

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033203.D
 Acq On : 14 Feb 2019 18:19
 Operator : SY/AP
 Sample : K1483-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 20 08:32:06 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 20 06:00:52 2019

QLast Update : Wed Feb 20 06:00:52 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	937980	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2121668	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2217567	10.00	ppbv	0.00

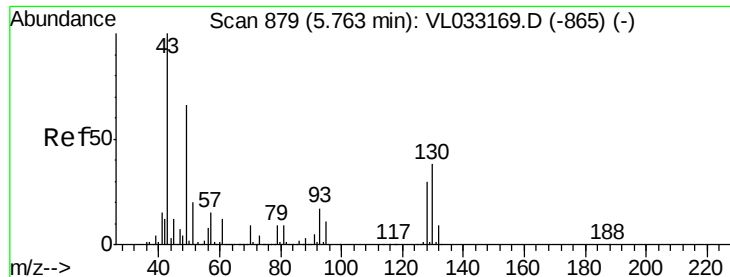
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1770413	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.08	85	63175	0.352	ppbv	95
3) Chlorodifluoromethane	3.02	51	34859m	0.309	ppbv	
4) Chloromethane	3.17	50	9278m	0.156	ppbv	
7) Chloroethane	3.60	64	27263	1.339	ppbv	95
10) Heptane	8.25	43	27740	0.168	ppbv	96
11) Trichlorofluoromethane	4.01	101	47735	0.329	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	123355	1.226	ppbv	100
13) Ethanol	3.65	45	43370	2.339	ppbv	93
15) Acetone	3.90	43	677316	6.409	ppbv #	83
18) 1,1-Dichloroethene	4.35	96	57775	1.283	ppbv	93
19) Isopropyl Alcohol	4.02	45	905968	12.641	ppbv	100
20) Methylene Chloride	4.41	84	71165	1.693	ppbv	94
22) trans-1,2-Dichloroethene	4.96	96	13410	0.307	ppbv #	89
24) 1,1-Dichloroethane	5.09	63	3462528	26.728	ppbv	100
26) Hexane	5.78	57	90282	0.809	ppbv #	43
31) cis-1,2-Dichloroethene	5.64	61	30812	0.276	ppbv #	85
32) 1,1,1-Trichloroethane	6.62	97	5482456	29.128	ppbv	98
34) 2-Butanone	5.34	43	49528	0.368	ppbv	93
35) Carbon Tetrachloride	7.14	117	11343m	0.070	ppbv	
36) Benzene	7.01	78	46404	0.216	ppbv #	95
38) Trichloroethene	7.96	130	88875	0.967	ppbv	90
40) 1,4-Dioxane	7.96	88	141979m	4.709	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	116729m	0.320	ppbv	
47) 1,1,2-Trichloroethane	9.61	97	12125m	0.138	ppbv	
52) Tetrachloroethene	11.37	164	74285	0.899	ppbv	93
53) Toluene	9.95	91	221063m	0.868	ppbv	
58) Ethyl Benzene	12.87	91	157465	0.433	ppbv	96
59) m/p-Xylene	13.12	91	689686	2.278	ppbv	97
60) o-Xylene	13.85	91	181009	0.613	ppbv	97
74) 1,2,4-Trimethylbenzene	16.93	105	110889	0.328	ppbv #	77

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.00 min

Lab File: VL033203.D

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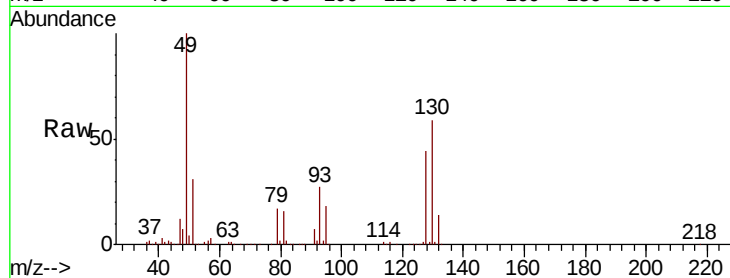
Tot Ion: 49 Resp: 937980

Ion Ratio Lower Upper

49 100

128 45.9 23.6 71.0

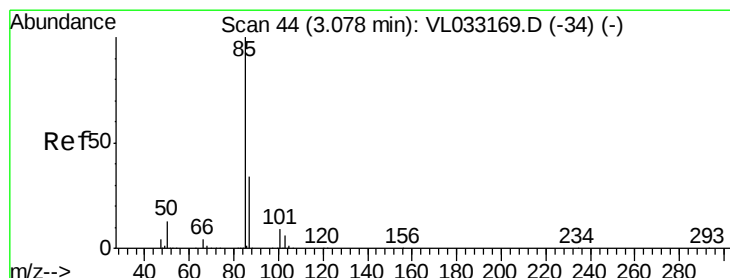
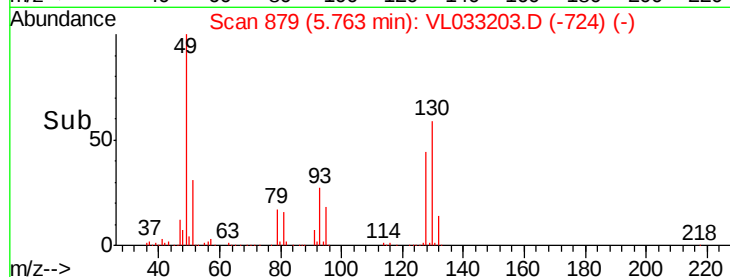
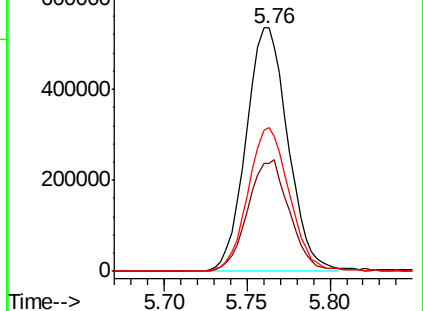
130 58.9 30.3 91.0



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: 0.352 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033203.D

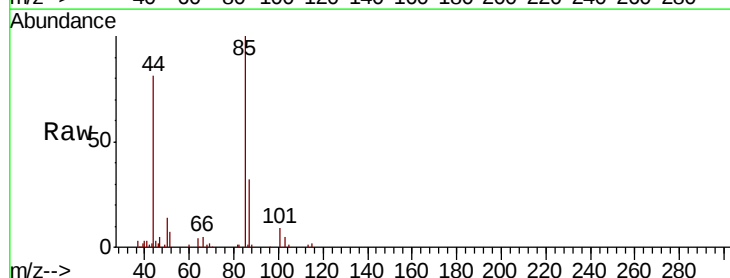
Acq: 14 Feb 2019 18:19

Tgt Ion: 85 Resp: 63175

Ion Ratio Lower Upper

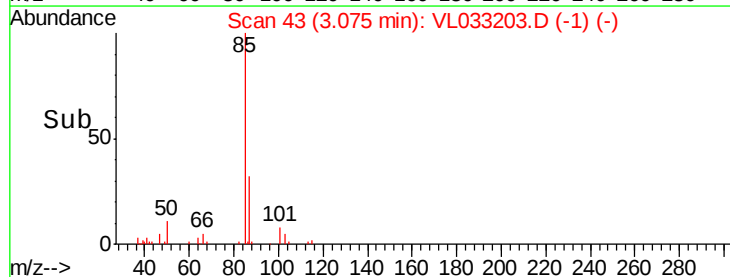
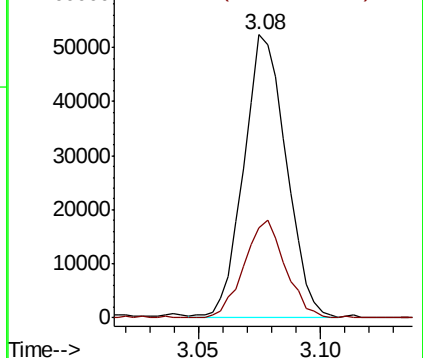
85 100

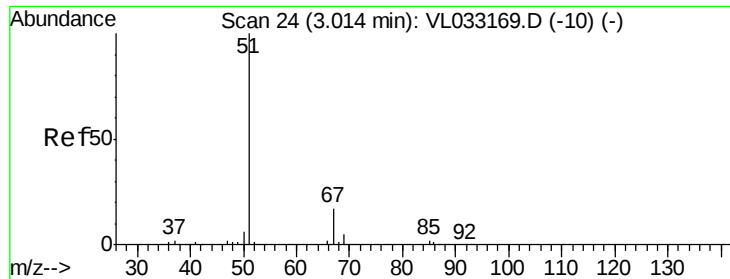
87 31.7 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

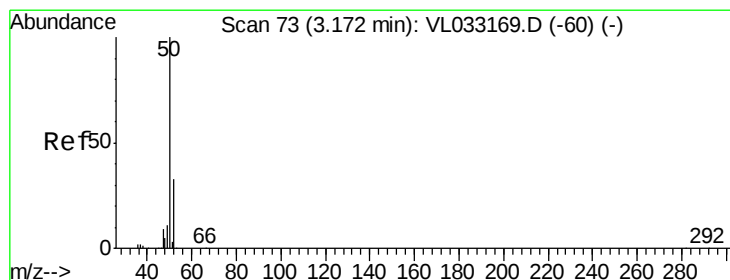
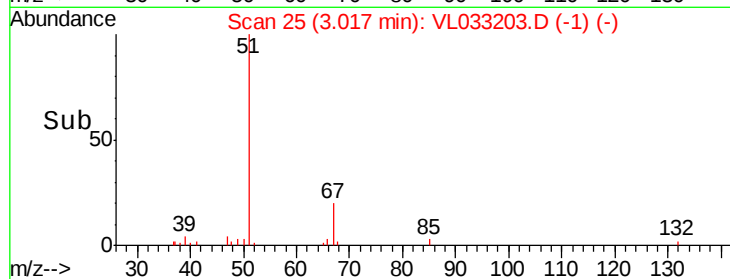
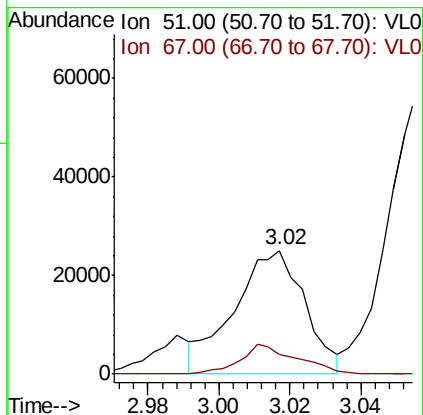
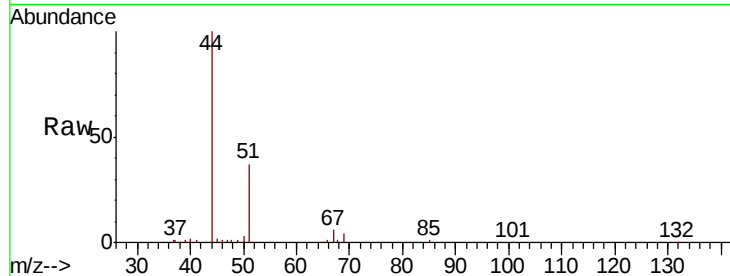




#3

Chlorodifluoromethane
 Concen: 0.309 ppbv m
 RT: 3.02 min Scan# 25
 Delta R.T. 0.00 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

