

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033211.D
 Acq On : 14 Feb 2019 23:34
 Operator : SY/AP
 Sample : K1483-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 01:13:44 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	5.77	49	948624	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2100110	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2074311	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1704699	10.55	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.50%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.07	85	25081	0.138	ppbv	96
3) Chlorodifluoromethane	3.01	51	31761	0.278	ppbv	100
4) Chloromethane	3.17	50	7246m	0.120	ppbv	
7) Chloroethane	3.60	64	239374	11.627	ppbv	97
10) Heptane	8.25	43	28461	0.170	ppbv	96
11) Trichlorofluoromethane	4.00	101	171509	1.168	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.55	101	515660	5.067	ppbv	98
13) Ethanol	3.65	45	41167m	2.195	ppbv	
15) Acetone	3.91	43	623527	5.834	ppbv #	87
17) tert-Butyl alcohol	4.36	59	58685	2.859	ppbv	96
18) 1,1-Dichloroethene	4.35	96	316172	6.941	ppbv	98
19) Isopropyl Alcohol	4.03	45	281427m	3.883	ppbv	
20) Methylene Chloride	4.41	84	86442	2.033	ppbv	94
24) 1,1-Dichloroethane	5.09	63	10354517	79.032	ppbv	97
26) Hexane	5.78	57	74617	0.661	ppbv #	41
29) Chloroform	5.85	83	39012	0.226	ppbv	94
31) cis-1,2-Dichloroethene	5.65	61	36288m	0.321	ppbv	
32) 1,1,1-Trichloroethane	6.63	97	24135639	126.794	ppbv #	83
34) 2-Butanone	5.35	43	37623m	0.282	ppbv	
36) Benzene	7.02	78	39001	0.183	ppbv	96
38) Trichloroethene	7.97	130	107899	1.186	ppbv #	86
40) 1,4-Dioxane	7.97	88	83524m	2.799	ppbv	
44) 2,2,4-Trimethylpentane	8.00	57	90037	0.250	ppbv	96
47) 1,1,2-Trichloroethane	9.62	97	37181m	0.427	ppbv	
52) Tetrachloroethene	11.38	164	178458	2.182	ppbv	95
53) Toluene	9.95	91	134629	0.534	ppbv	98
58) Ethyl Benzene	12.87	91	162277m	0.477	ppbv	
59) m/p-Xylene	13.12	91	757562	2.675	ppbv	97
60) o-Xylene	13.85	91	195977	0.710	ppbv	99
74) 1,2,4-Trimethylbenzene	16.92	105	109204m	0.346	ppbv	

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

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Misc : 400ml/MSVOA L
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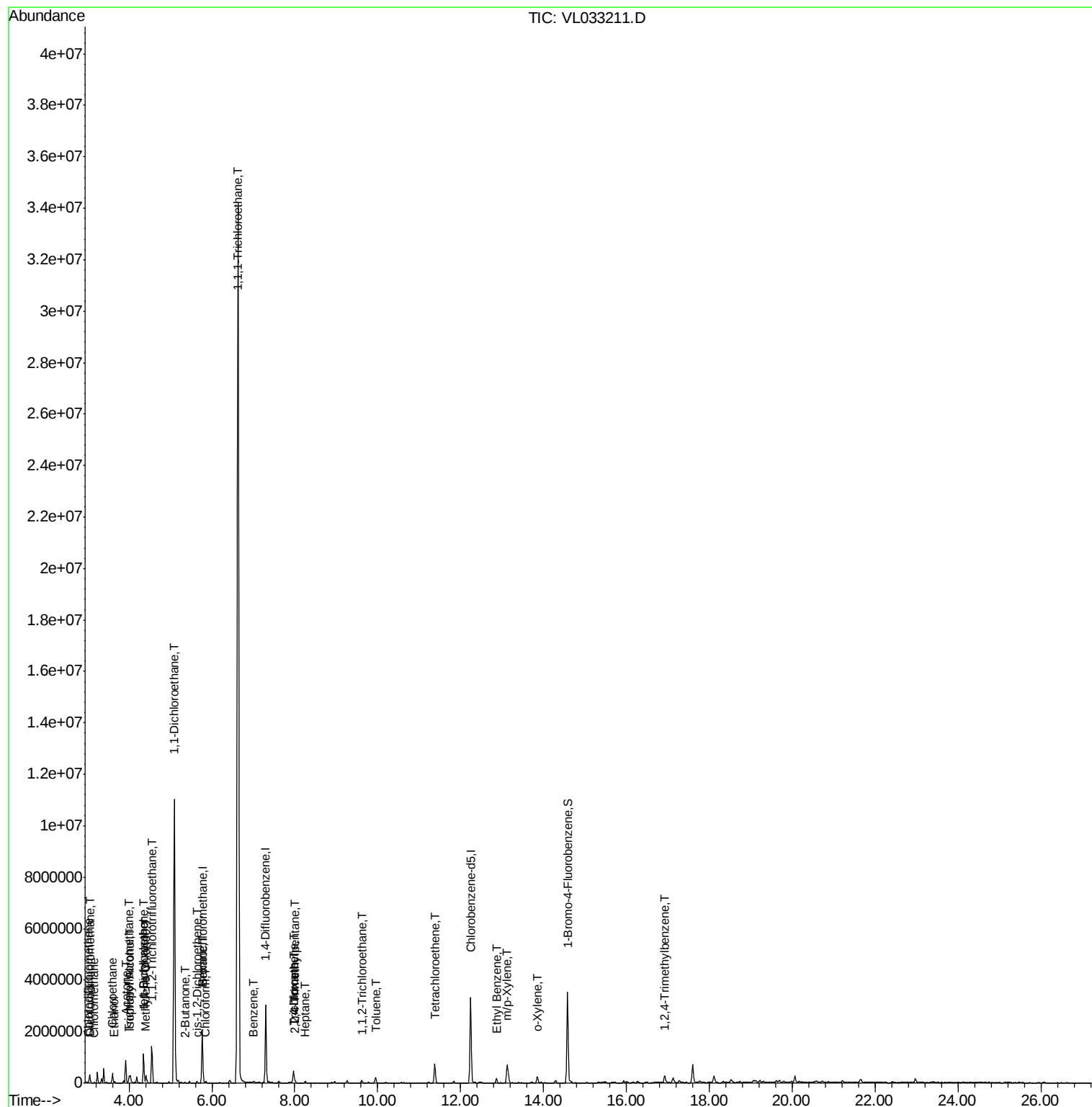
Quant Time: Feb 21 01:13:44 2019

