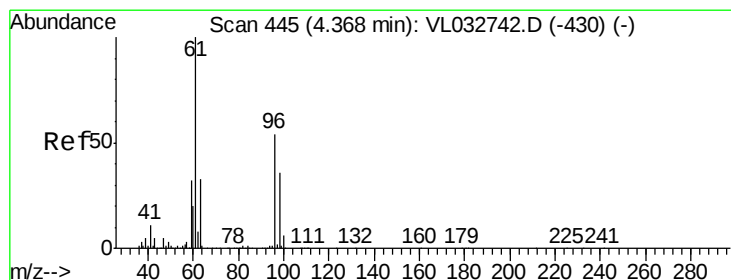
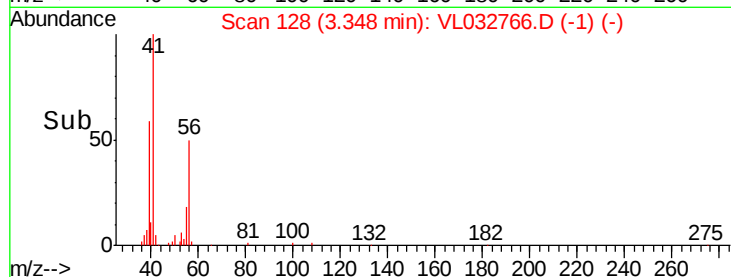
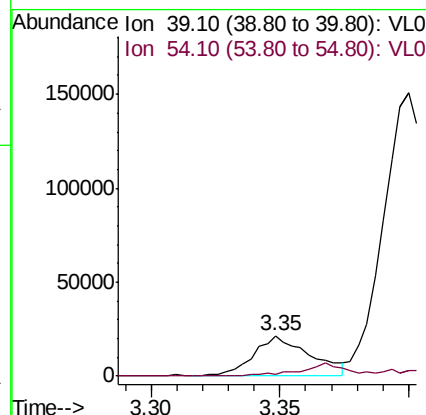
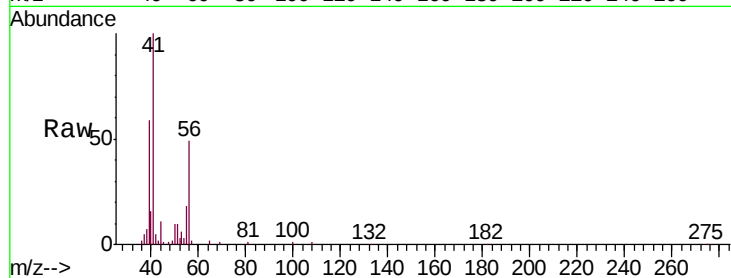




#16
 1,3-Butadiene
 Concen: 0.648 ppbv
 RT: 3.35 min Scan# 128
 Delta R.T. -0.02 min
 Lab File: VL032766.D
 Acq: 14 Nov 2018 19:45

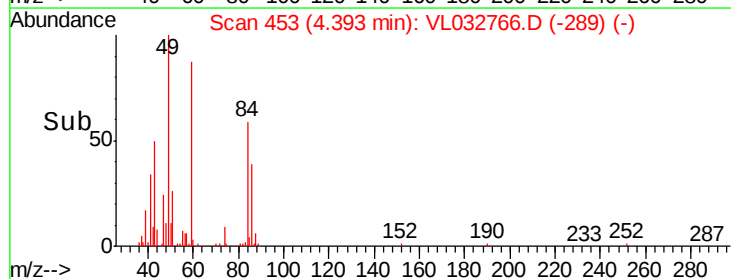
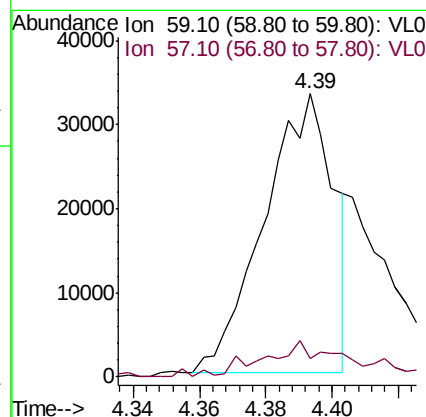
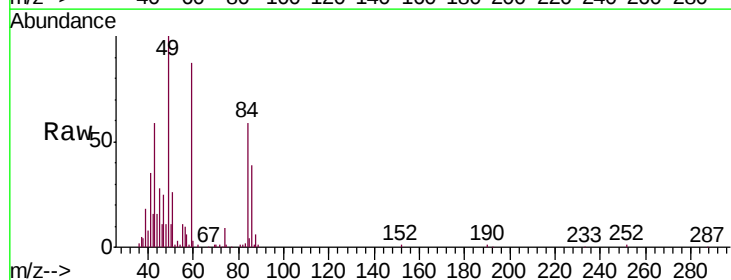
Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

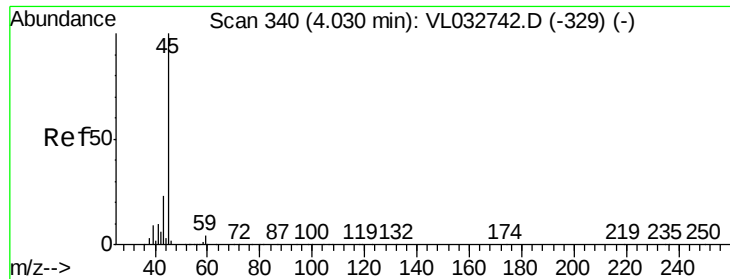
Tgt Ion: 39 Resp: 31956
 Ion Ratio Lower Upper
 39 100
 54 39.6 68.9 103.3#



#17
 tert-Butyl alcohol
 Concen: 1.208 ppbv
 RT: 4.39 min Scan# 453
 Delta R.T. 0.03 min
 Lab File: VL032766.D
 Acq: 14 Nov 2018 19:45

Tgt Ion: 59 Resp: 48228
 Ion Ratio Lower Upper
 59 100
 57 18.4 7.8 11.8#





#19

Isopropyl Alcohol

Concen: 1.430 ppbv

RT: 4.06 min Scan# 350

Delta R.T. 0.03 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

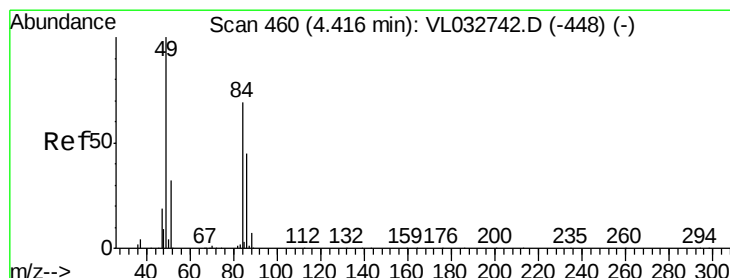
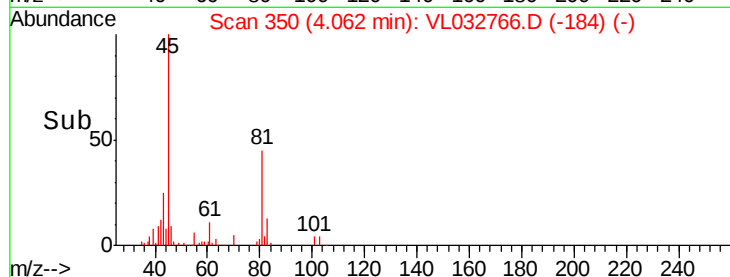
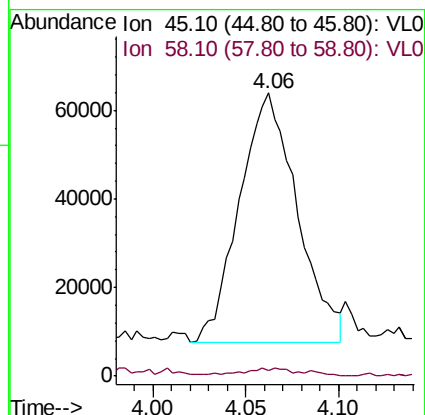
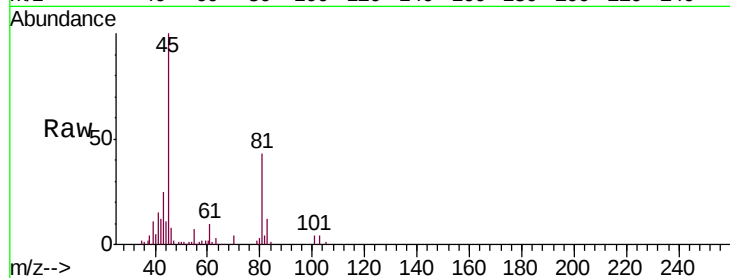
IA2