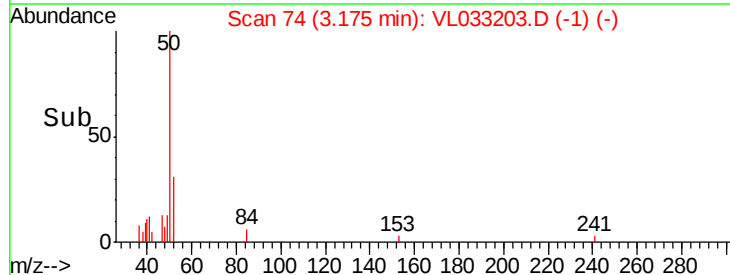
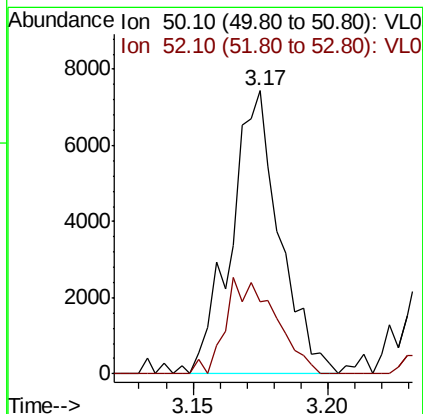
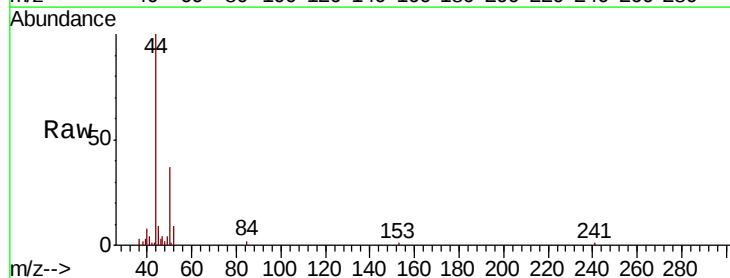
Tot Ion: 51 Resp: 34859
 Ion Ratio Lower Upper
 51 100
 67 19.5 14.0 21.0

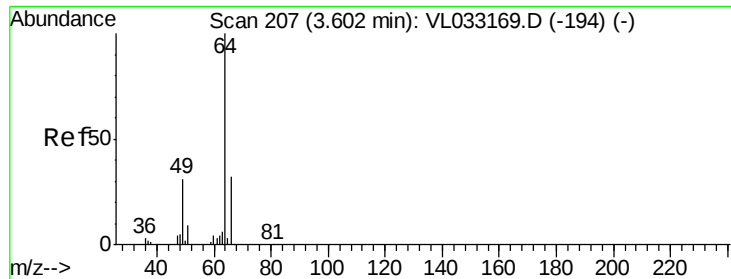


#4

Chloromethane
 Concen: 0.156 ppbv m
 RT: 3.17 min Scan# 74
 Delta R.T. 0.00 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tgt Ion: 50 Resp: 9278
 Ion Ratio Lower Upper
 50 100
 52 25.3 26.5 39.7#





#7

Chloroethane

Concen: 1.339 ppbv

RT: 3.60 min Scan# 207

Delta R.T. -0.00 min

Lab File: VL033203.D

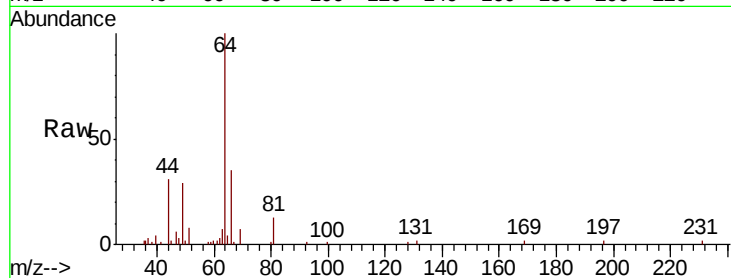
Acq: 14 Feb 2019 18:19

Tot Ion: 64 Resp: 27263

Ion Ratio Lower Upper

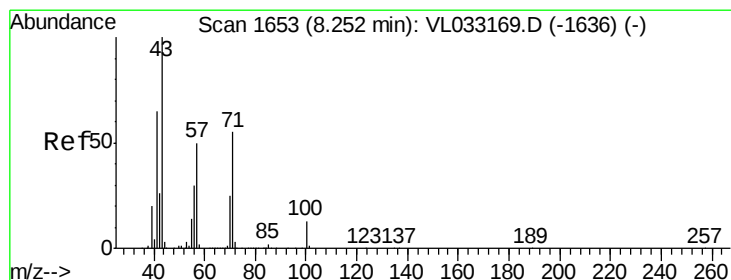
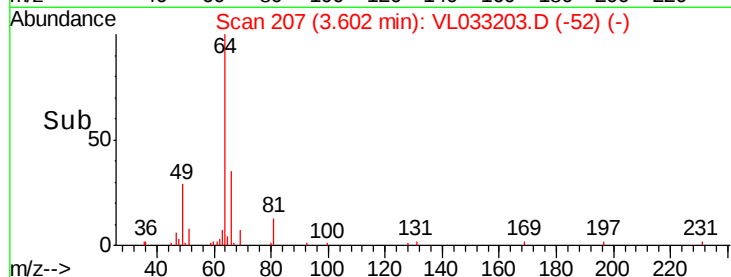
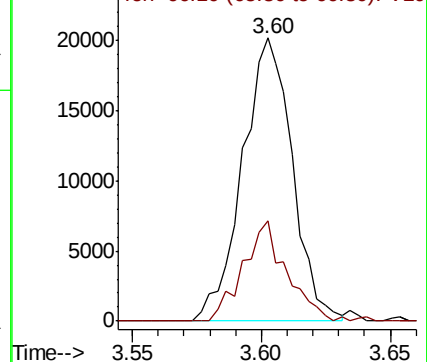
64 100

66 35.4 26.0 39.0



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#10

Heptane

Concen: 0.168 ppbv

RT: 8.25 min Scan# 1651

Delta R.T. -0.01 min

Lab File: VL033203.D

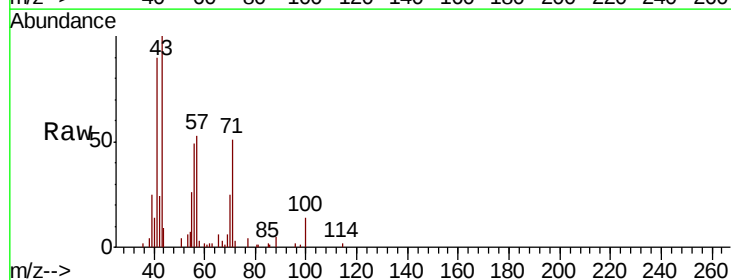
Acq: 14 Feb 2019 18:19

Tgt Ion: 43 Resp: 27740

Ion Ratio Lower Upper

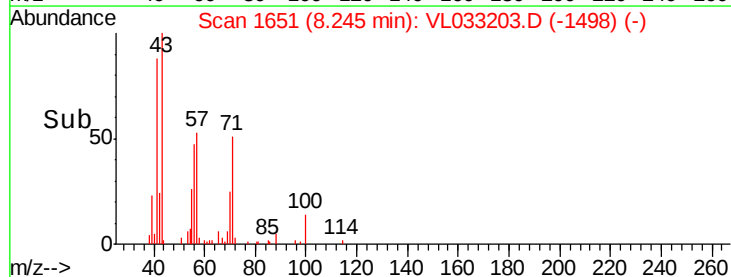
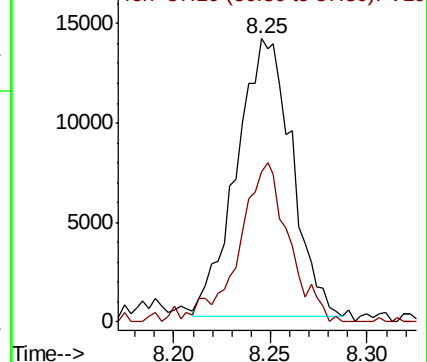
43 100

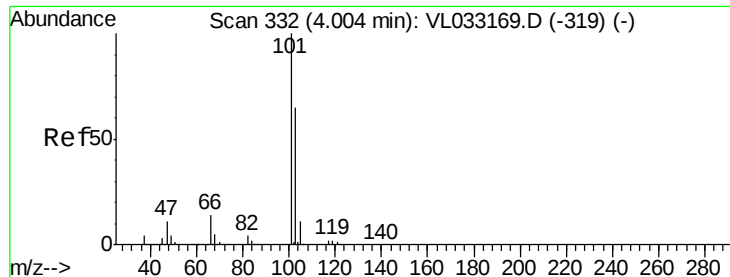
57 52.3 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#11

Trichlorofluoromethane

Concen: 0.329 ppbv

RT: 4.01 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL033203.D

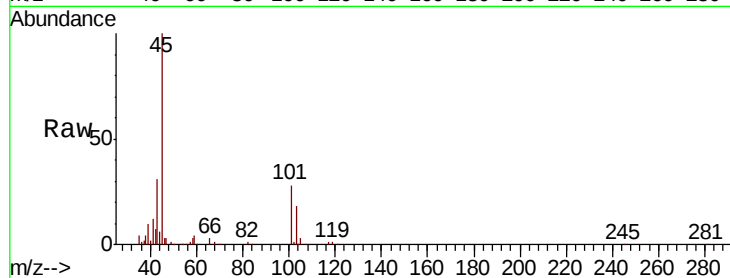
Acq: 14 Feb 2019 18:19

Tot Ion:101 Resp: 47735

Ion Ratio Lower Upper

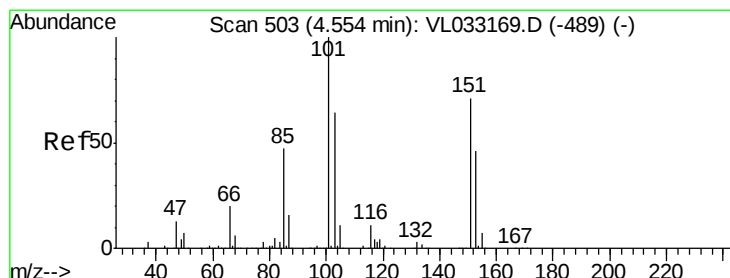
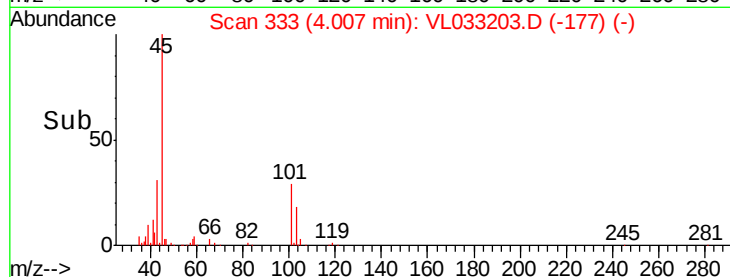
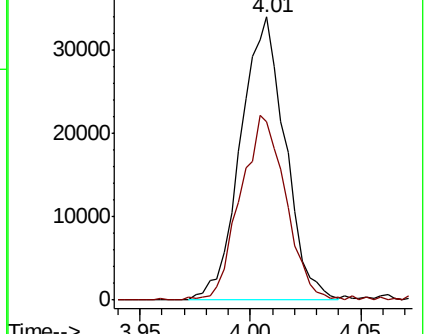
101 100

103 61.9 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 1.226 ppbv

RT: 4.55 min Scan# 503

Delta R.T. -0.00 min

Lab File: VL033203.D

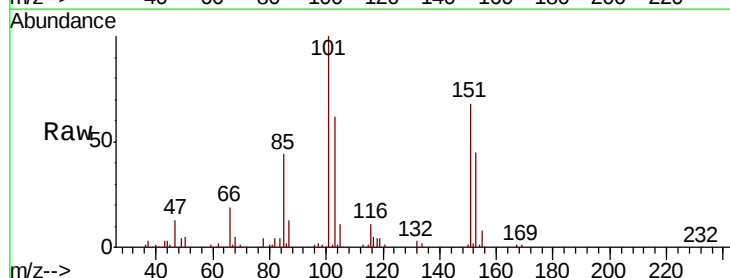
Acq: 14 Feb 2019 18:19

Tgt Ion:101 Resp: 123355

Ion Ratio Lower Upper

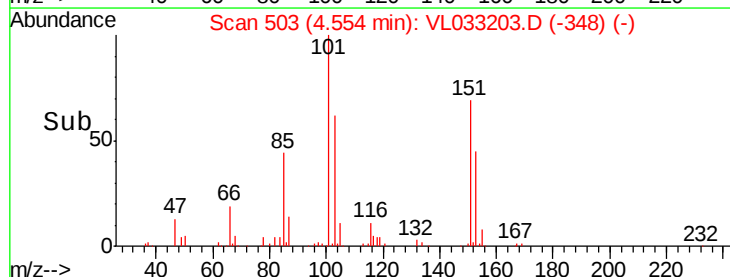
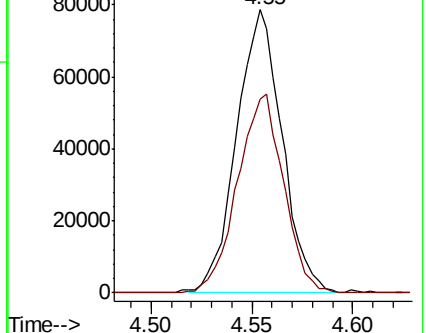
101 100