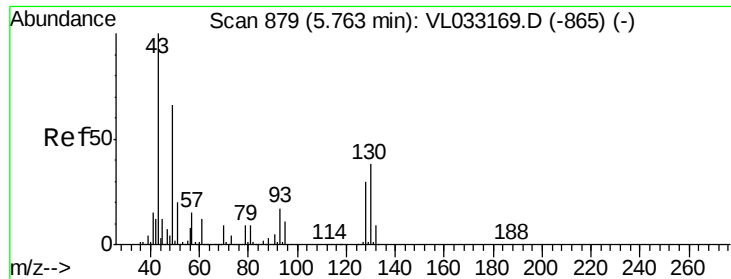
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL020519AIR.M

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

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

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 880

Delta R.T. 0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

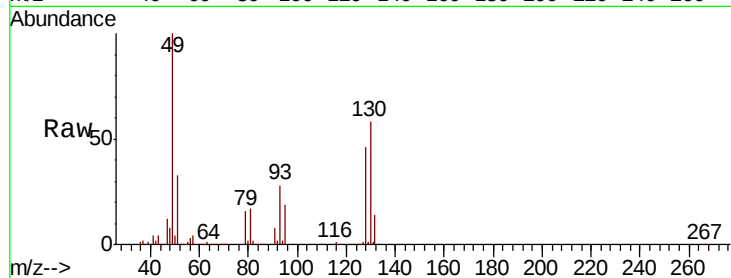
Tot Ion: 49 Resp: 948624

Ion Ratio Lower Upper

49 100

128 45.7 23.6 71.0

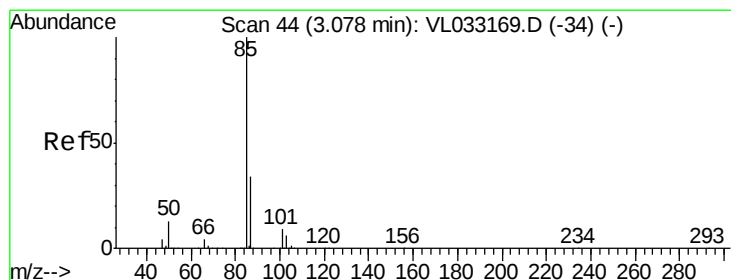
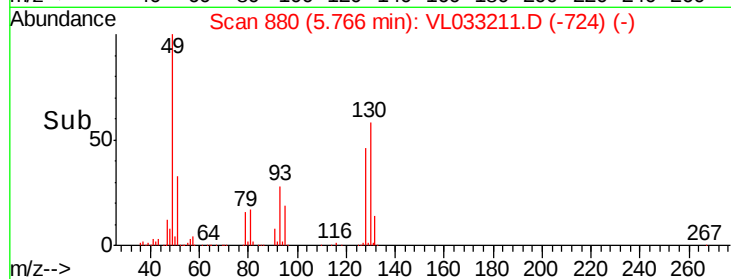
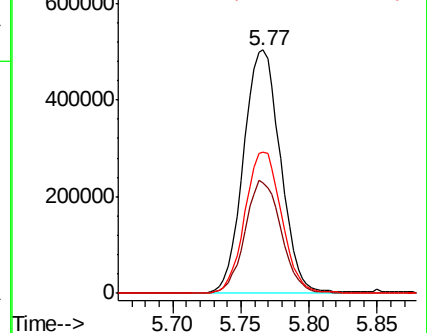
130 58.1 30.3 91.0



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: 0.138 ppbv

RT: 3.07 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033211.D

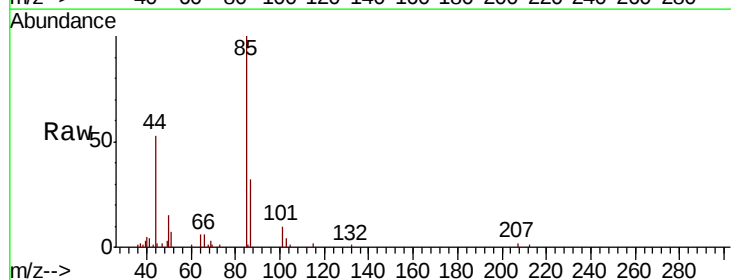
Acq: 14 Feb 2019 23:34

Tgt Ion: 85 Resp: 25081

Ion Ratio Lower Upper

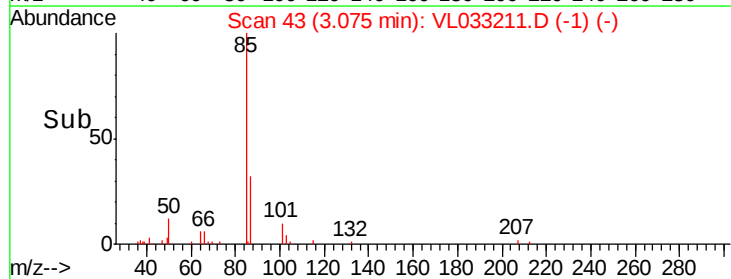
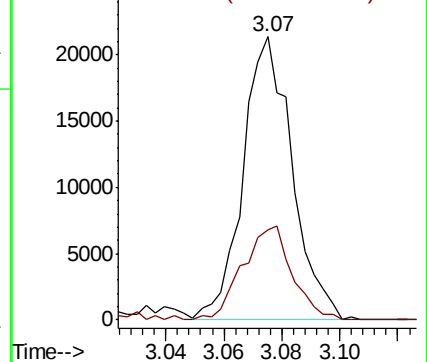
85 100

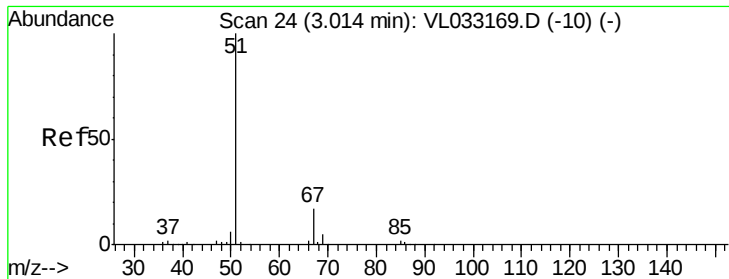
87 31.9 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.278 ppbv