Tgt Ion: 45 Resp: 121301

Ion Ratio Lower Upper

45 100

58 298.4 1.4 2.0#



#20

Methylene Chloride

Concen: 6.296 ppbv

RT: 4.41 min Scan# 459

Delta R.T. -0.00 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Tgt Ion: 84 Resp: 415019

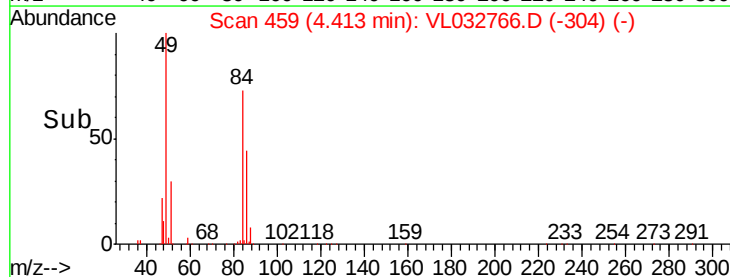
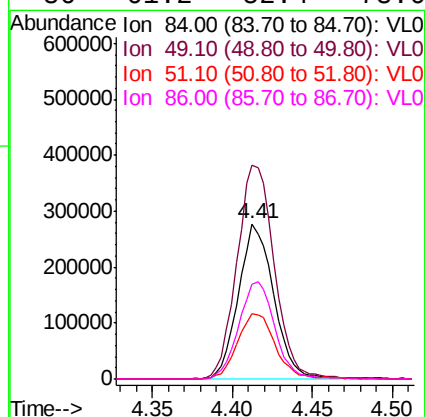
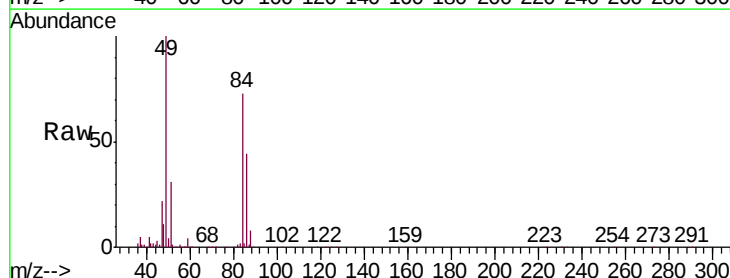
Ion Ratio Lower Upper

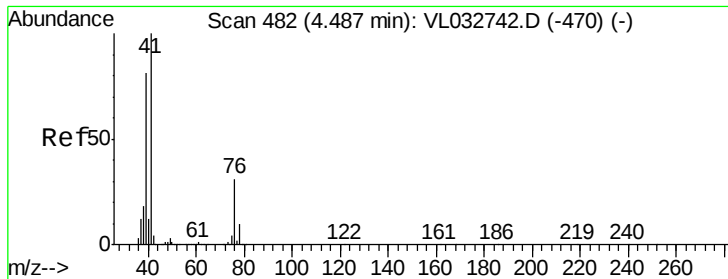
84 100

49 137.4 115.8 173.6

51 41.8 36.9 55.3

86 61.2 52.4 78.6





#21

Allyl Chloride

Concen: 0.102 ppbv

RT: 4.44 min Scan# 467

Delta R.T. -0.05 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

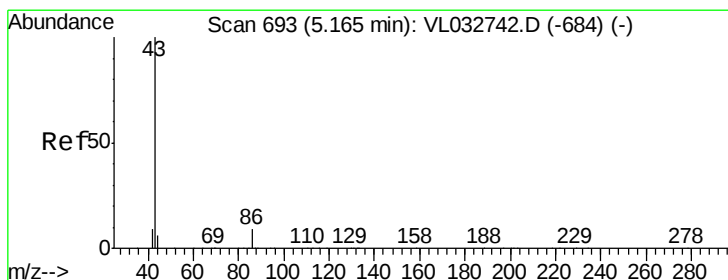
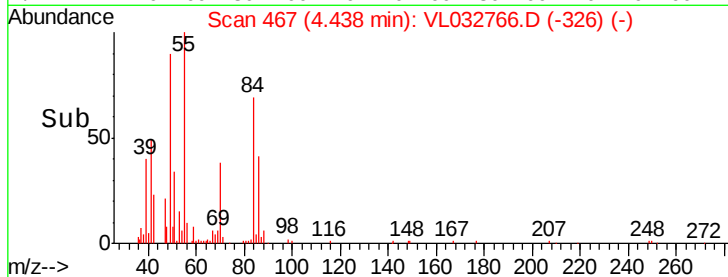
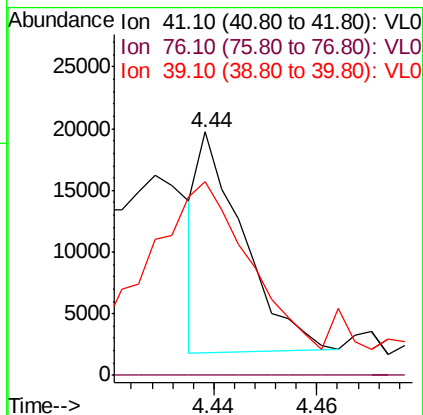
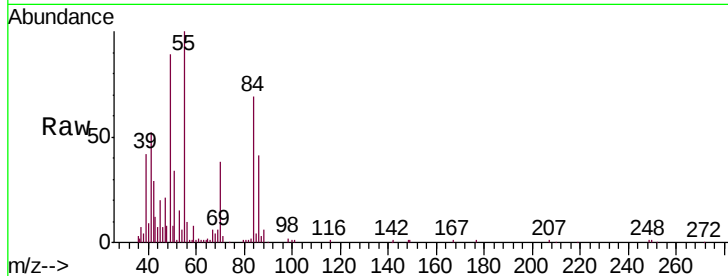
Tgt Ion: 41 Resp: 10915

Ion Ratio Lower Upper

41 100

76 0.0 24.4 36.6#

39 243.8 63.5 95.3#



#23

Vinyl Acetate

Concen: 0.530 ppbv

RT: 5.15 min Scan# 688

Delta R.T. -0.02 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Tgt Ion: 43 Resp: 123048

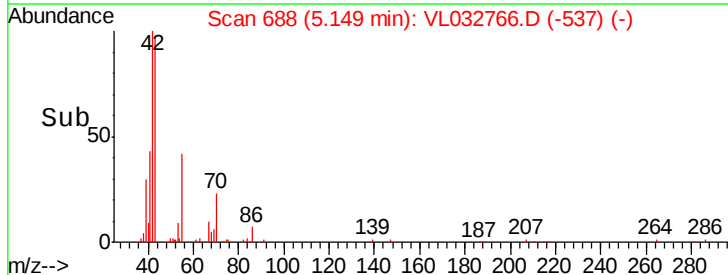
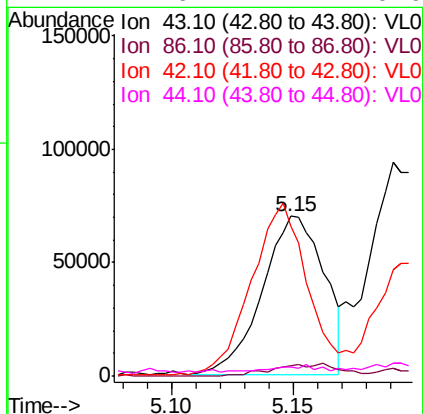
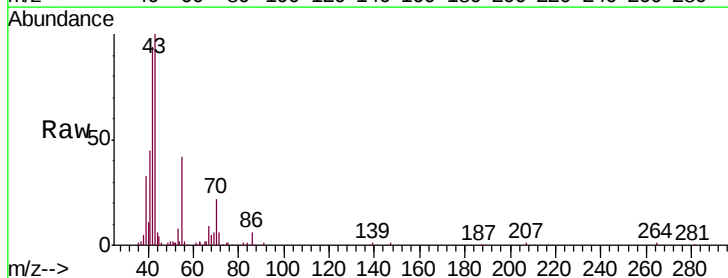
Ion Ratio Lower Upper