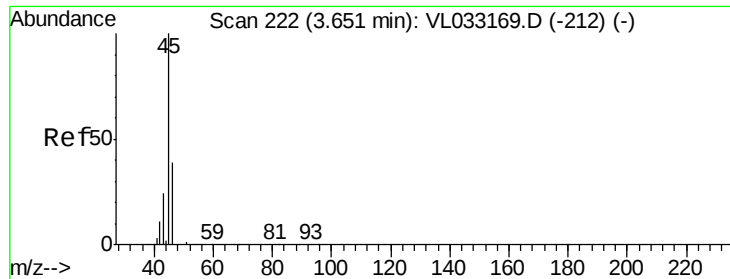
151 71.4 57.4 86.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 2.339 ppbv

RT: 3.65 min Scan# 222

Delta R.T. -0.00 min

Lab File: VL033203.D

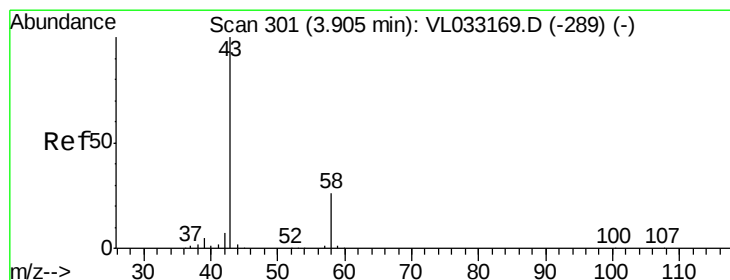
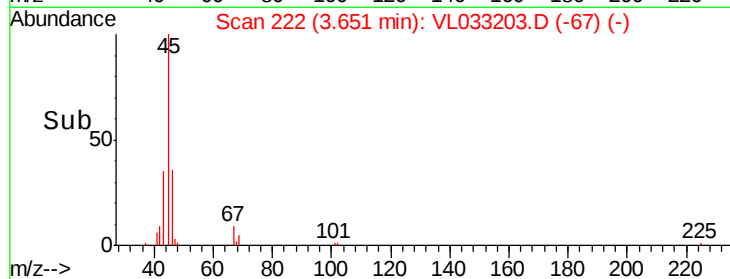
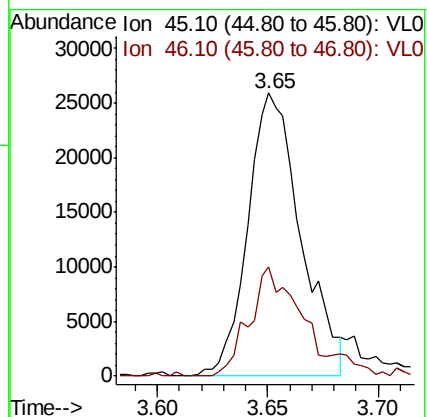
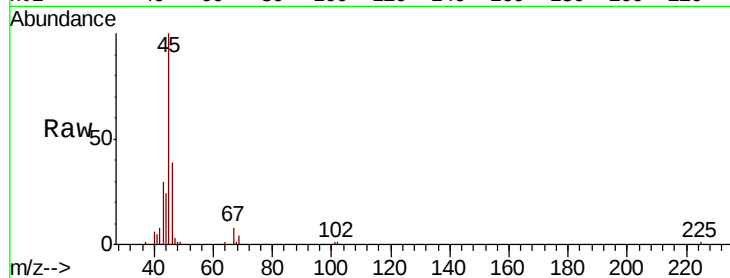
Acq: 14 Feb 2019 18:19

Tot Ion: 45 Resp: 43370

Ion Ratio Lower Upper

45 100

46 41.6 15.0 60.2



#15

Acetone

Concen: 6.409 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL033203.D

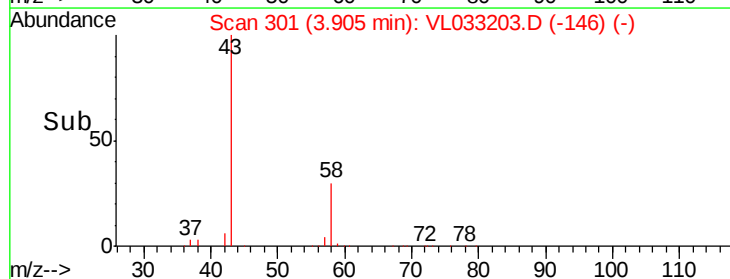
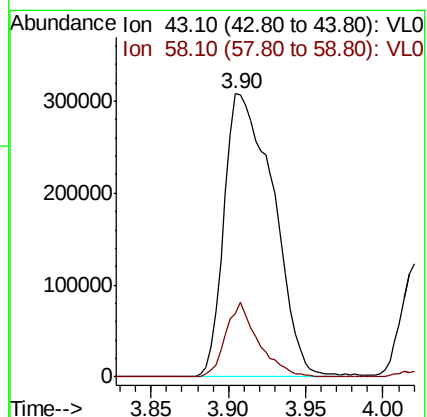
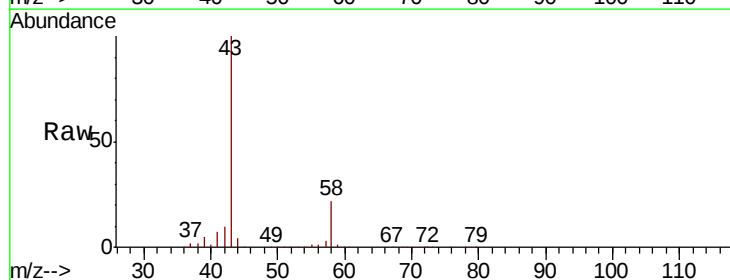
Acq: 14 Feb 2019 18:19

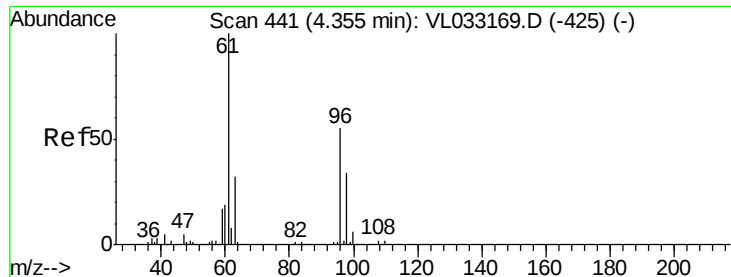
Tgt Ion: 43 Resp: 677316

Ion Ratio Lower Upper

43 100

58 17.8 21.1 31.7#





#18

1,1-Dichloroethene

Concen: 1.283 ppbv

RT: 4.35 min Scan# 440

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

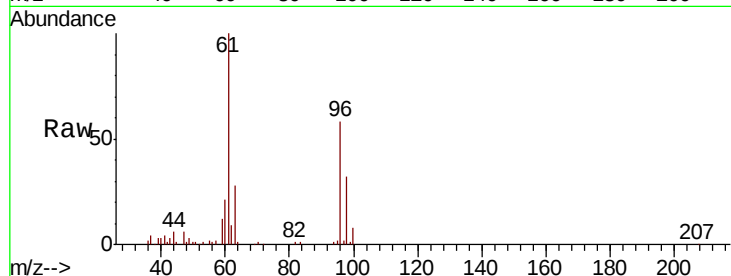
Tot Ion: 96 Resp: 57775

Ion Ratio Lower Upper

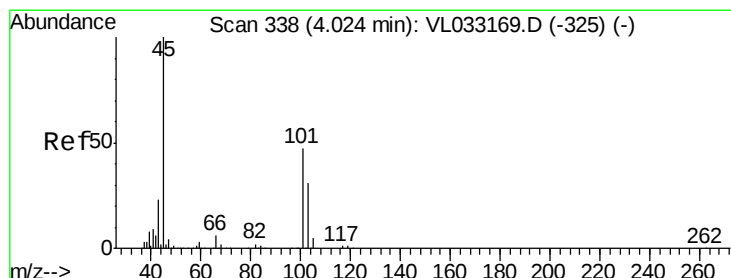
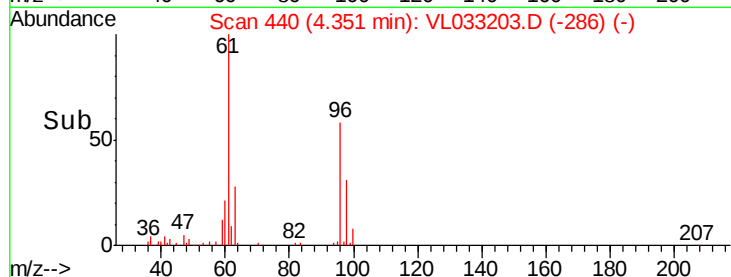
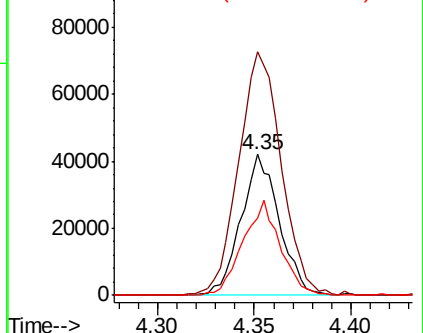
96 100

61 172.4 145.0 217.6

98 54.5 50.0 75.0



Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#19

Isopropyl Alcohol

Concen: 12.641 ppbv

RT: 4.02 min Scan# 338

Delta R.T. -0.00 min

Lab File: VL033203.D

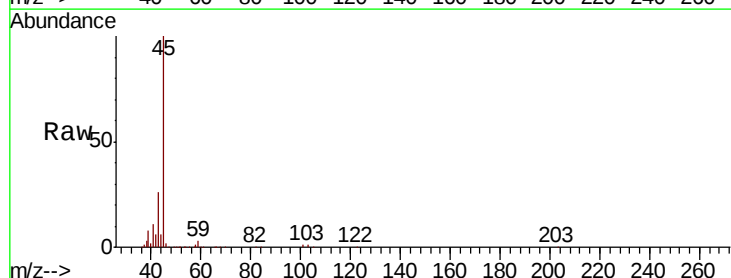
Acq: 14 Feb 2019 18:19

Tgt Ion: 45 Resp: 905968

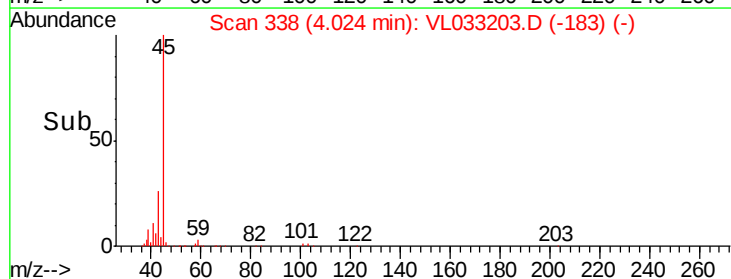
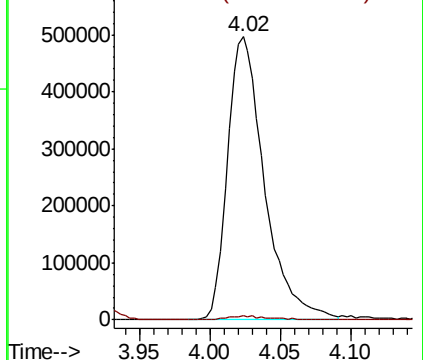
Ion Ratio Lower Upper