RT: 3.01 min Scan# 23

Delta R.T. -0.00 min

Lab File: VL033211.D

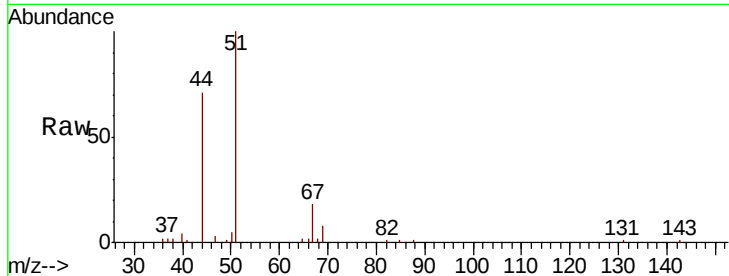
Acq: 14 Feb 2019 23:34

Tot Ion: 51 Resp: 31761

Ion Ratio Lower Upper

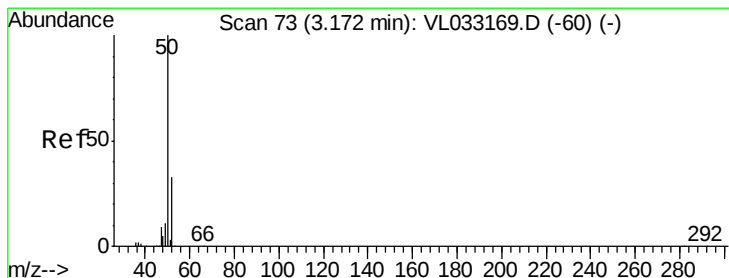
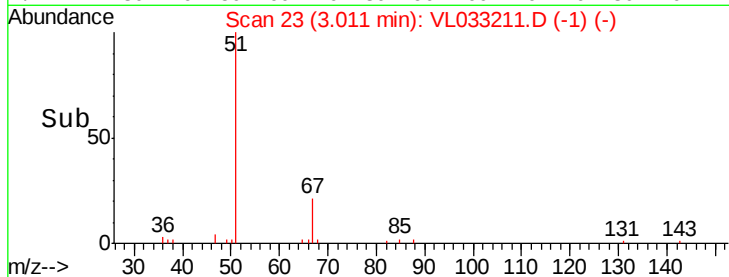
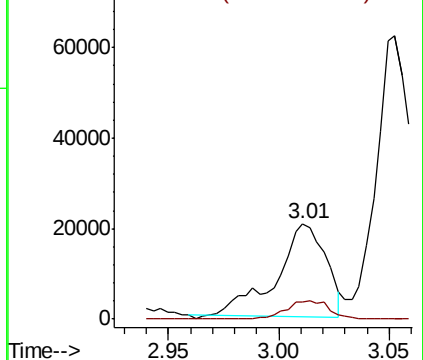
51 100

67 17.7 14.0 21.0



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.120 ppbv m

RT: 3.17 min Scan# 73

Delta R.T. -0.00 min

Lab File: VL033211.D

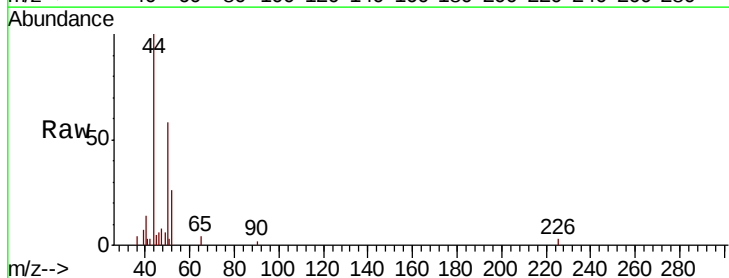
Acq: 14 Feb 2019 23:34

Tgt Ion: 50 Resp: 7246

Ion Ratio Lower Upper

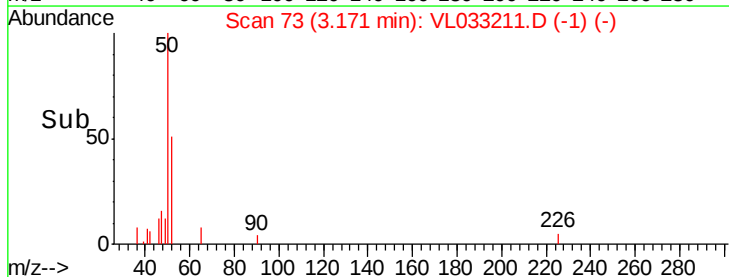
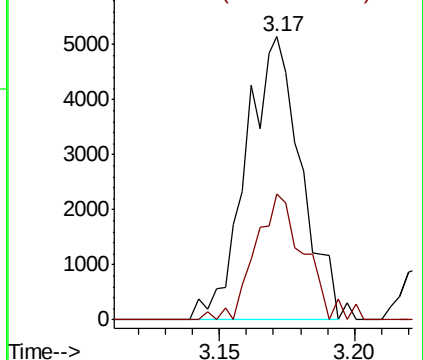
50 100

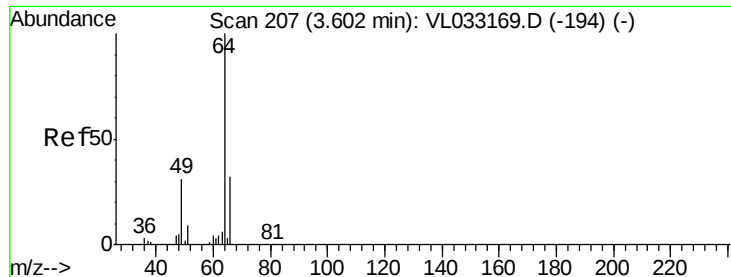
52 44.6 26.5 39.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 11.627 ppbv