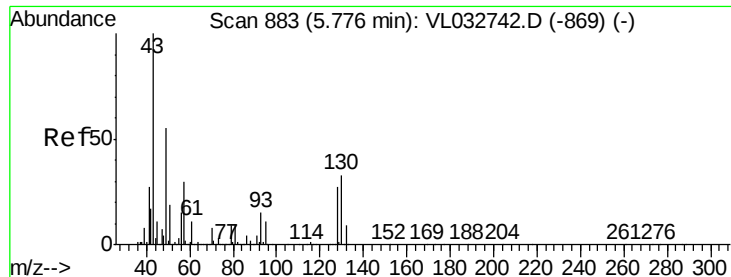
43 100

86 6.6 6.2 9.4

42 93.4 7.8 11.6#

44 2.6 4.4 6.6#



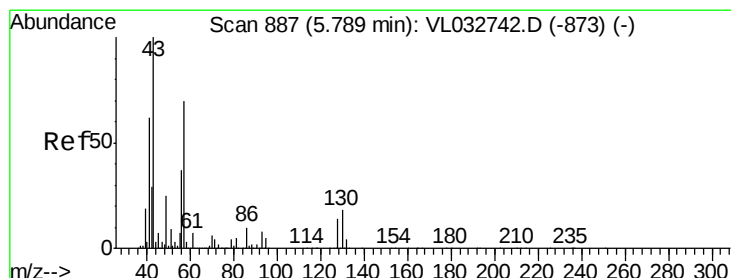
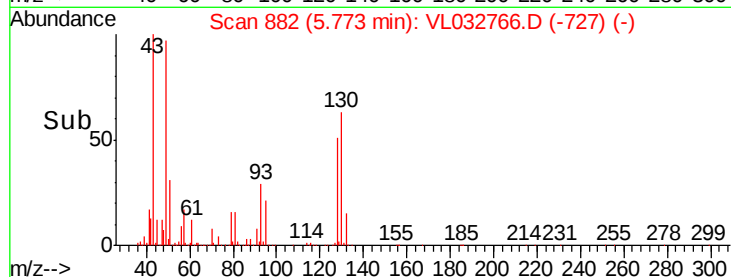
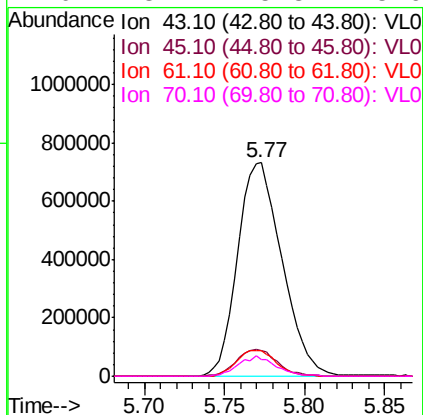
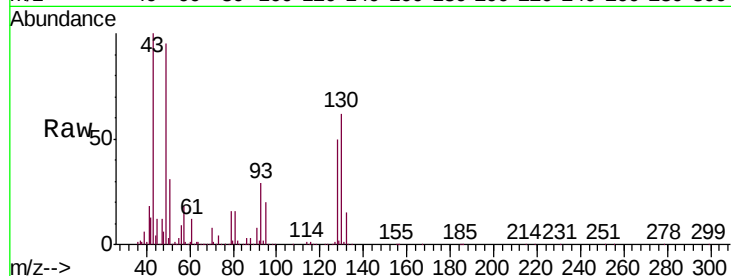


#25
Ethyl Acetate
Concen: 4.666 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.00 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 43 Resp: 1384798

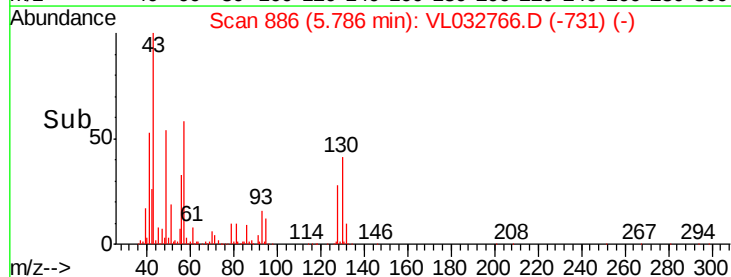
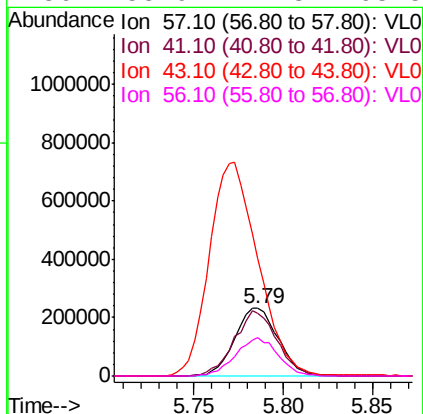
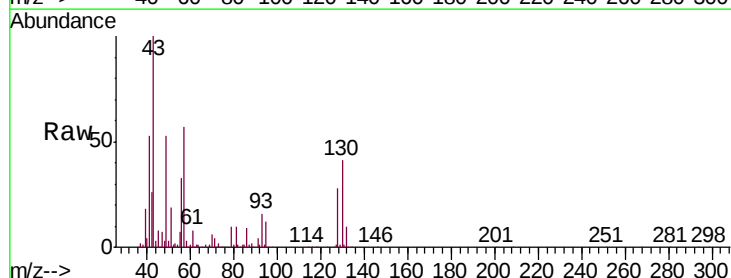
Ion	Ratio	Lower	Upper
43	100		
45	11.7	7.9	11.9
61	11.0	7.8	11.6
70	8.1	5.8	8.6

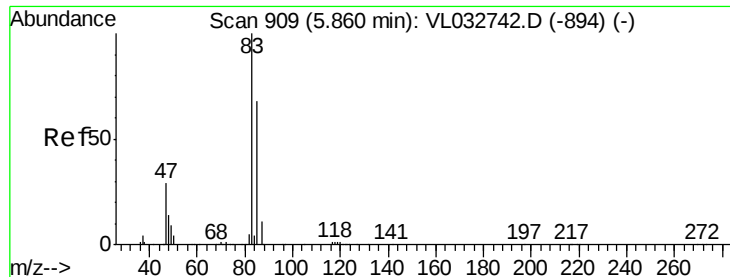


#26
Hexane
Concen: 2.972 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.00 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

Tgt Ion: 57 Resp: 392665

Ion	Ratio	Lower	Upper
57	100		
41	96.2	70.3	105.5
43	356.2	174.0	261.0#
56	55.9	42.3	63.5





#29

Chloroform

Concen: 0.618 ppbv

RT: 5.85 min Scan# 907

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampled :

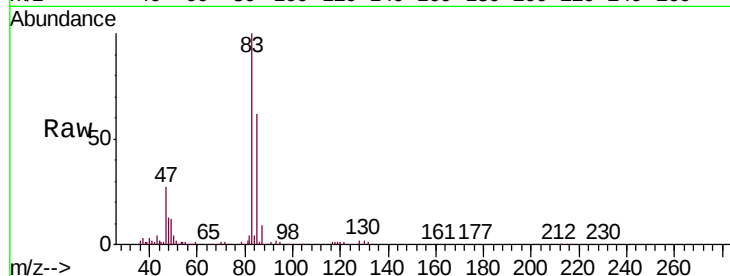
IA2

Tgt Ion: 83 Resp: 145597

Ion Ratio Lower Upper

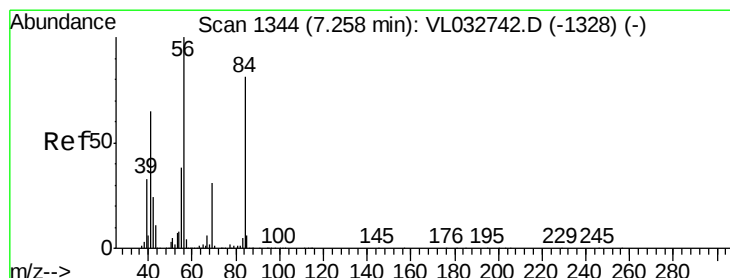
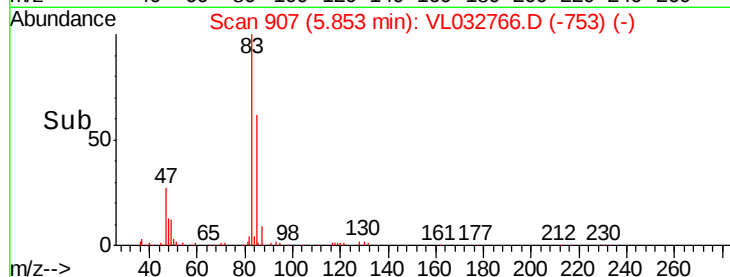
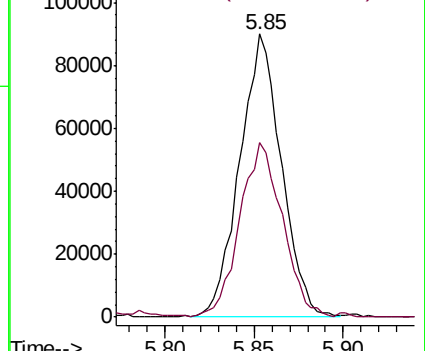
83 100