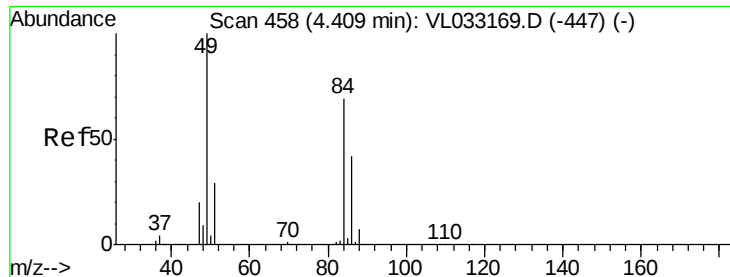
45 100

58 1.8 1.5 2.3



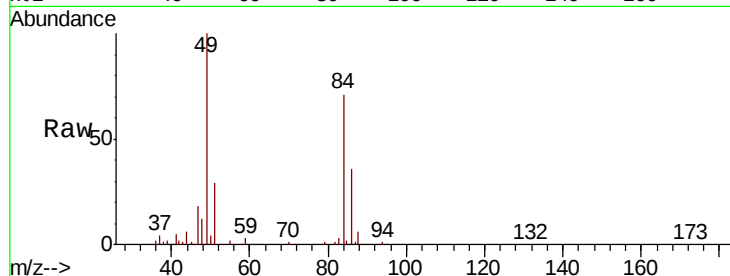
Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#20
Methylene Chloride
Concen: 1.693 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL033203.D
Acq: 14 Feb 2019 18:19

Tot Ion	Ratio	Lower	Upper
84	100		
49	138.5	115.8	173.8
51	39.8	33.0	49.6
86	51.1	48.2	72.2



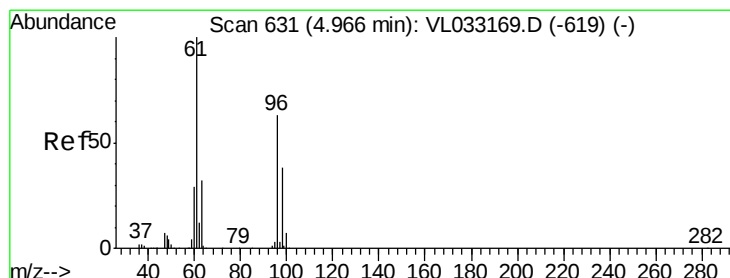
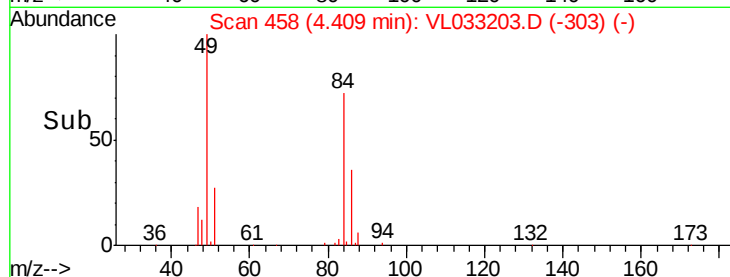
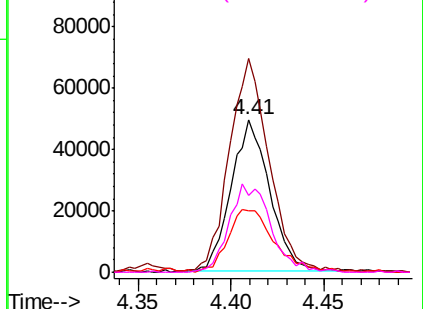
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

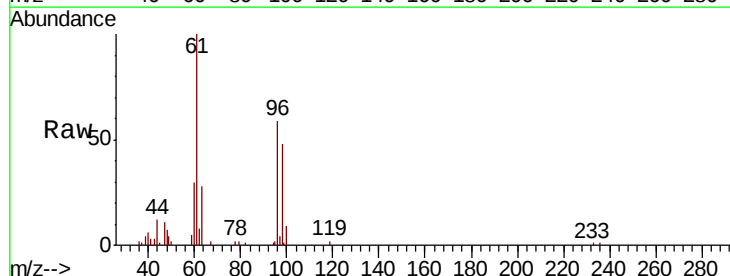
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#22
trans-1,2-Dichloroethene
Concen: 0.307 ppbv
RT: 4.96 min Scan# 630
Delta R.T. -0.00 min
Lab File: VL033203.D
Acq: 14 Feb 2019 18:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.9	126.4	189.6
98	80.0	48.4	72.6

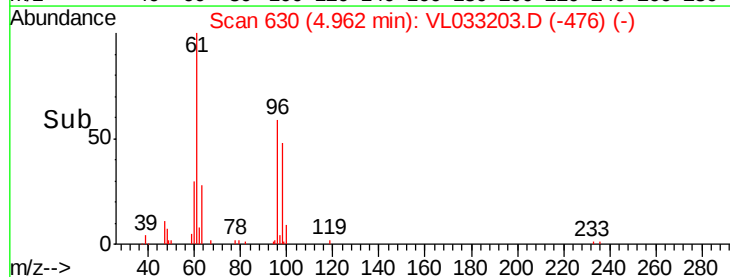
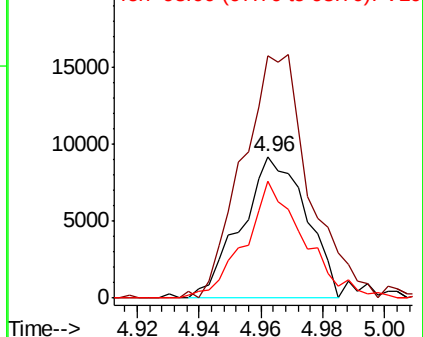


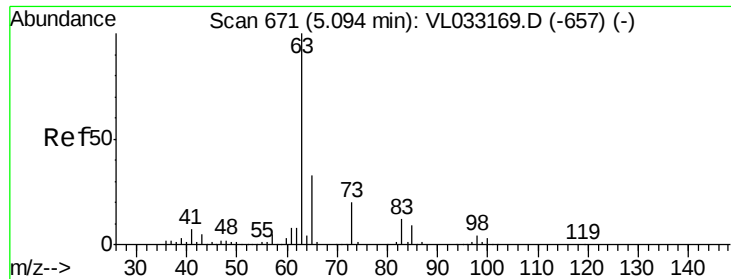
Abundance

Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#24

1,1-Dichloroethane

Concen: 26.728 ppbv

RT: 5.09 min Scan# 670

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

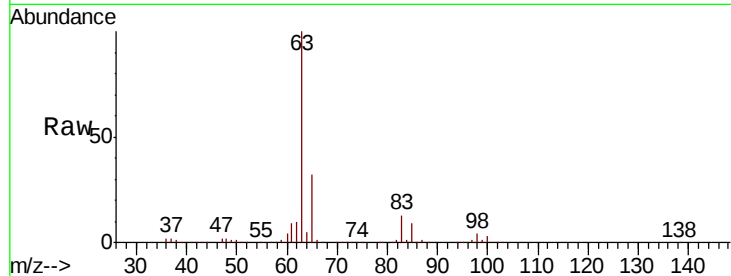
Tot Ion: 63 Resp: 3462528

Ion Ratio Lower Upper

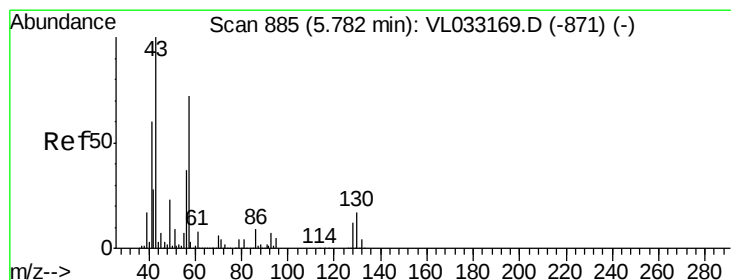
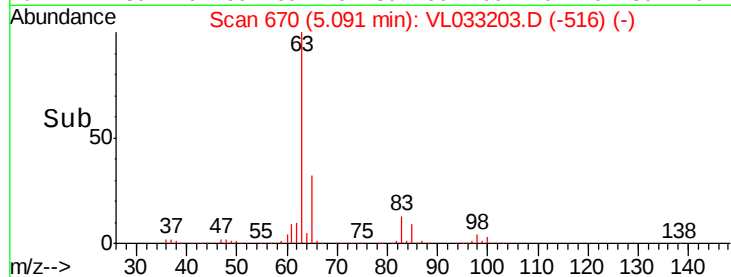
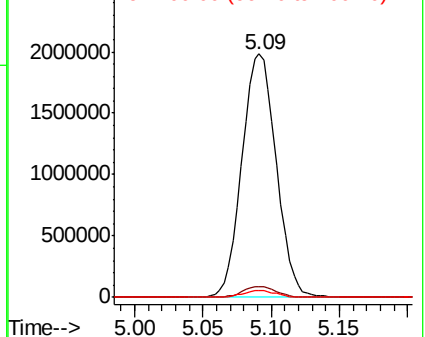
63 100

98 4.1 2.1 6.5

100 2.9 1.4 4.2



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0



#26

Hexane

Concen: 0.809 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tgt Ion: 57 Resp: 90282

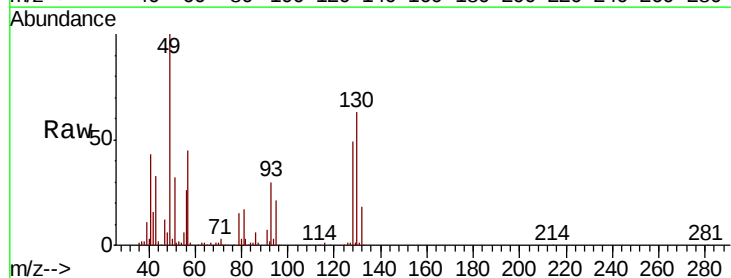
Ion Ratio Lower Upper

57 100

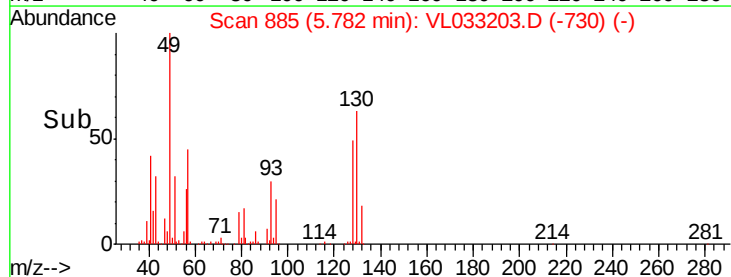
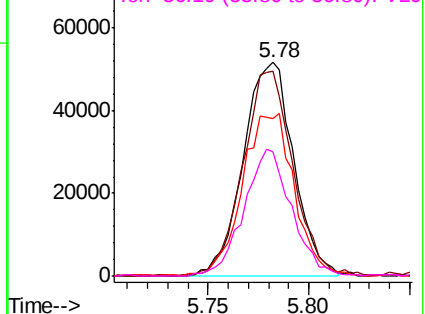
41 96.0 69.4 104.2