RT: 3.60 min Scan# 206

Delta R.T. -0.00 min

Lab File: VL033211.D

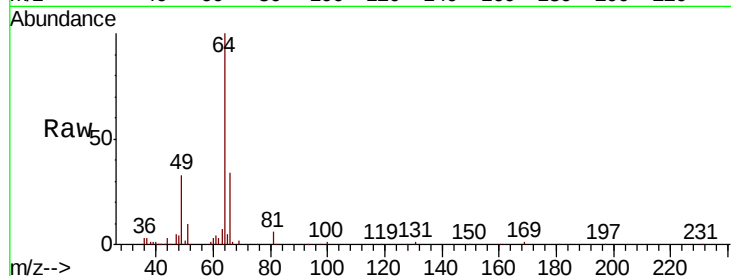
Acq: 14 Feb 2019 23:34

Tot Ion: 64 Resp: 239374

Ion Ratio Lower Upper

64 100

66 34.5 26.0 39.0



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

200000

150000

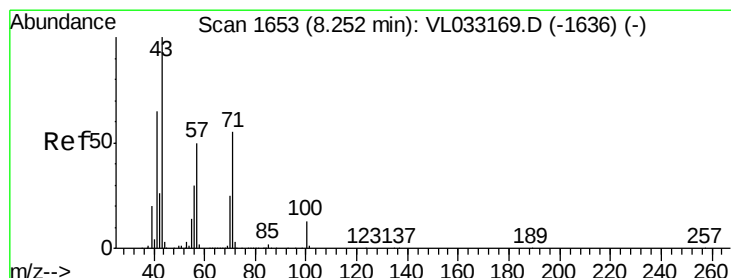
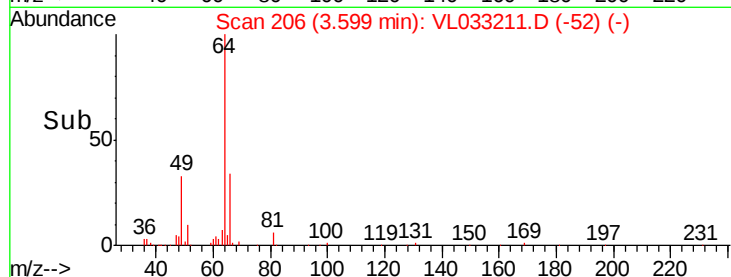
100000

50000

0

3.55 3.60 3.65

Time-->



#10

Heptane

Concen: 0.170 ppbv

RT: 8.25 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VL033211.D

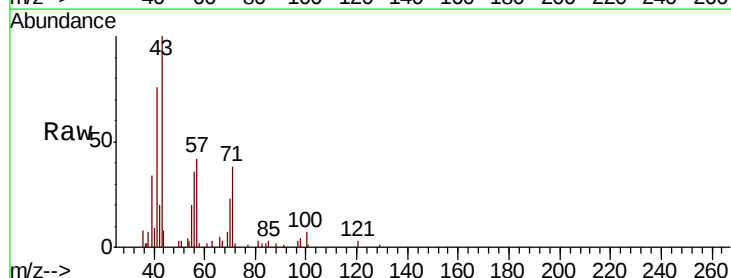
Acq: 14 Feb 2019 23:34

Tgt Ion: 43 Resp: 28461

Ion Ratio Lower Upper

43 100

57 46.5 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

15000

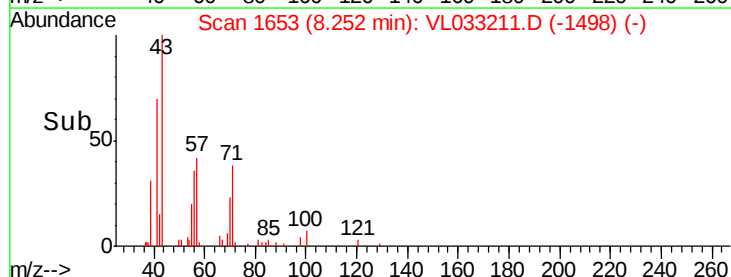
10000

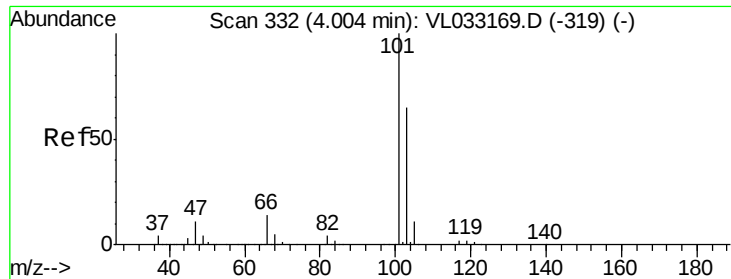
5000

0

8.20 8.25 8.30

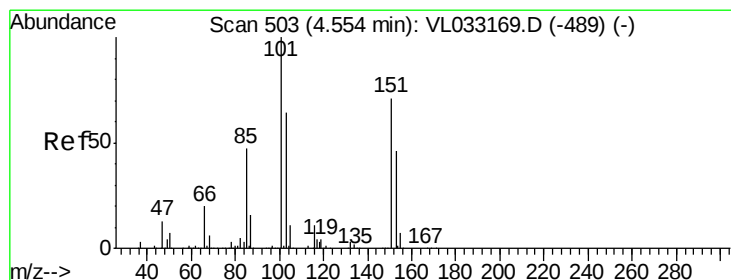
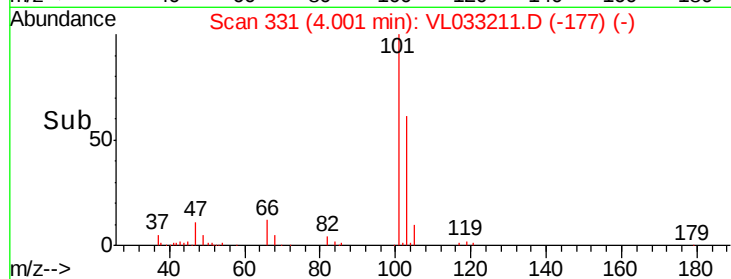
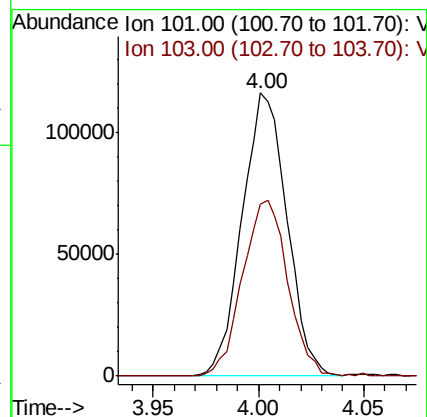
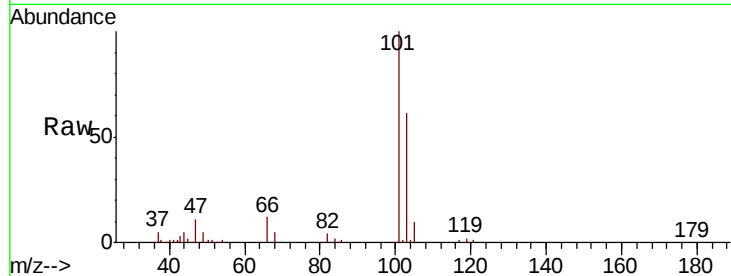
Time-->