85 61.6 54.2 81.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 0.079 ppbv

RT: 7.25 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

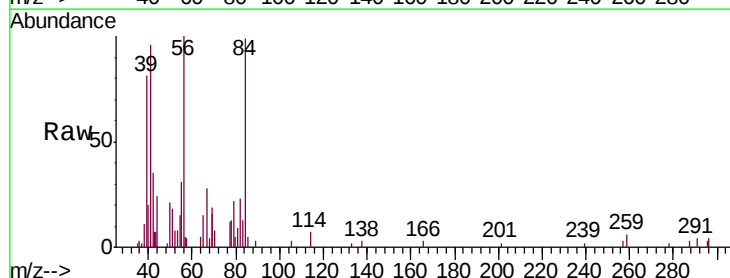
Tgt Ion: 84 Resp: 9133

Ion Ratio Lower Upper

84 100

56 0.0 105.0 157.4#

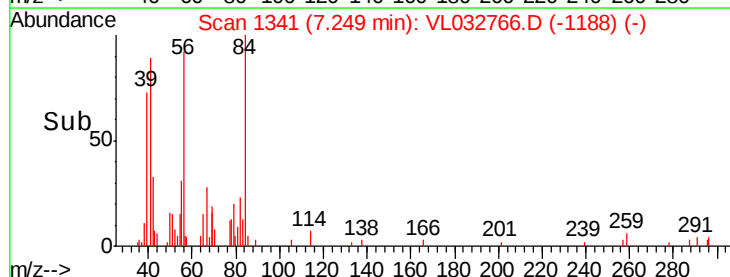
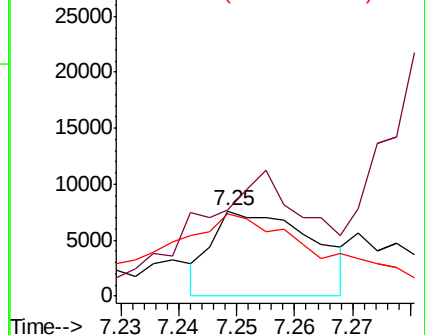
41 172.2 65.3 97.9#

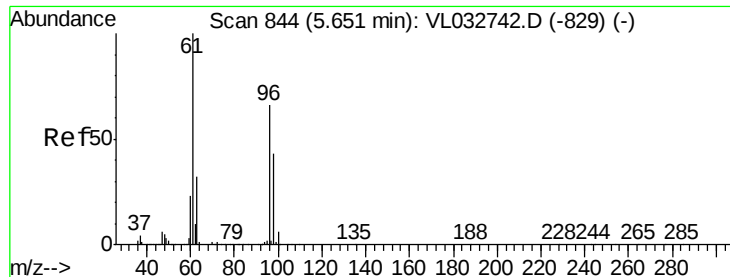


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



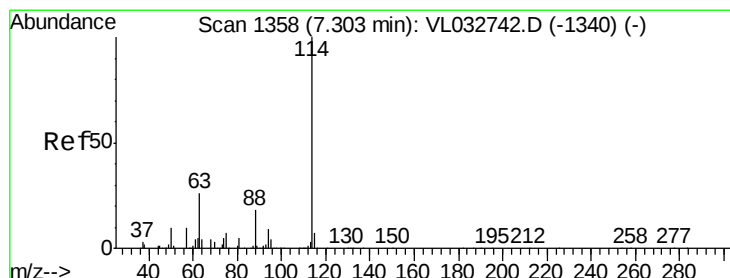
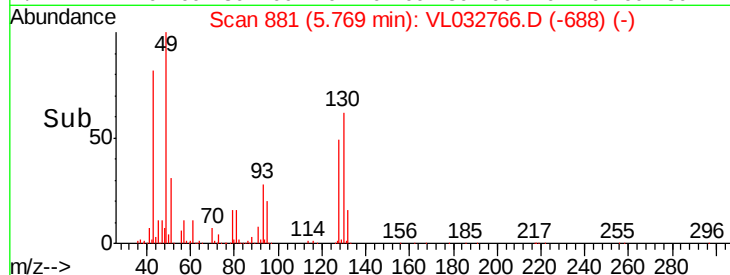
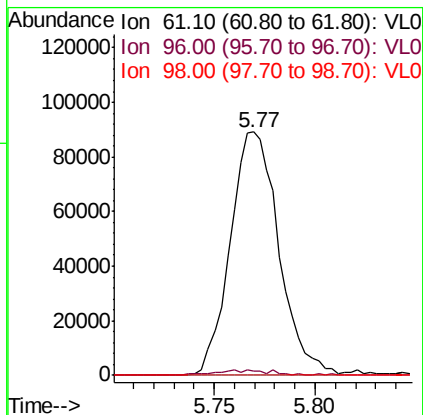
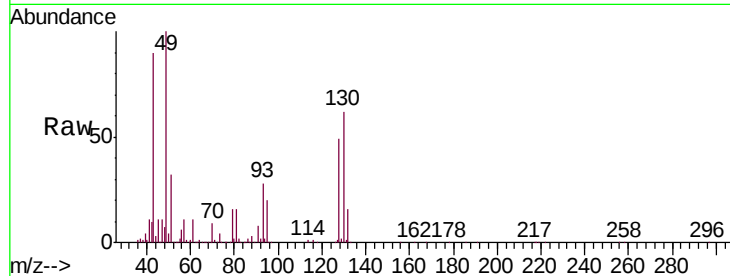


#31

cis-1,2-Dichloroethene
 Concen: 1.130 ppbv
 RT: 5.77 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: VL032766.D
 Acq: 14 Nov 2018 19:45

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

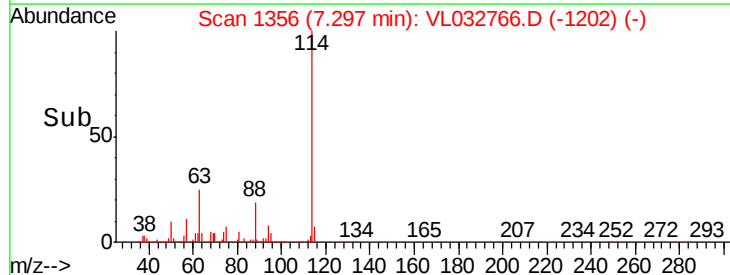
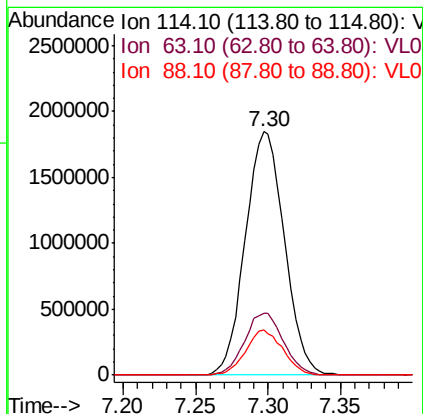
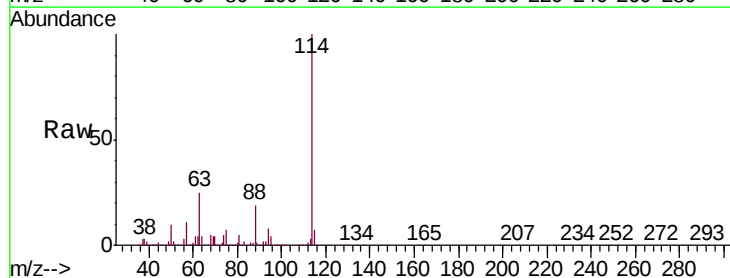
Tgt Ion	Ratio	Lower	Upper
61	100		
96	1.5	53.2	79.8#
98	0.0	34.4	51.6#

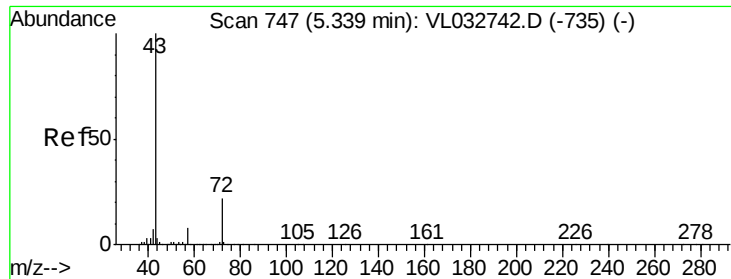


#33

1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: VL032766.D
 Acq: 14 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.9	31.3
88	17.8	14.4	21.6