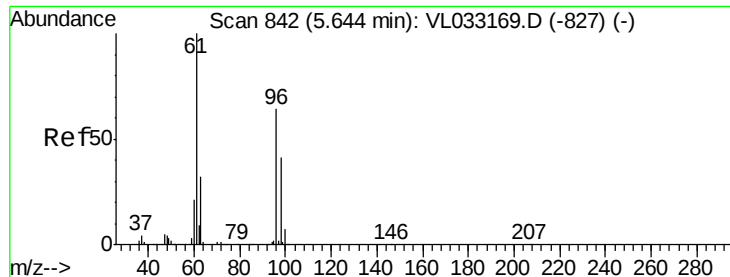
43 78.7 176.7 265.1#

56 55.9 41.4 62.0



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

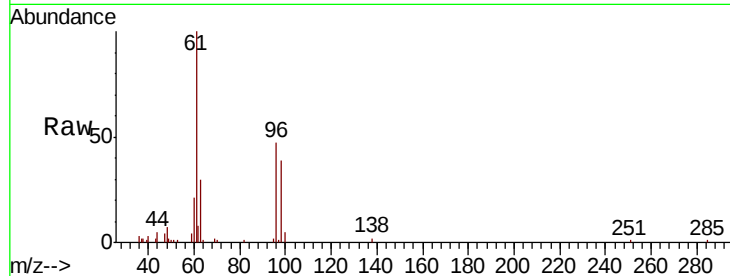




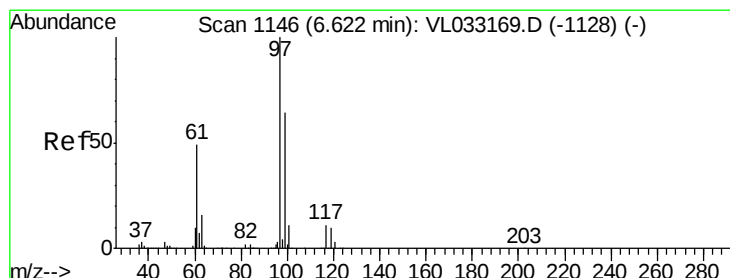
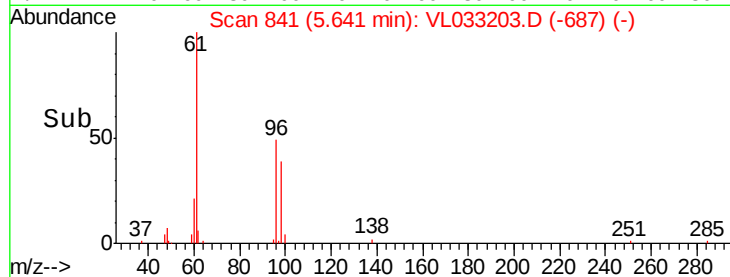
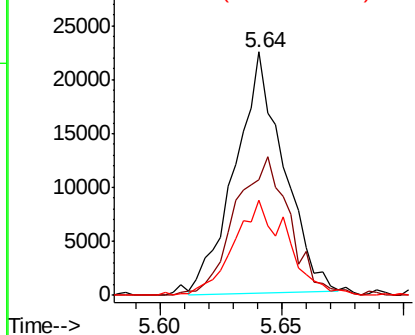
#31

cis-1,2-Dichloroethene
 Concen: 0.276 ppbv
 RT: 5.64 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tot Ion	61.10	Resp	30812
Ion Ratio	Lower	Upper	
61	100		
96	46.4	51.2	76.8#
98	39.1	32.8	49.2



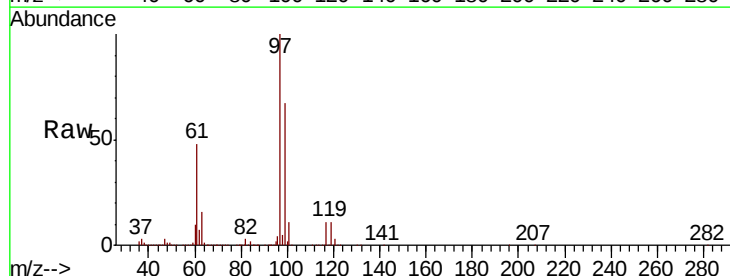
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



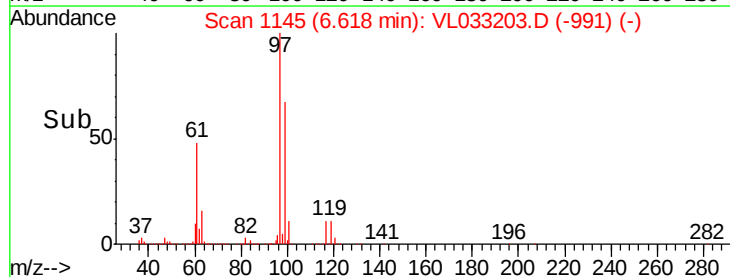
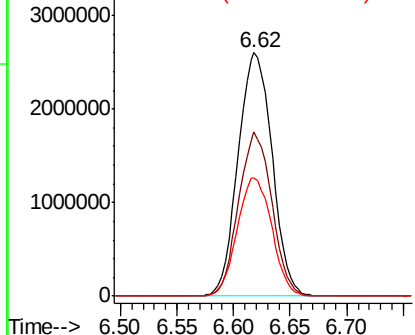
#32

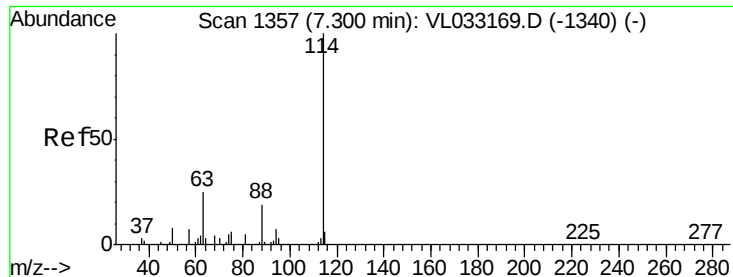
1,1,1-Trichloroethane
 Concen: 29.128 ppbv
 RT: 6.62 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tgt Ion	97	Resp	5482456
Ion Ratio	Lower	Upper	
97	100		
99	65.8	51.4	77.2
61	49.3	38.8	58.2



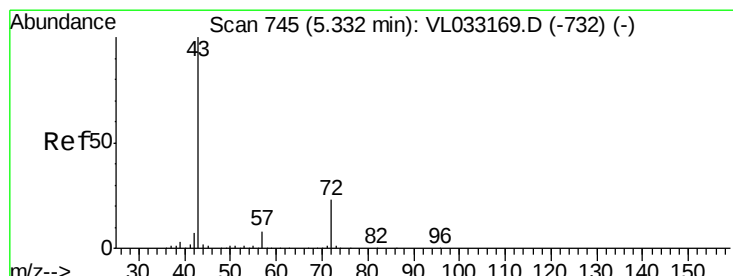
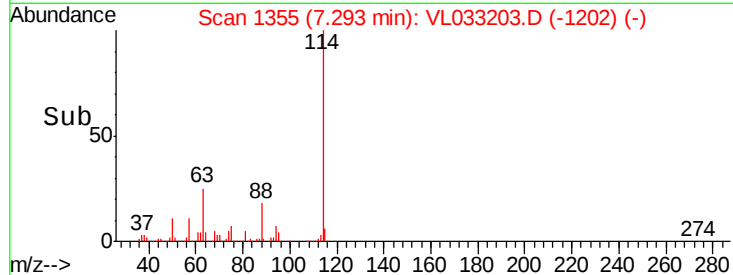
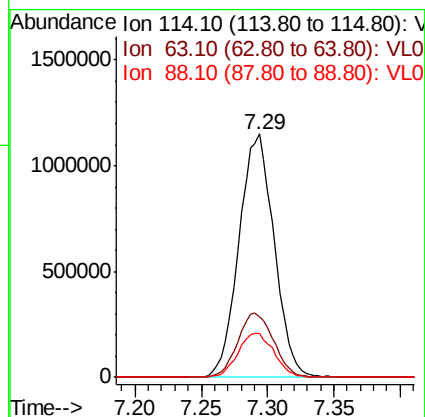
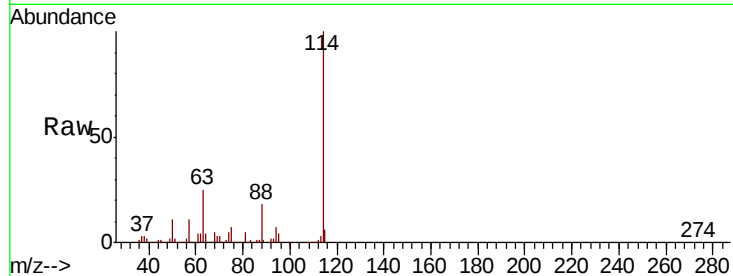
Abundance Ion 97.00 (96.70 to 97.70): VL0
 Ion 99.00 (98.70 to 99.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0





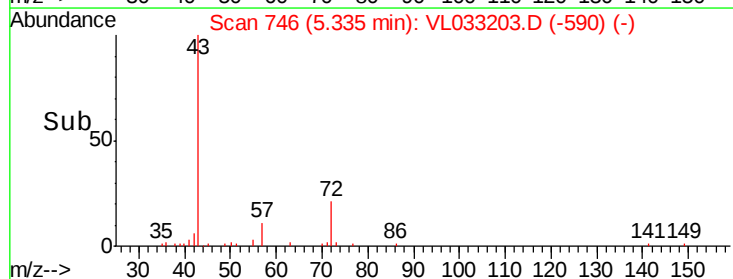
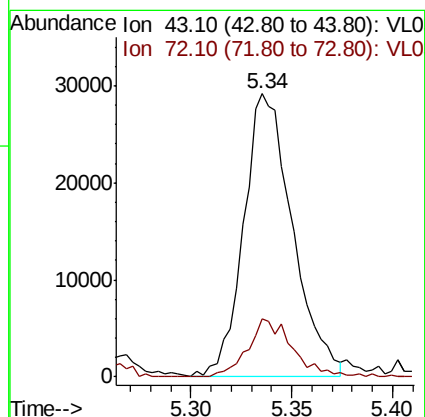
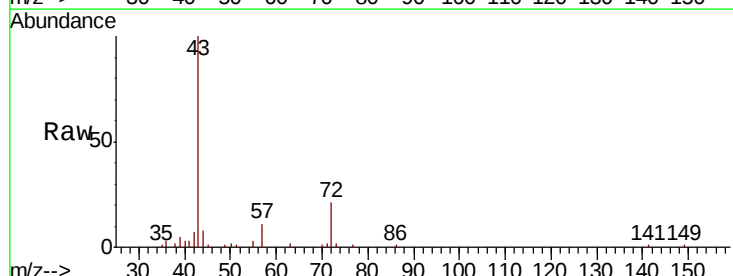
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.29 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

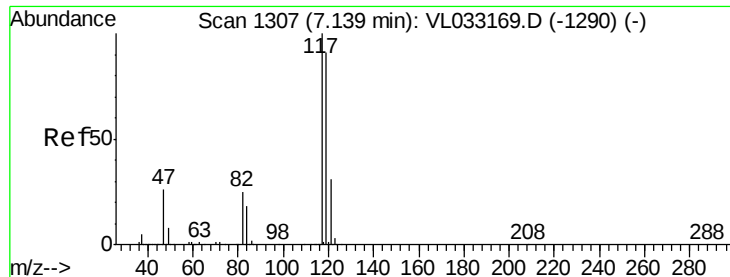
Tot Ion:114 Resp: 2121668
 Ion Ratio Lower Upper
 114 100
 63 27.1 20.8 31.2
 88 18.7 14.6 22.0



#34
 2-Butanone
 Concen: 0.368 ppbv
 RT: 5.34 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tgt Ion: 43 Resp: 49528
 Ion Ratio Lower Upper
 43 100
 72 18.7 17.8 26.6