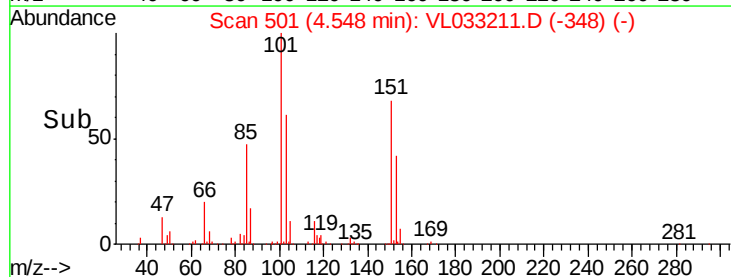
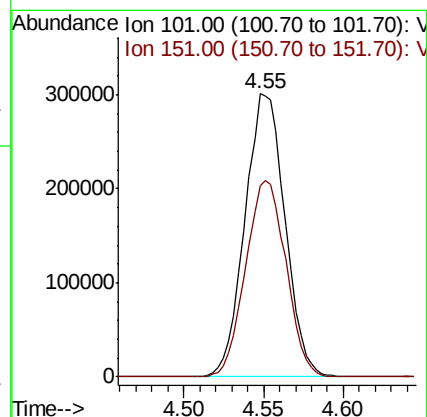
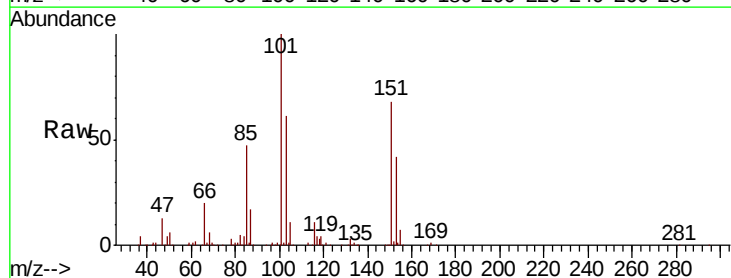
#11
 Trichlorofluoromethane
 Concen: 1.168 ppbv
 RT: 4.00 min Scan# 331
 Delta R.T. -0.00 min
 Lab File: VL033211.D
 Acq: 14 Feb 2019 23:34

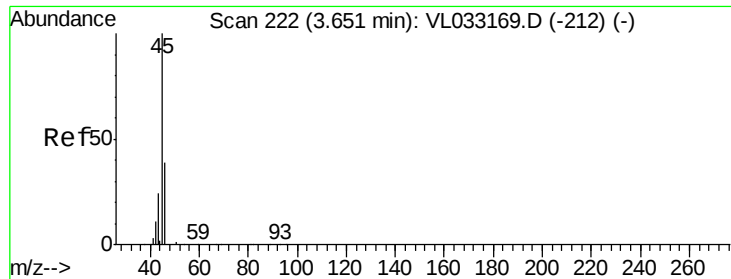
Tot Ion:101 Resp: 171509
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.067 ppbv
 RT: 4.55 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: VL033211.D
 Acq: 14 Feb 2019 23:34

Tgt Ion:101 Resp: 515660
 Ion Ratio Lower Upper
 101 100
 151 69.9 57.4 86.0





#13

Ethanol

Concen: 2.195 ppbv m

RT: 3.65 min Scan# 222

Delta R.T. -0.00 min

Lab File: VL033211.D

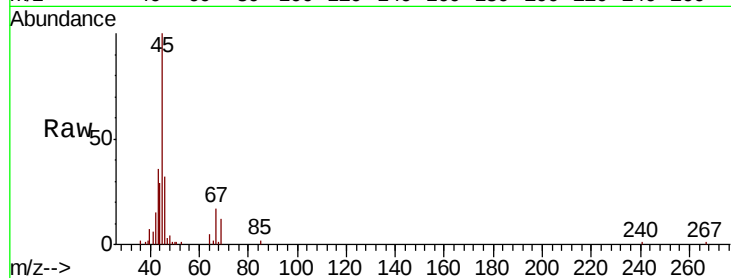
Acq: 14 Feb 2019 23:34

Tot Ion: 45 Resp: 41167

Ion Ratio Lower Upper

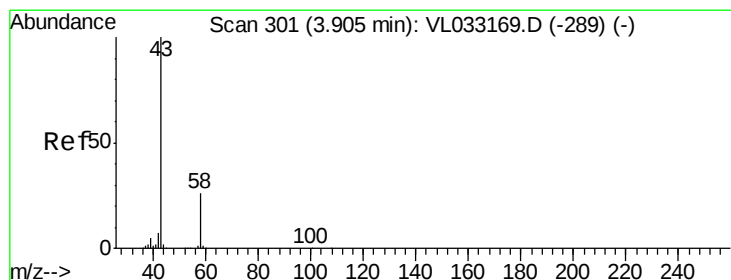
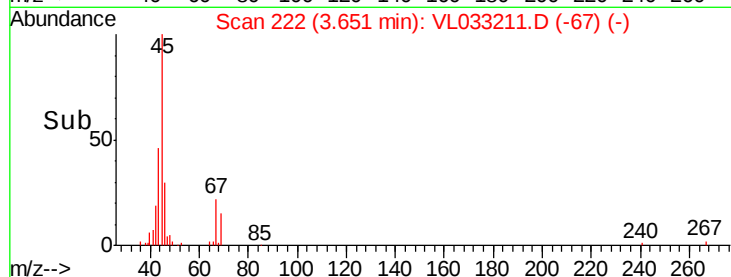
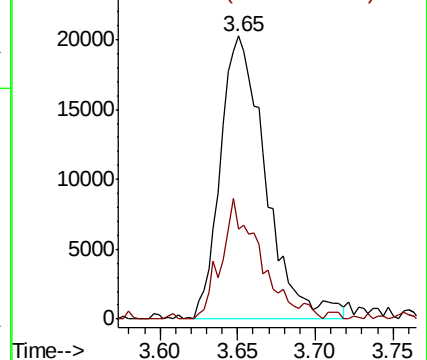
45 100