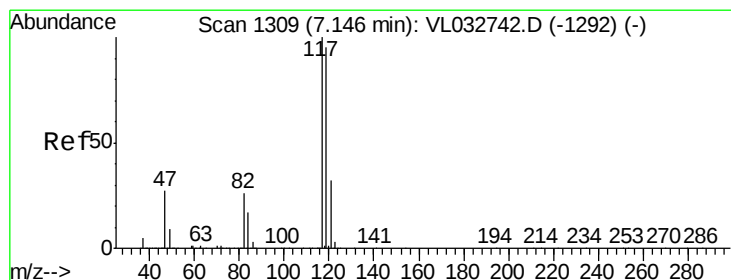
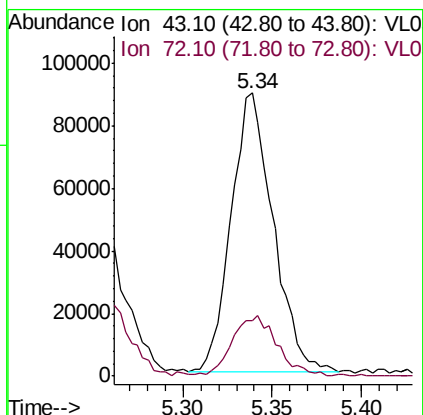
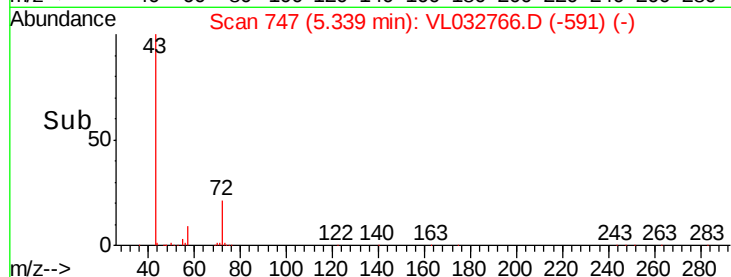
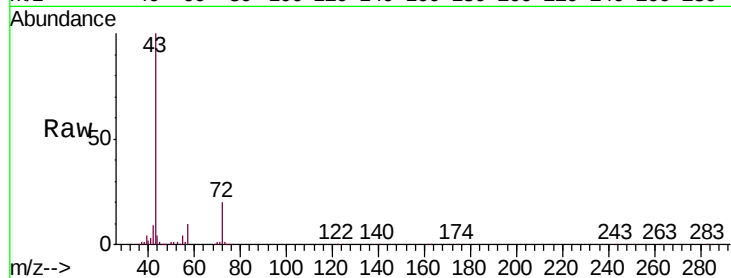




#34
2-Butanone
Concen: 0.813 ppbv
RT: 5.34 min Scan# 747
Delta R.T. 0.00 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

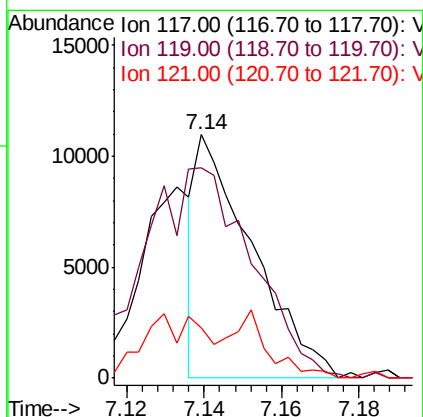
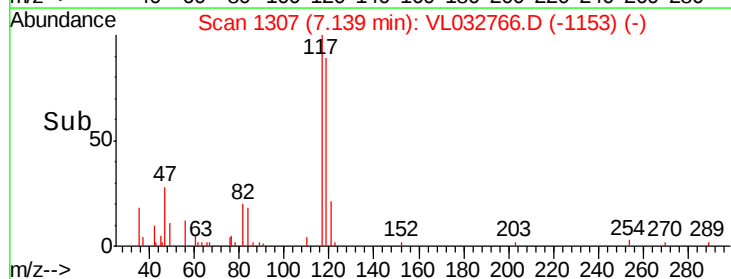
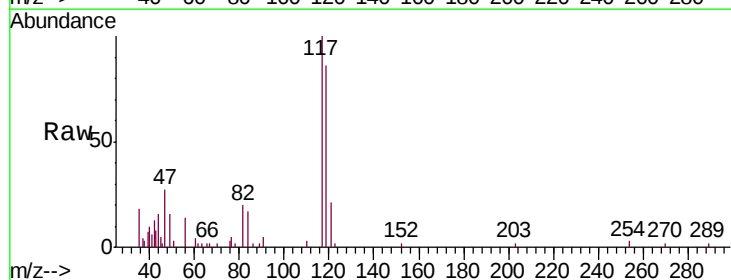
Instrument :
MSVOA_L
ClientSampled :
IA2

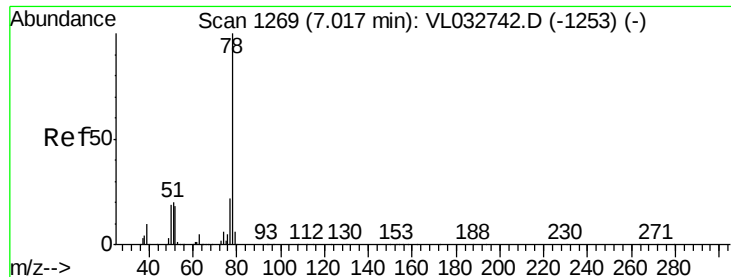
Tgt Ion: 43 Resp: 146085
Ion Ratio Lower Upper
43 100
72 23.4 18.4 27.6



#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 7.14 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

Tgt Ion: 117 Resp: 11003
Ion Ratio Lower Upper
117 100
119 84.3 76.1 114.1
121 20.9 25.4 38.0#





#36

Benzene

Concen: 0.463 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

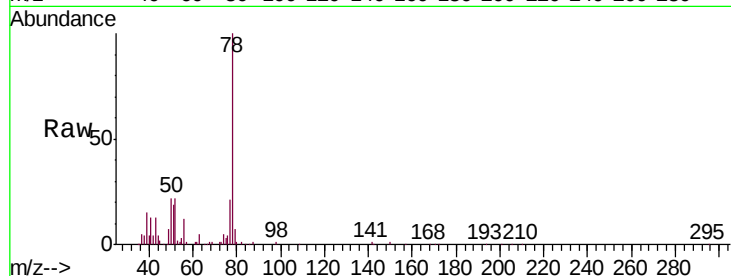
Tgt Ion: 78 Resp: 127683

Ion Ratio Lower Upper

78 100

77 20.3 17.8 26.8

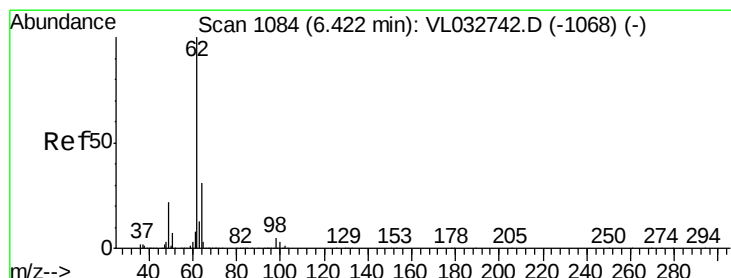
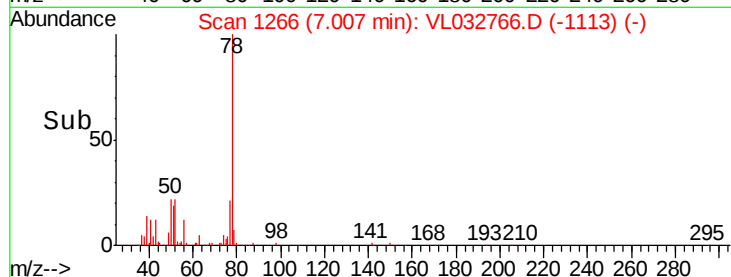
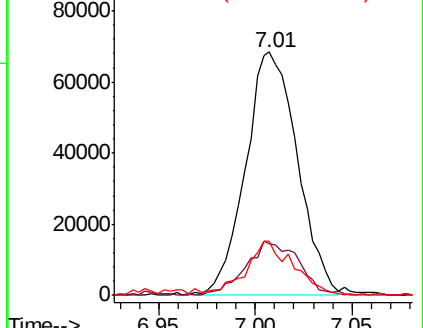
50 21.6 15.4 23.0