#35

Carbon Tetrachloride

Concen: 0.070 ppbv m

RT: 7.14 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

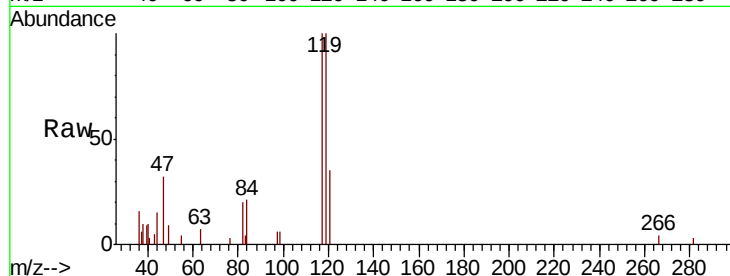
Tot Ion:117 Resp: 11343

Ion Ratio Lower Upper

117 100

119 99.9 73.0 109.6

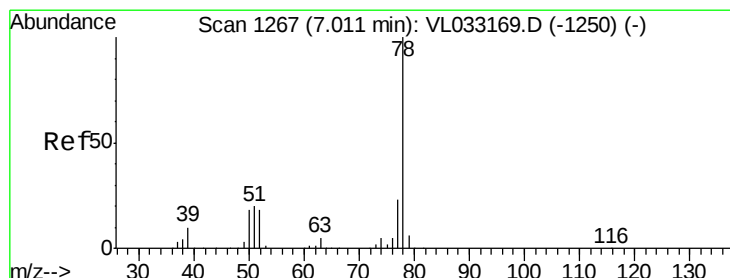
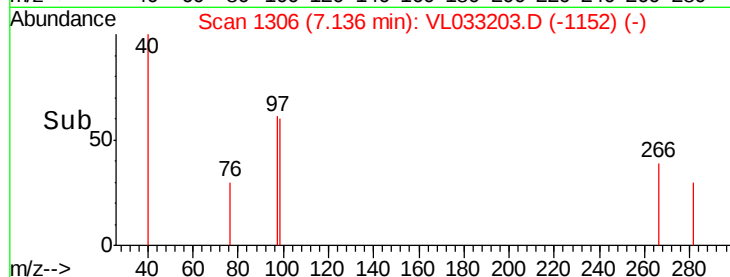
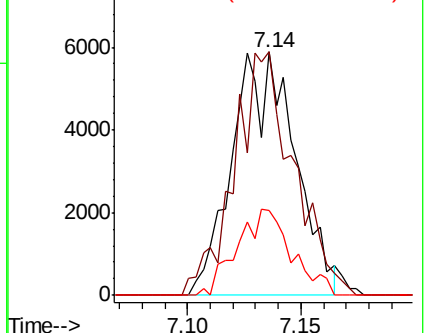
121 35.1 25.1 37.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.216 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

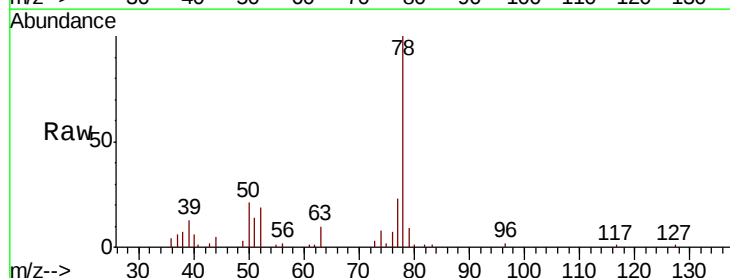
Tgt Ion: 78 Resp: 46404

Ion Ratio Lower Upper

78 100

77 23.6 18.0 27.0

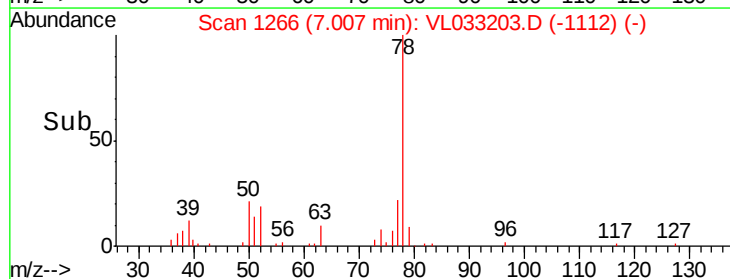
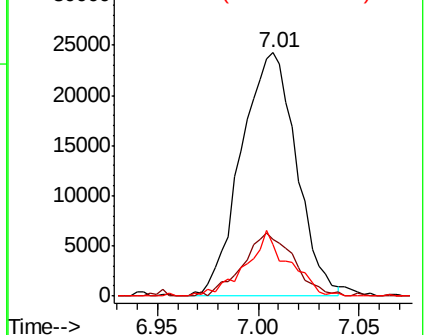
50 21.3 14.2 21.2#

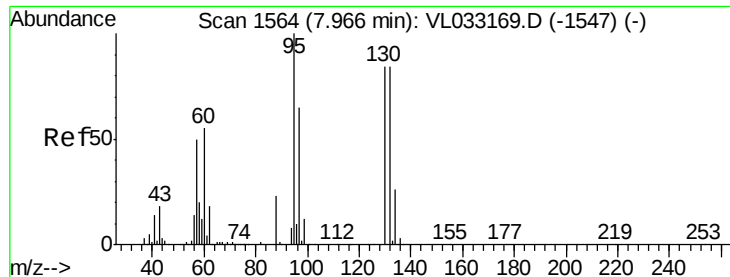


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#38

Trichloroethene

Concen: 0.967 ppbv

RT: 7.96 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tot Ion:130 Resp: 88875

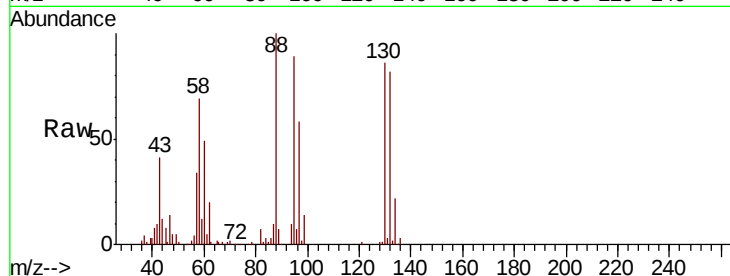
Ion Ratio Lower Upper

130 100

95 102.7 95.5 143.3

132 95.9 80.0 120.0

97 68.5 62.2 93.2

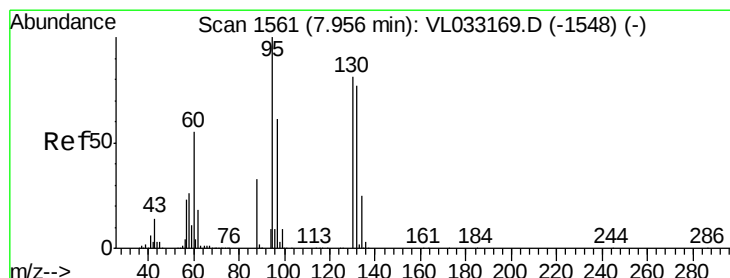
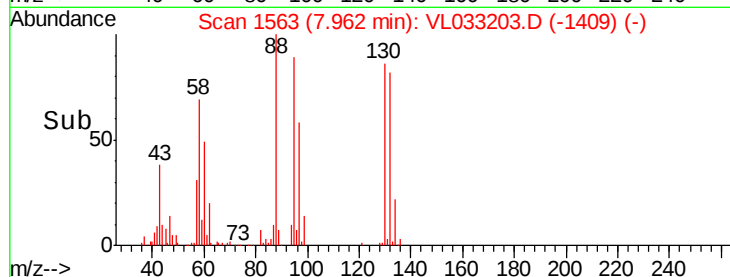
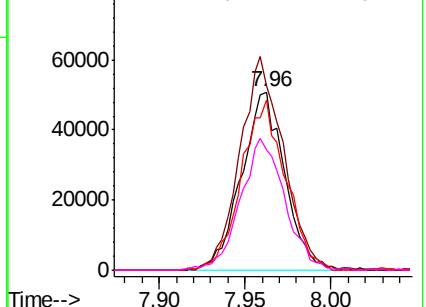


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#40

1,4-Dioxane

Concen: 4.709 ppbv m

RT: 7.96 min Scan# 1563

Delta R.T. 0.01 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tgt Ion: 88 Resp: 141979

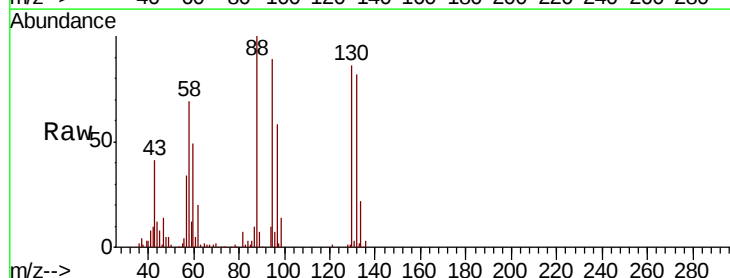
Ion Ratio Lower Upper

88 100

58 83.2 106.4 159.6#

43 53.3 219.6 329.4#

57 0.0 993.3 1489.9#

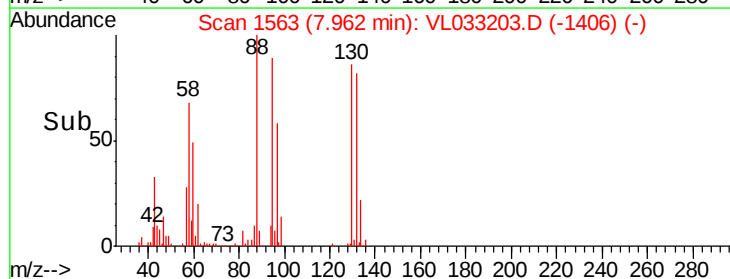
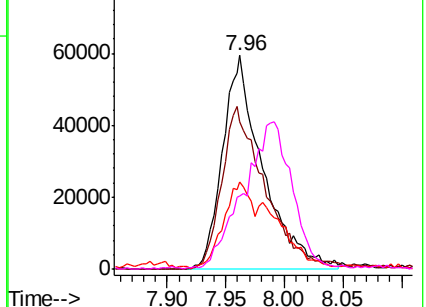


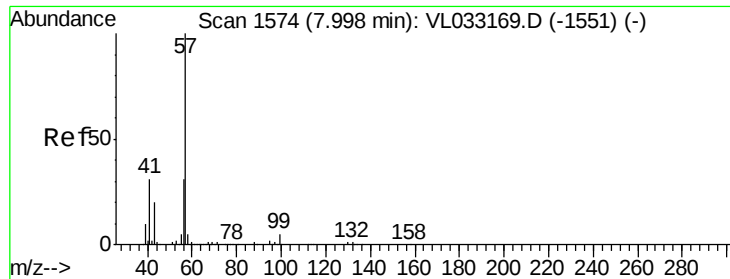
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.320 ppbv m

RT: 7.99 min Scan# 1572

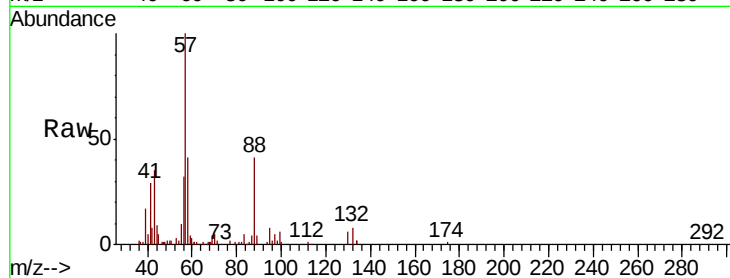
Delta R.T. -0.01 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tot Ion: 57 Resp: 116729

Ion	Ratio	Lower	Upper
57	100		
41	29.1	25.2	37.8
56	28.1	24.5	36.7

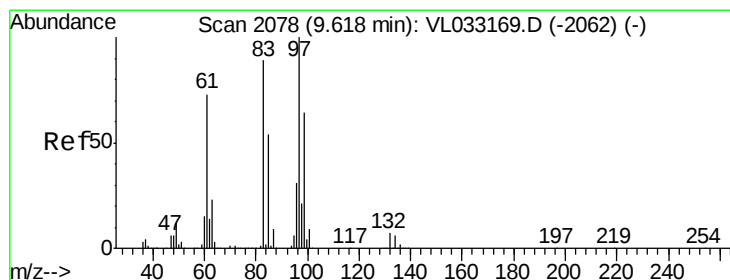
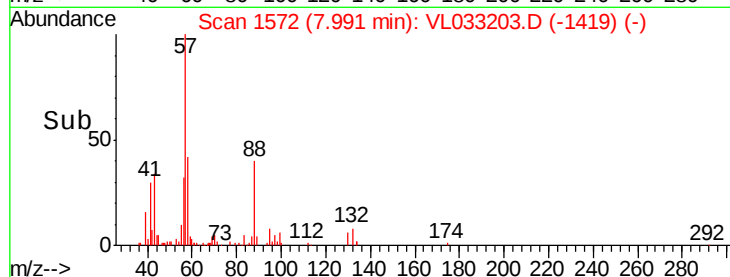
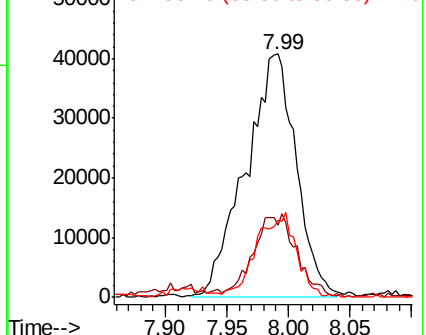