46 38.3 15.0 60.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 5.834 ppbv

RT: 3.91 min Scan# 303

Delta R.T. 0.01 min

Lab File: VL033211.D

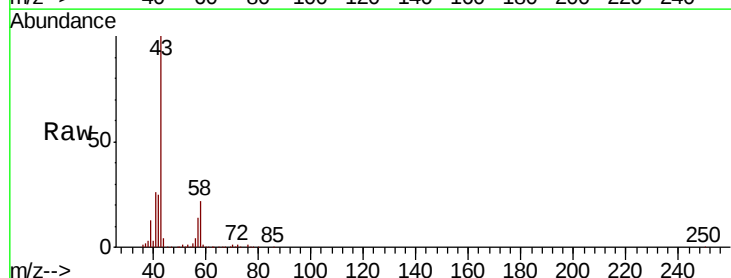
Acq: 14 Feb 2019 23:34

Tgt Ion: 43 Resp: 623527

Ion Ratio Lower Upper

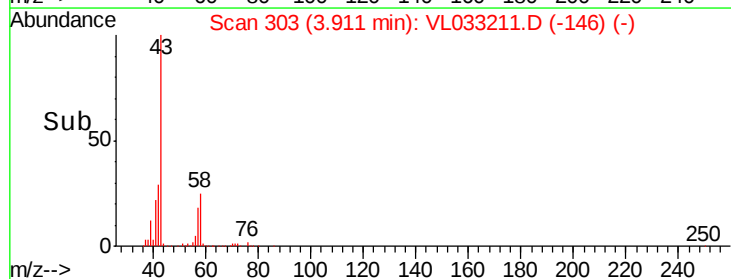
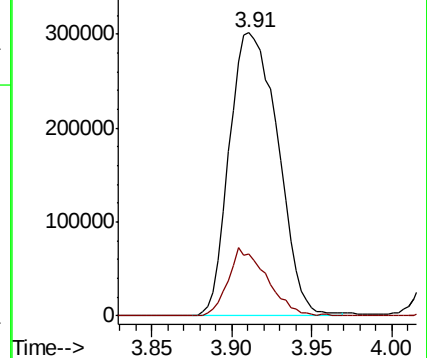
43 100

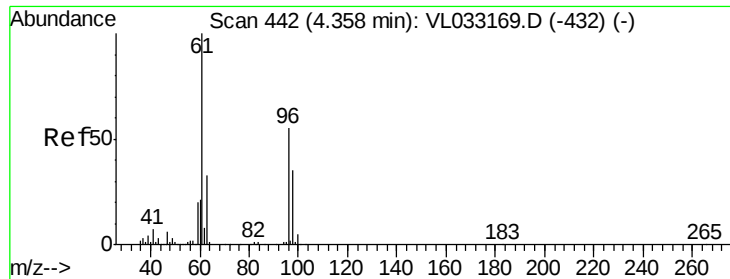
58 19.5 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

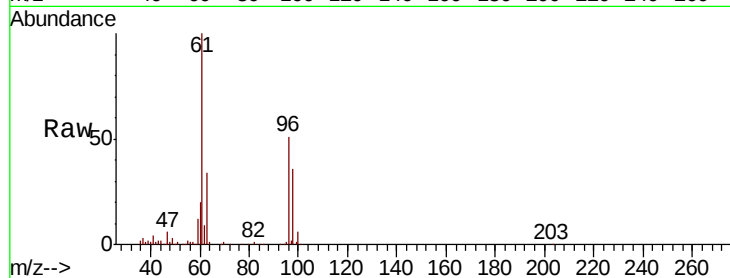




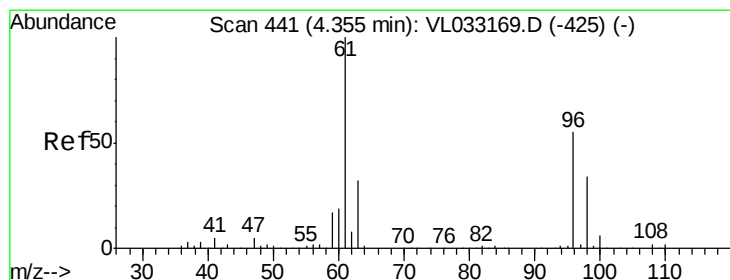
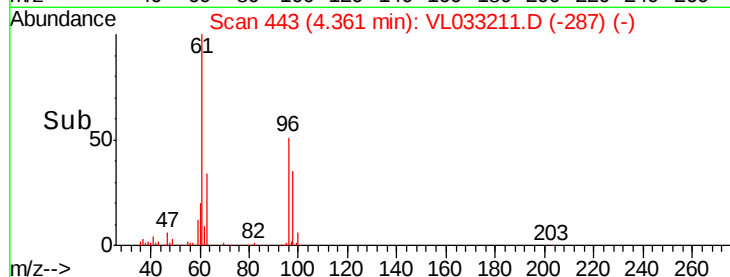
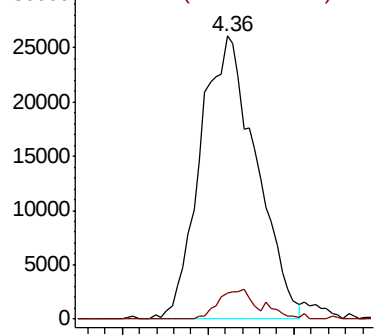
#17

tert-Butyl alcohol
Concen: 2.859 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.00 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

Tot Ion: 59 Resp: 58685
Ion Ratio Lower Upper
59 100
57 7.9 7.6 11.4



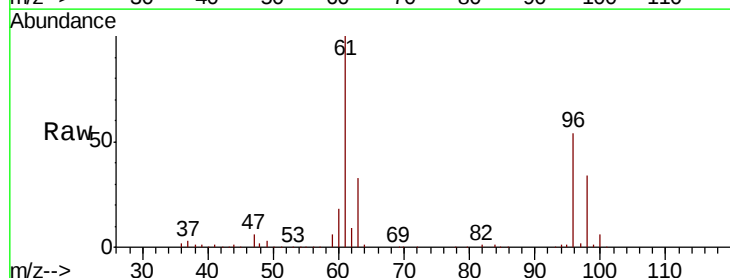
Abundance Ion 59.10 (58.80 to 59.80): VL0
Ion 57.10 (56.80 to 57.80): VL0