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: 0.064 ppbv

RT: 6.42 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VL032766.D

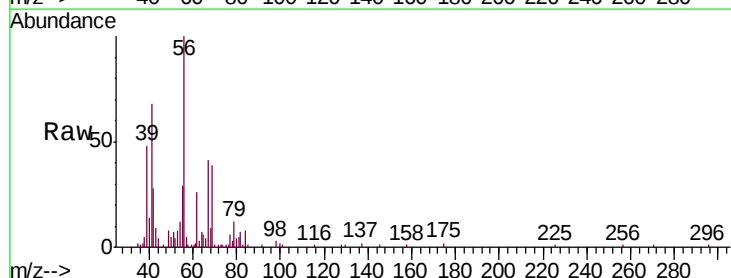
Acq: 14 Nov 2018 19:45

Tgt Ion: 62 Resp: 11960

Ion Ratio Lower Upper

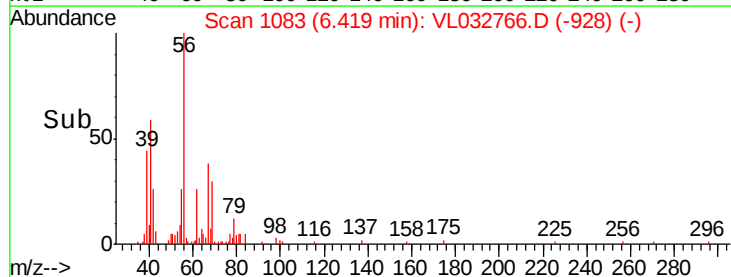
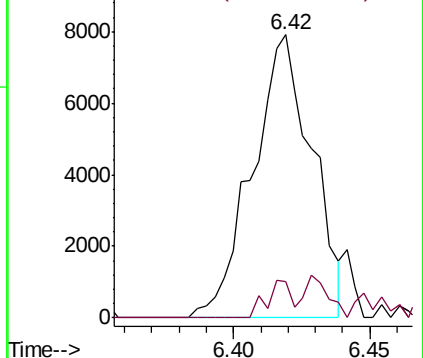
62 100

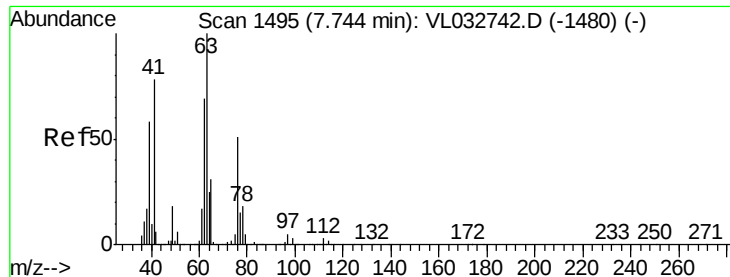
98 16.5 4.5 6.7#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#39

1,2-Dichloropropane

Concen: 8.331 ppbv

RT: 7.30 min Scan# 1357

Delta R.T. -0.44 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

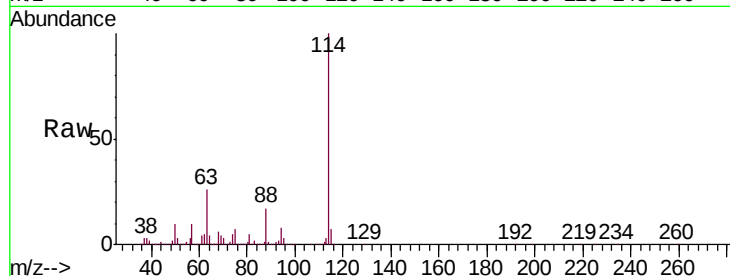
Tgt Ion: 63 Resp: 876081

Ion Ratio Lower Upper

63 100

41 0.0 62.0 93.0#

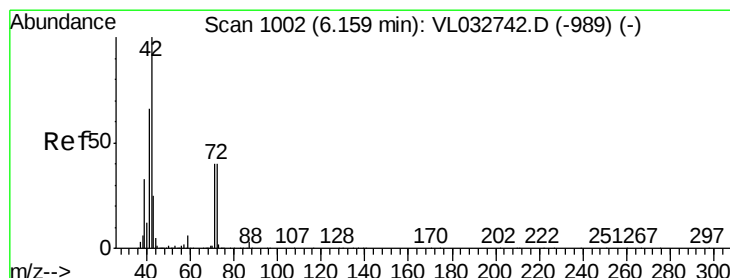
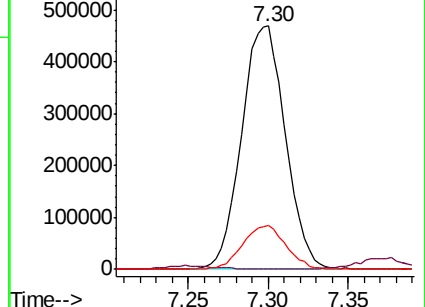
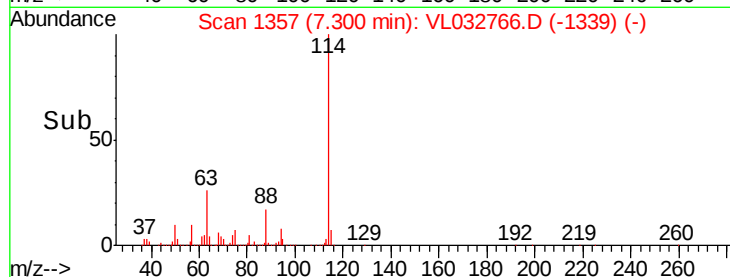
62 17.8 55.4 83.2#



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



#41

Tetrahydrofuran

Concen: 0.143 ppbv

RT: 6.16 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

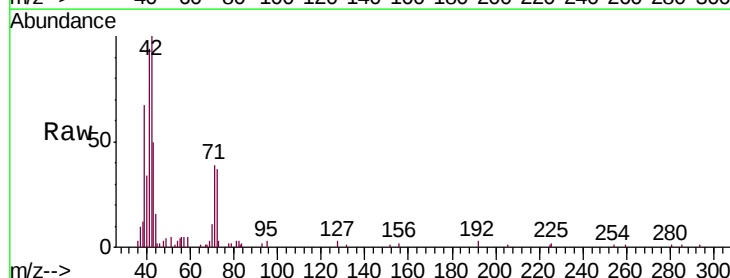
Tgt Ion: 42 Resp: 14759

Ion Ratio Lower Upper

42 100

72 0.0 32.4 48.6#

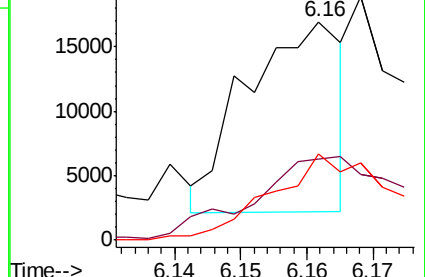
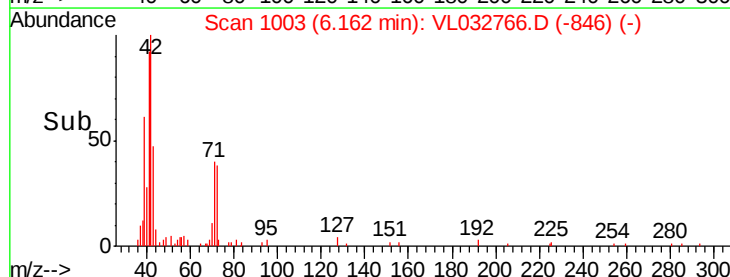
71 69.7 31.6 47.4#