Abundance

Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#47

1,1,2-Trichloroethane

Concen: 0.138 ppbv m

RT: 9.61 min Scan# 2077

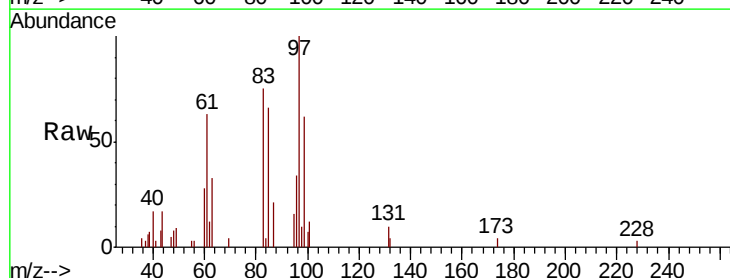
Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tgt Ion: 97 Resp: 12125

Ion	Ratio	Lower	Upper
97	100		
83	74.5	71.4	107.2
85	66.0	43.5	65.3#
99	61.6	51.4	77.0



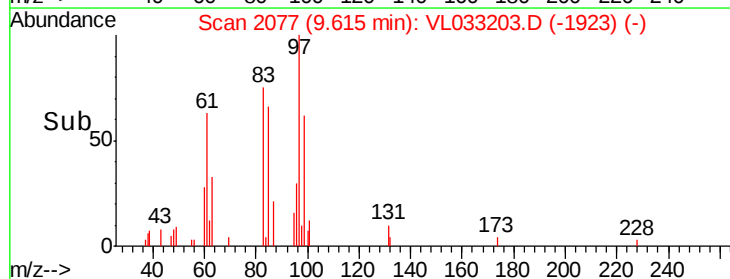
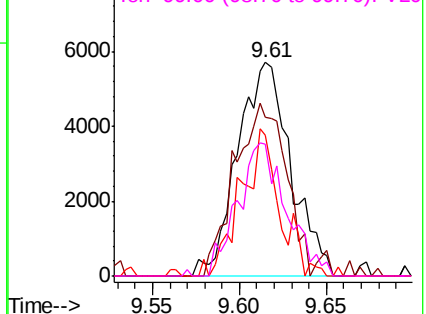
Abundance

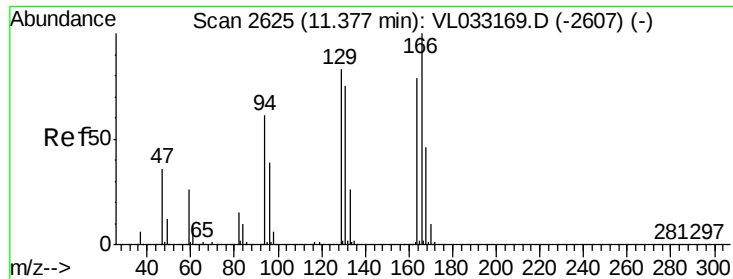
Ion 97.00 (96.70 to 97.70): VL0

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





#52

Tetrachloroethene

Concen: 0.899 ppbv

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

Tot Ion:164 Resp: 74285

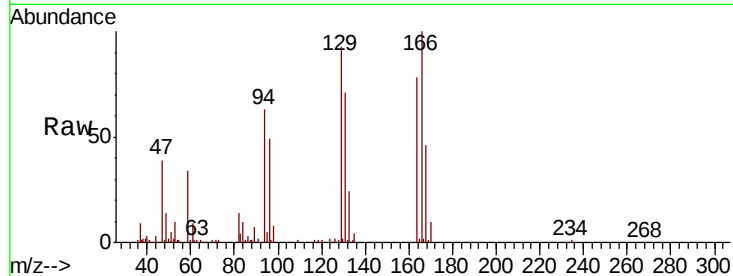
Ion Ratio Lower Upper

164 100

166 126.8 100.9 151.3

129 122.2 83.9 125.9

131 90.0 76.2 114.2

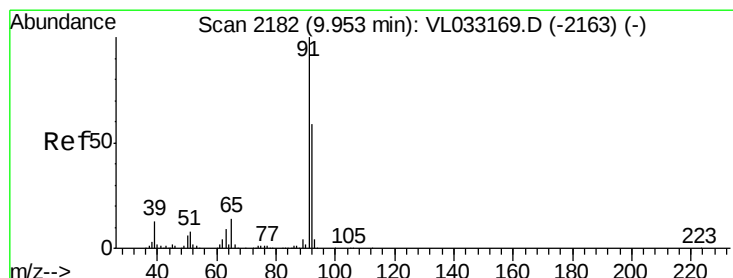
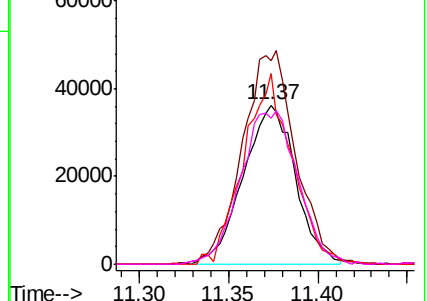
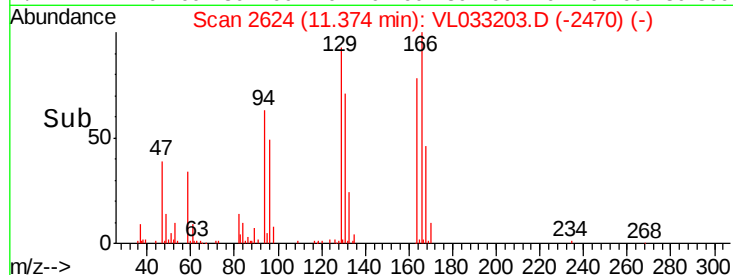


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.868 ppbv m

RT: 9.95 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL033203.D

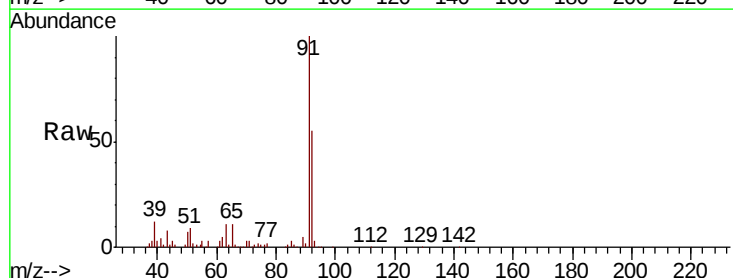
Acq: 14 Feb 2019 18:19

Tgt Ion: 91 Resp: 221063

Ion Ratio Lower Upper

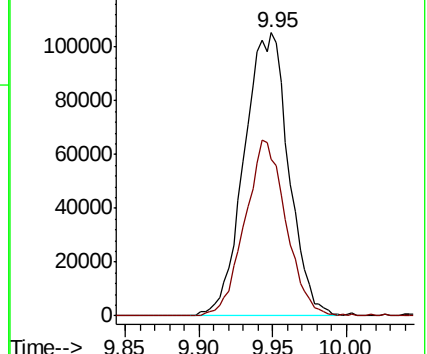
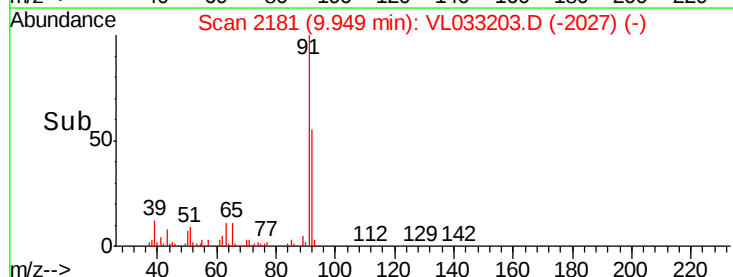
91 100

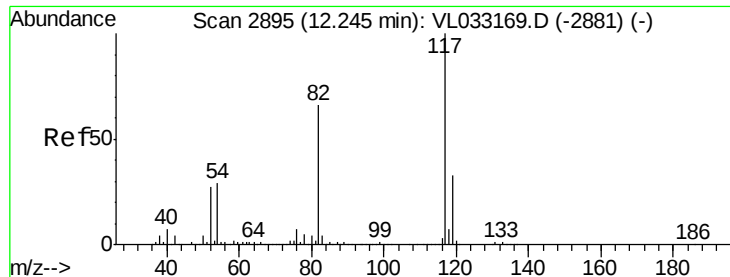
92 57.7 48.0 72.0



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: 12.24 min Scan# 2893

Delta R.T. -0.01 min

Lab File: VL033203.D

Acq: 14 Feb 2019 18:19

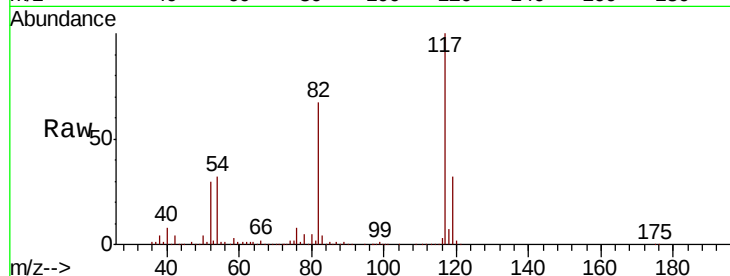
Tot Ion:117 Resp: 2217567

Ion Ratio Lower Upper

117 100

82 67.1 53.8 80.8

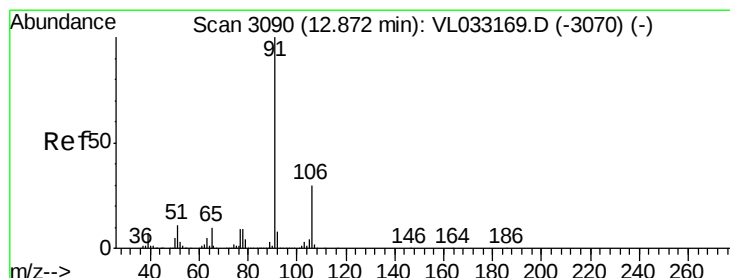
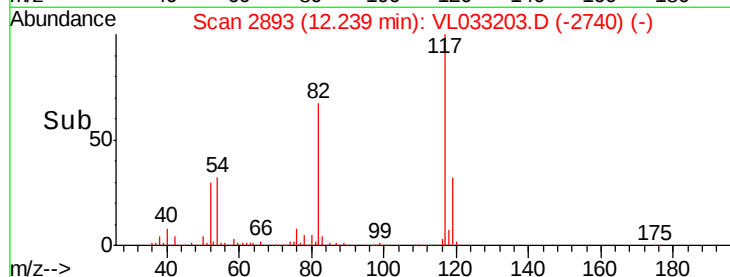
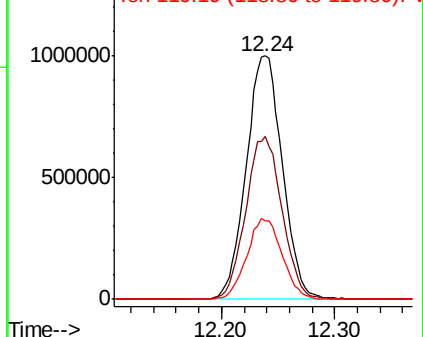
119 32.5 46.9 70.3#