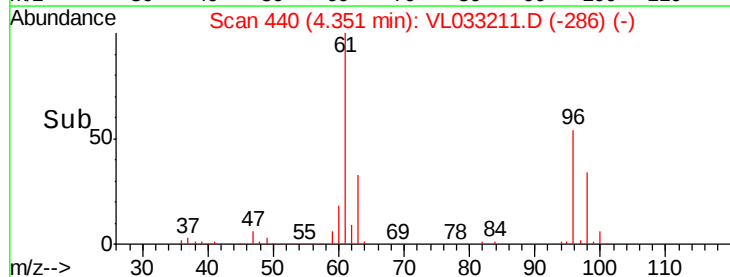
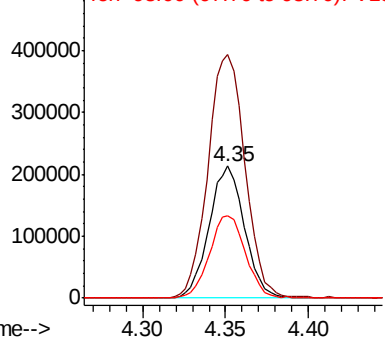
#18

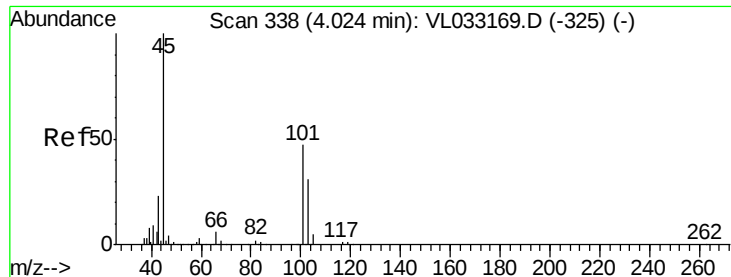
1,1-Dichloroethene
Concen: 6.941 ppbv
RT: 4.35 min Scan# 440
Delta R.T. -0.00 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

Tgt Ion: 96 Resp: 316172
Ion Ratio Lower Upper
96 100
61 184.2 145.0 217.6
98 62.7 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: 3.883 ppbv m

RT: 4.03 min Scan# 339

Delta R.T. 0.00 min

Lab File: VL033211.D

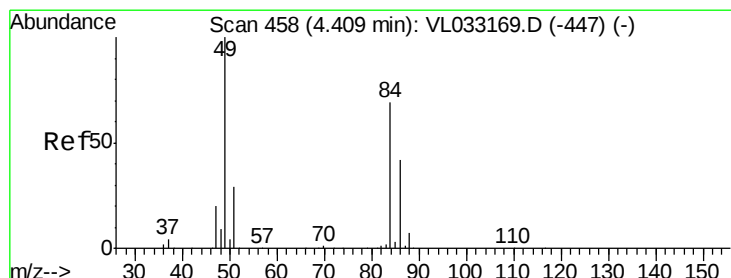
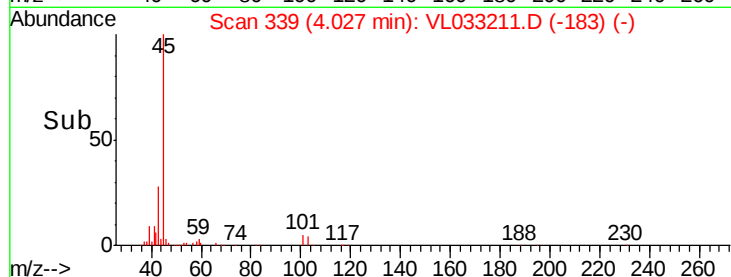
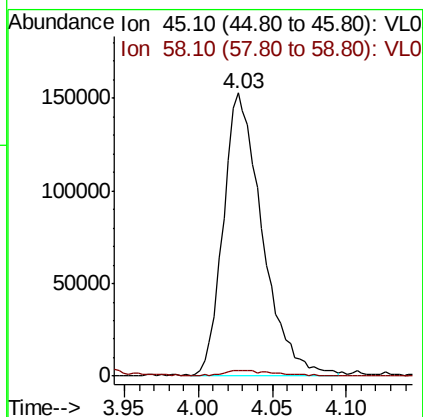
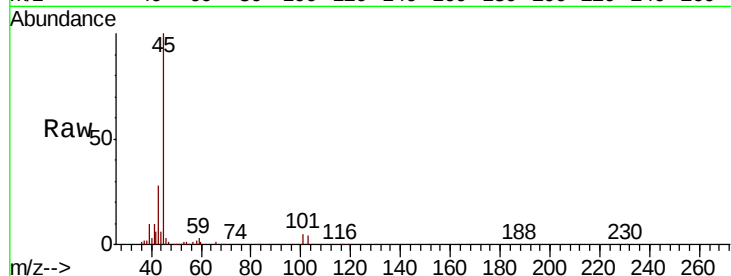
Acq: 14 Feb 2019 23:34

Tot Ion: 45 Resp: 281427

Ion Ratio Lower Upper

45 100

58 2.8 1.5 2.3#



#20

Methylene Chloride

Concen: 2.033 ppbv

RT: 4.41 min Scan# 457

Delta R.T. -0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tgt Ion: 84 Resp: 86442

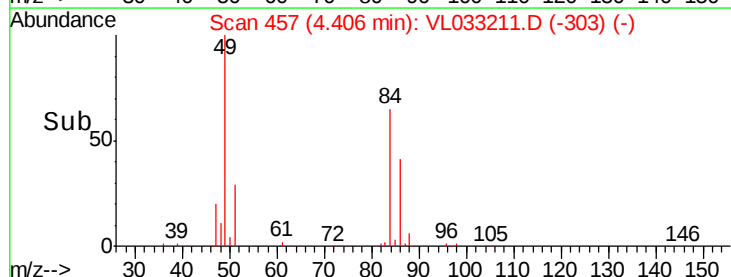
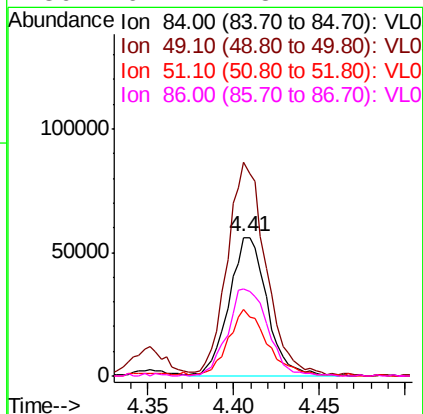
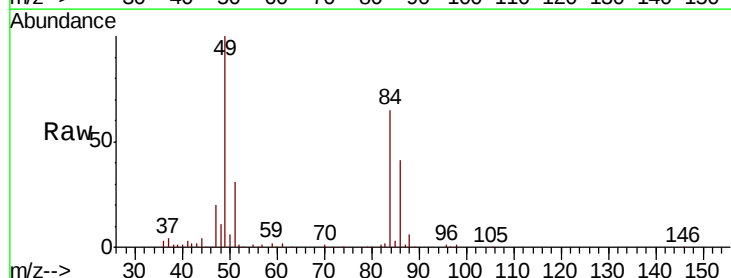
Ion Ratio Lower Upper