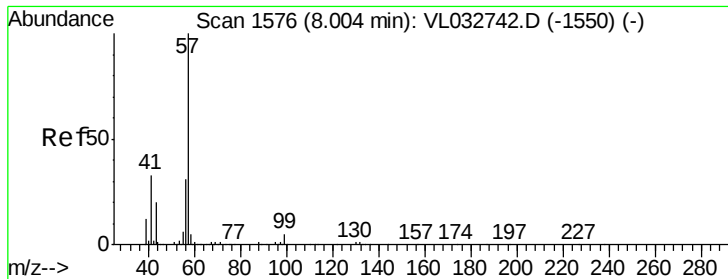


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.127 ppbv

RT: 8.00 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

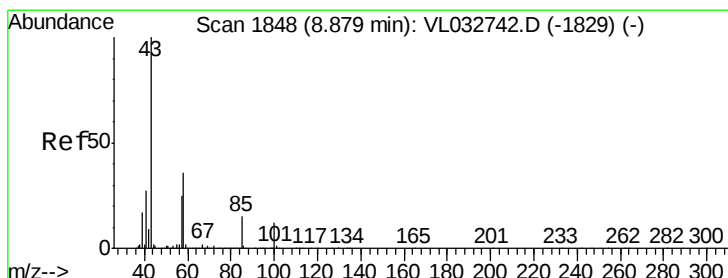
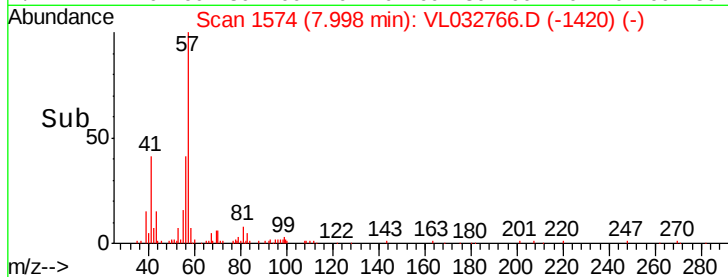
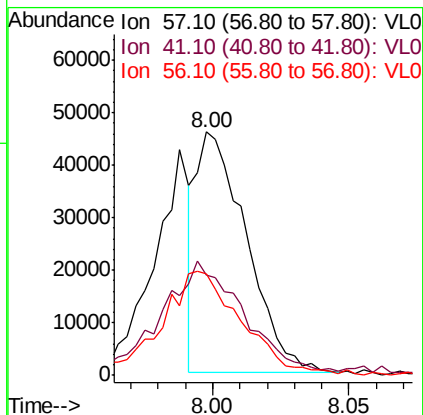
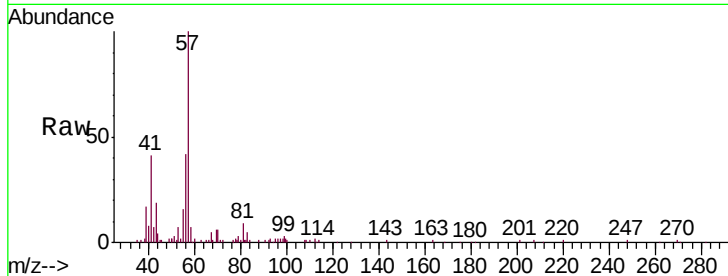
Tgt Ion: 57 Resp: 58454

Ion Ratio Lower Upper

57 100

41 78.7 26.6 39.8#

56 70.9 24.8 37.2#



#50

4-Methyl-2-Pentanone

Concen: 0.035 ppbv

RT: 8.88 min Scan# 1849

Delta R.T. 0.00 min

Lab File: VL032766.D

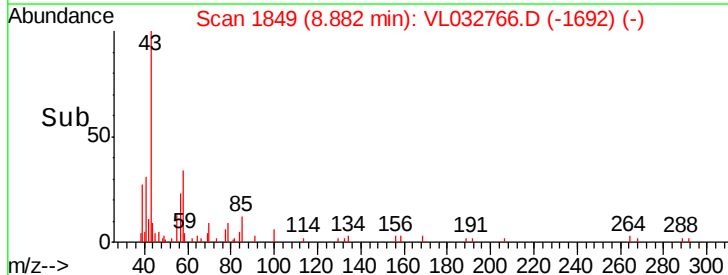
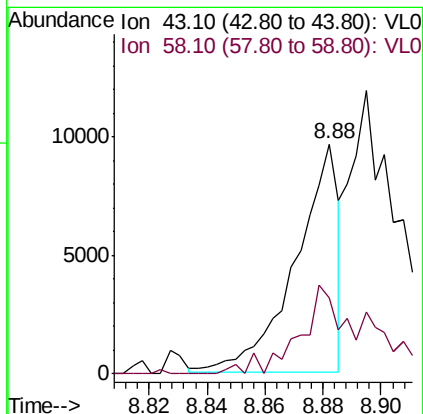
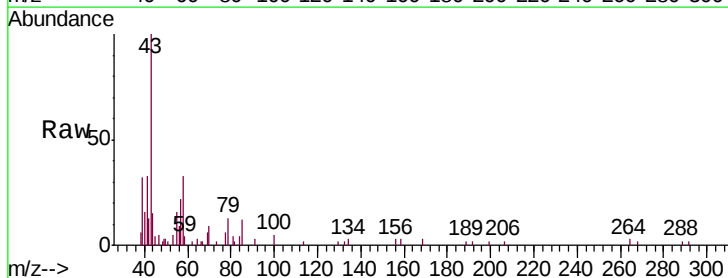
Acq: 14 Nov 2018 19:45

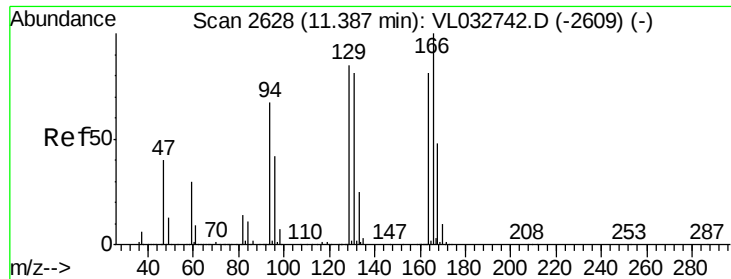
Tgt Ion: 43 Resp: 9826

Ion Ratio Lower Upper

43 100

58 65.3 28.8 43.2#





#52

Tetrachloroethene

Concen: 2.068 ppbv

RT: 11.38 min Scan# 2625

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

Tgt Ion:164 Resp: 198587

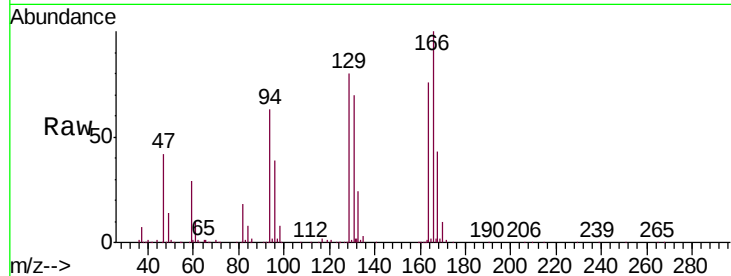
Ion Ratio Lower Upper

164 100

166 131.2 99.3 148.9

129 104.5 83.9 125.9

131 93.4 80.8 121.2

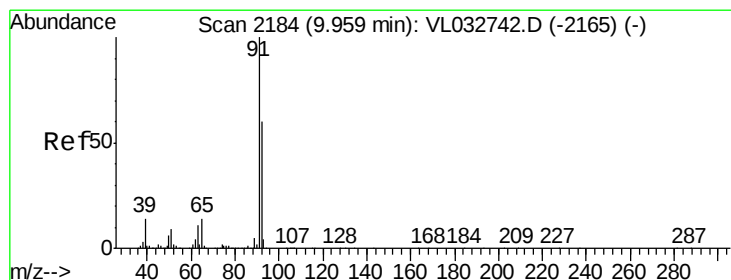
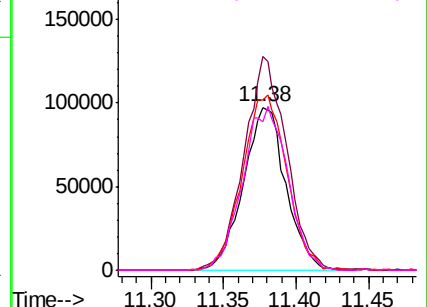
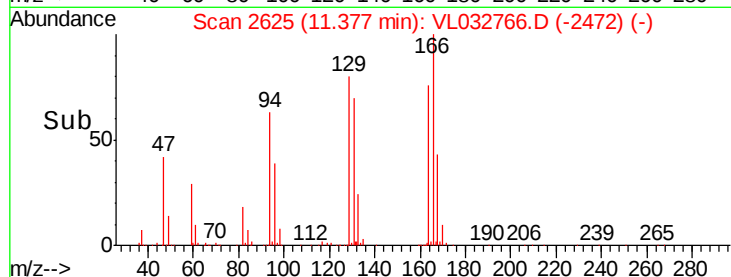