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



#58

Ethyl Benzene

Concen: 0.433 ppbv

RT: 12.87 min Scan# 3088

Delta R.T. -0.01 min

Lab File: VL033203.D

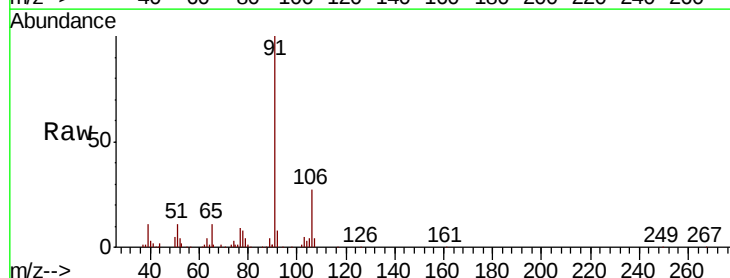
Acq: 14 Feb 2019 18:19

Tgt Ion: 91 Resp: 157465

Ion Ratio Lower Upper

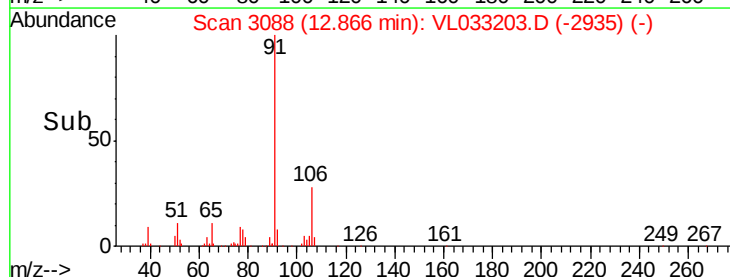
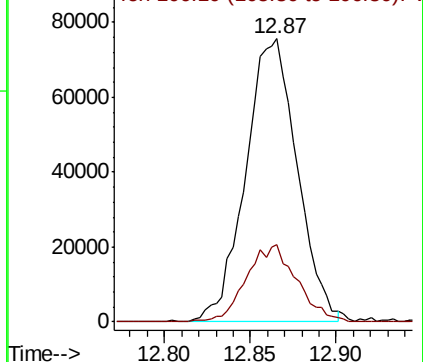
91 100

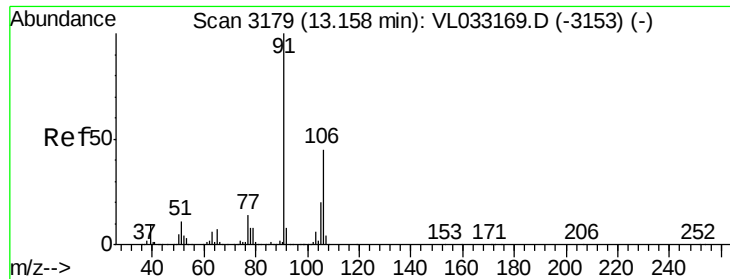
106 27.5 23.8 35.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

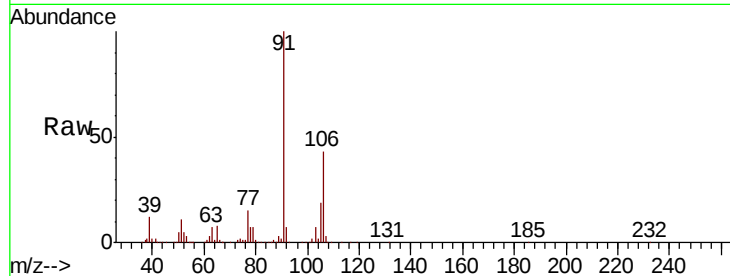
Ion 106.10 (105.80 to 106.80): V



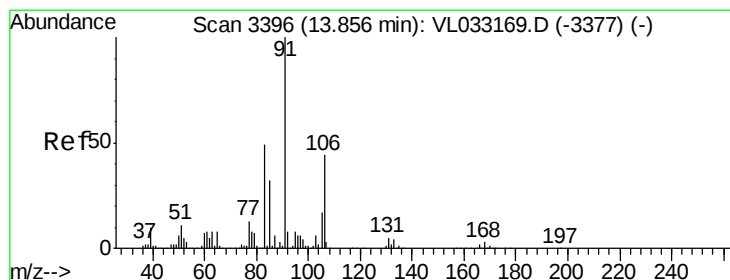
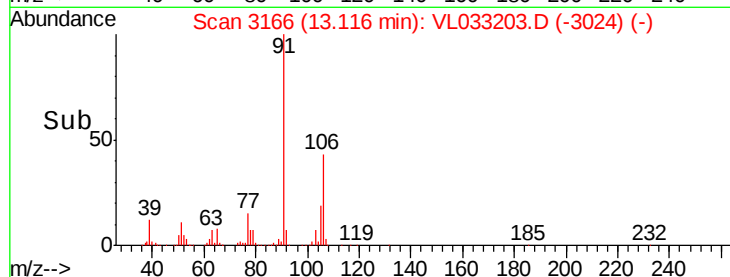
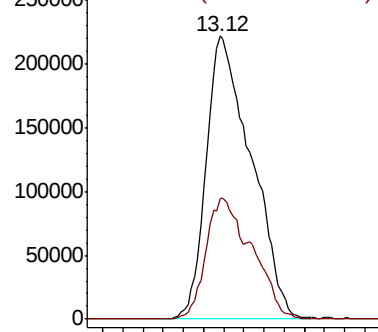


#59
m/p-Xylene
Concen: 2.278 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL033203.D
Acq: 14 Feb 2019 18:19

Tot Ion: 91 Resp: 689686
Ion Ratio Lower Upper
91 100
106 43.5 36.6 55.0

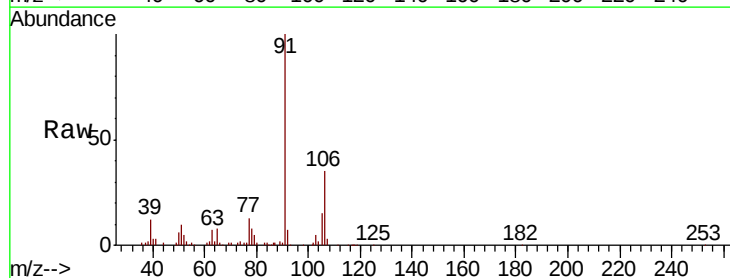


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

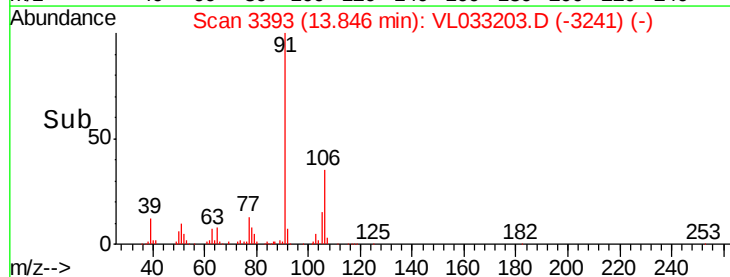
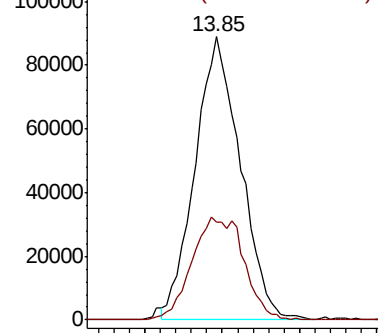


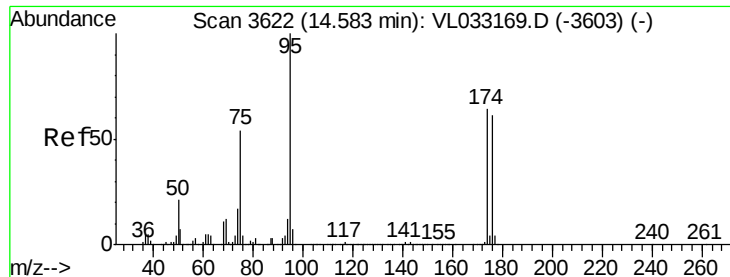
#60
o-Xylene
Concen: 0.613 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033203.D
Acq: 14 Feb 2019 18:19

Tgt Ion: 91 Resp: 181009
Ion Ratio Lower Upper
91 100
106 41.7 21.8 65.3



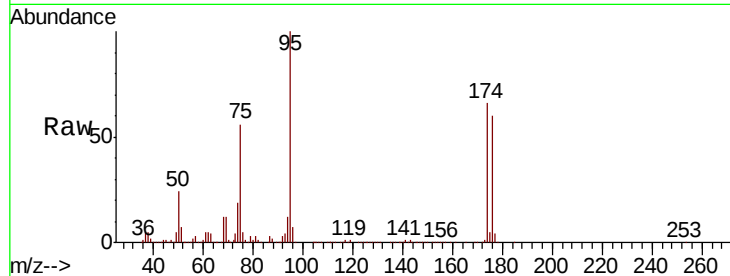
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V



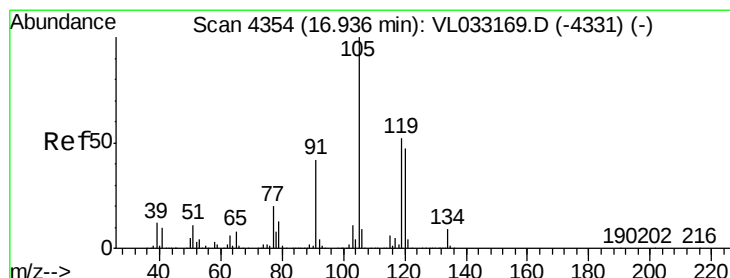
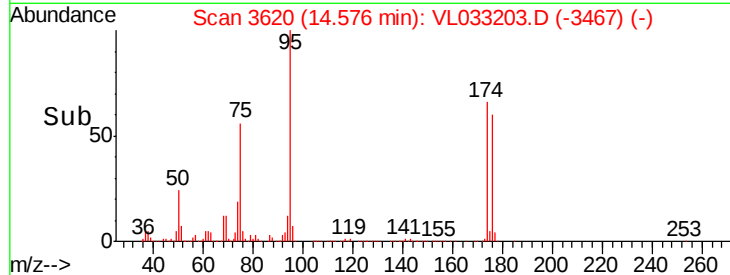
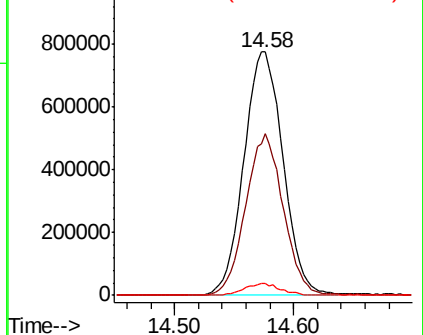


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.244 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tot Ion: 95 Resp: 1770413
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.1 76.7
 175 4.5 3.8 5.6

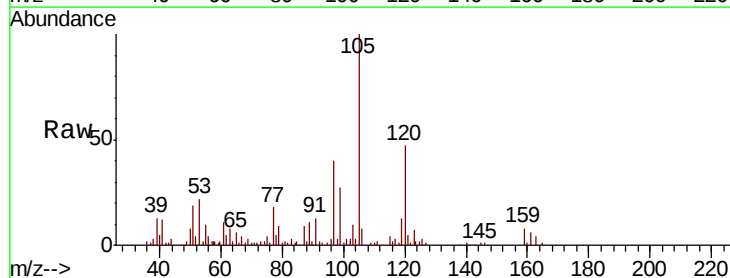


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



#74
 1,2,4-Trimethylbenzene
 Concen: 0.328 ppbv
 RT: 16.93 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: VL033203.D
 Acq: 14 Feb 2019 18:19

Tgt Ion: 105 Resp: 110889
 Ion Ratio Lower Upper
 105 100
 120 52.1 37.9 56.9
 91 11.4 34.0 51.0#
 77 16.8 15.7 23.5



Abundance Ion 105.10 (104.80 to 105.80): V
 Ion 120.20 (119.90 to 120.90): V
 Ion 91.10 (90.80 to 91.80): VL0
 Ion 77.10 (76.80 to 77.80): VL0