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Toluene

Concen: 1.203 ppbv

RT: 9.95 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL032766.D

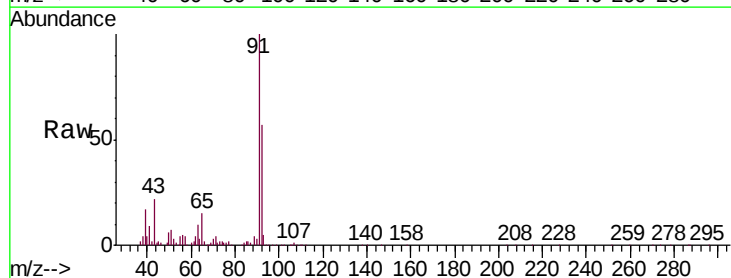
Acq: 14 Nov 2018 19:45

Tgt Ion: 91 Resp: 346366

Ion Ratio Lower Upper

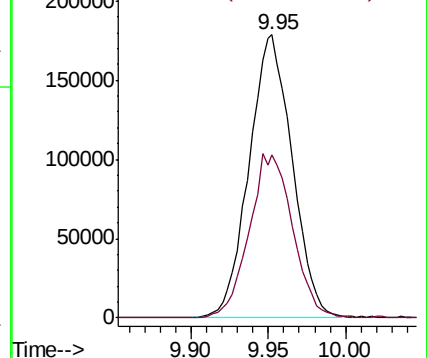
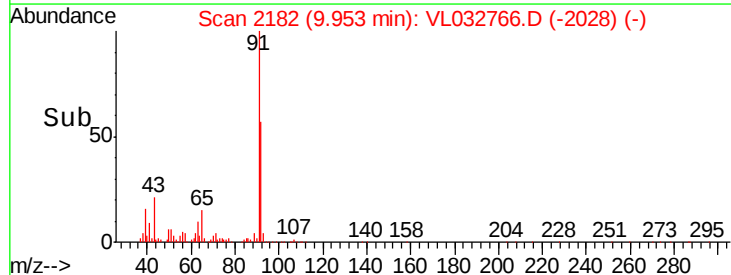
91 100

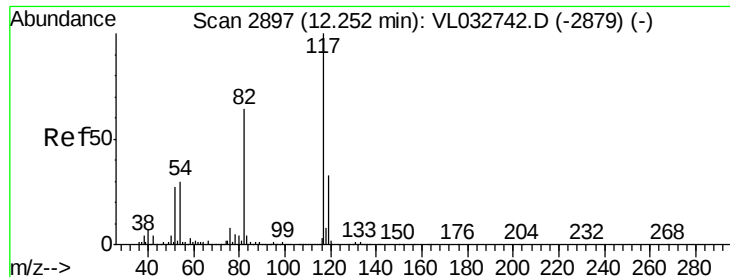
92 58.4 47.9 71.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

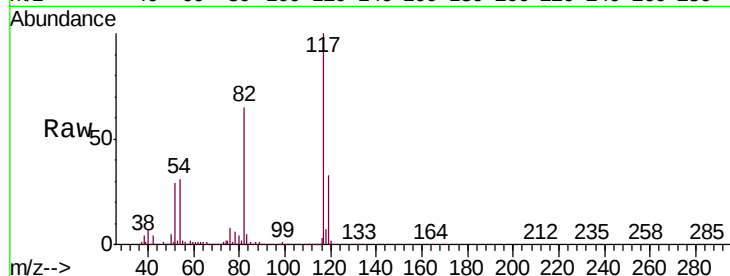




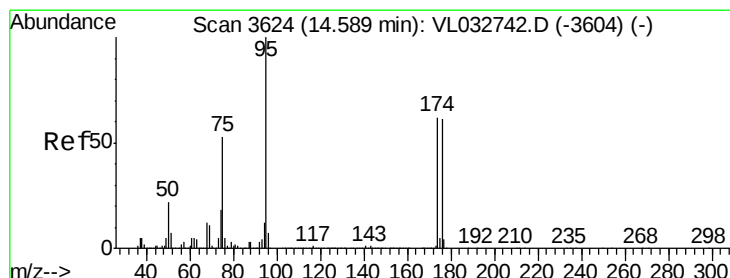
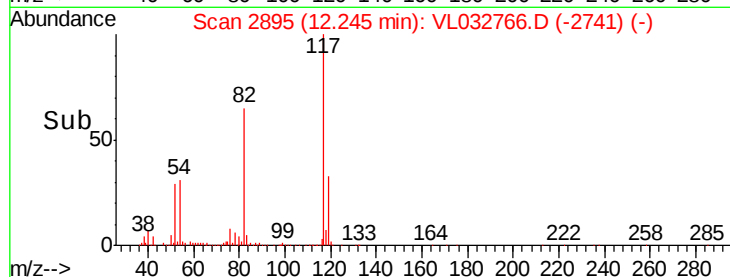
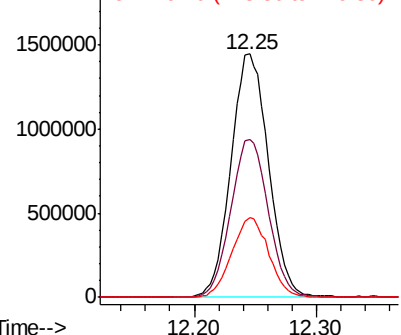
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

Instrument :
MSVOA_L
ClientSampleId :
IA2

Tgt Ion: 117 Resp: 3063873
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.6
119 32.4 28.0 42.0

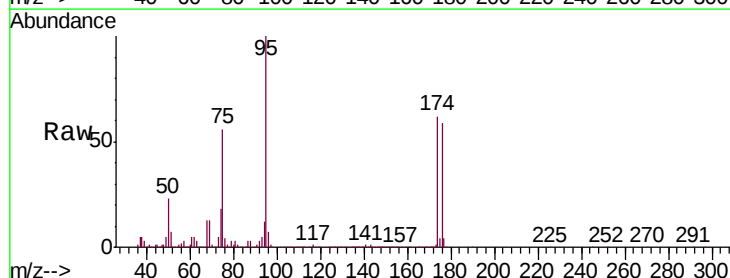


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

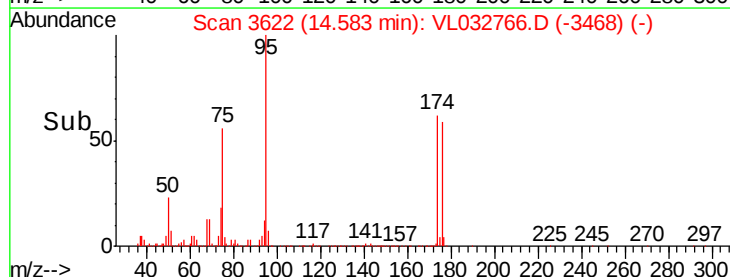
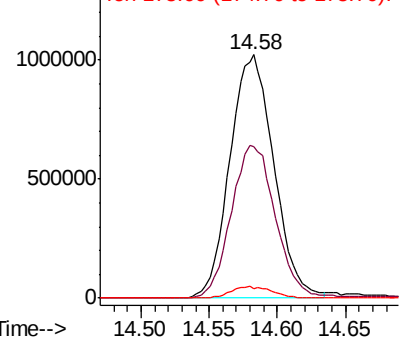


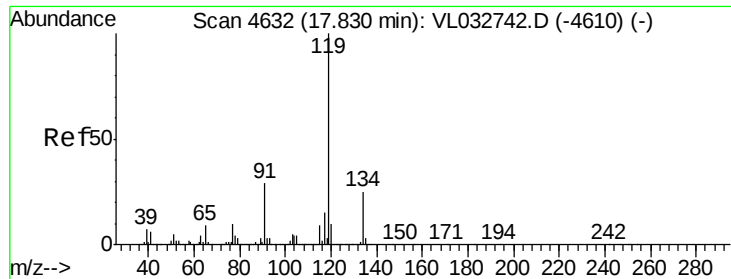
#68
1-Bromo-4-Fluorobenzene
Concen: 9.975 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032766.D
Acq: 14 Nov 2018 19:45

Tgt Ion: 95 Resp: 2285980
Ion Ratio Lower Upper
95 100
174 64.4 50.7 76.1
175 4.6 3.8 5.6



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: 0.136 ppbv

RT: 17.82 min Scan# 4630

Delta R.T. -0.01 min

Lab File: VL032766.D

Acq: 14 Nov 2018 19:45

Instrument :

MSVOA_L

ClientSampleId :

IA2

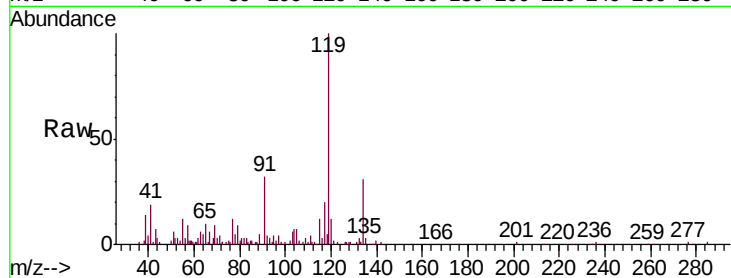
Tgt Ion:119 Resp: 62310

Ion Ratio Lower Upper

119 100

134 44.9 20.2 30.4#

91 62.6 23.5 35.3#



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): VLO