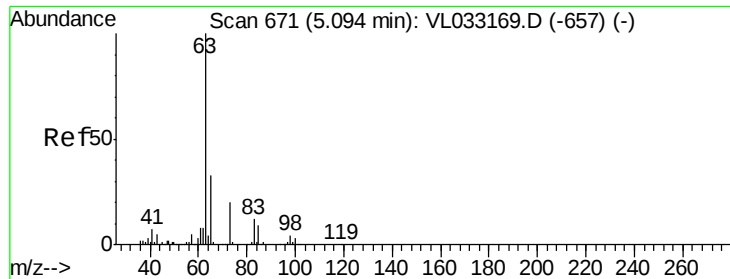
84 100

49 153.2 115.8 173.8

51 47.8 33.0 49.6

86 62.7 48.2 72.2





#24

1,1-Dichloroethane

Concen: 79.032 ppbv

RT: 5.09 min Scan# 670

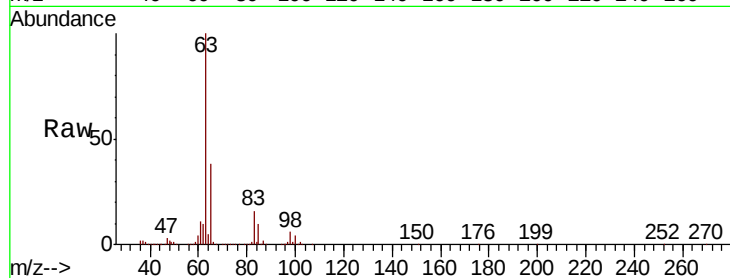
Delta R.T. -0.00 min

Lab File: VL033211.D

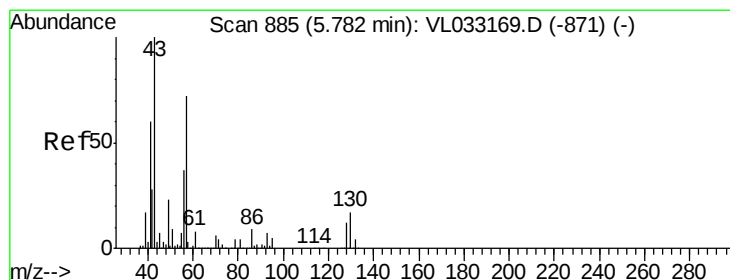
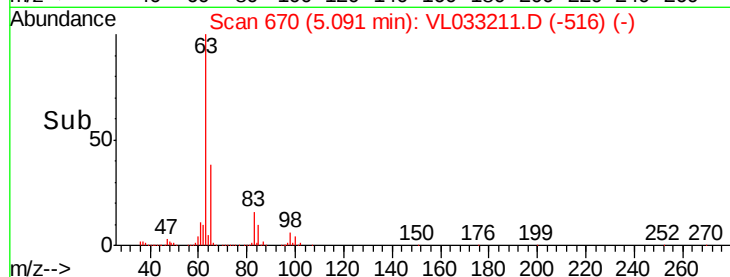
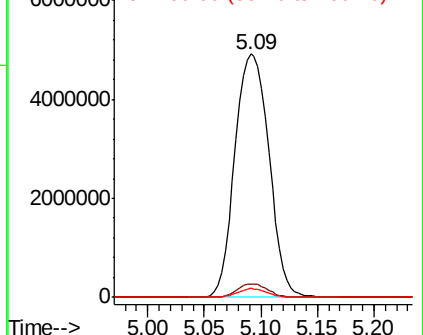
Acq: 14 Feb 2019 23:34

Tot Ion: 63 Resp:10354517

Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.1	6.5
100	3.7	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: 0.661 ppbv

RT: 5.78 min Scan# 884

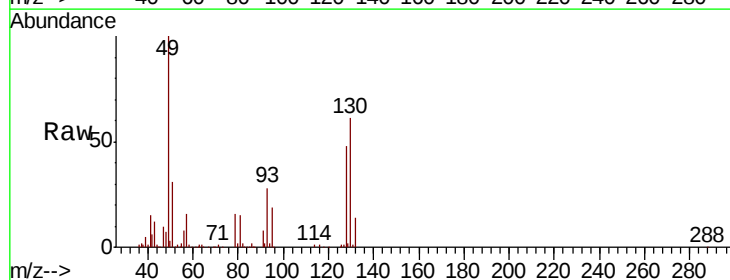
Delta R.T. -0.00 min

Lab File: VL033211.D

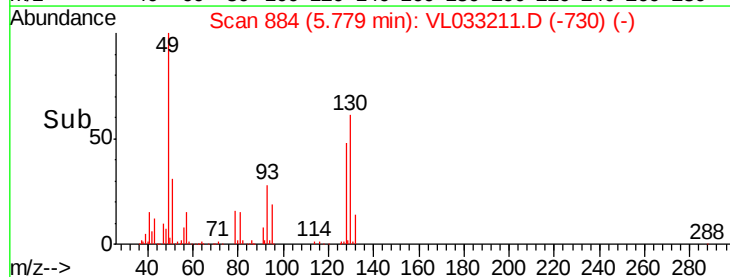
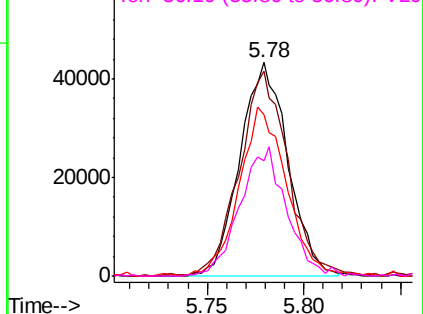
Acq: 14 Feb 2019 23:34

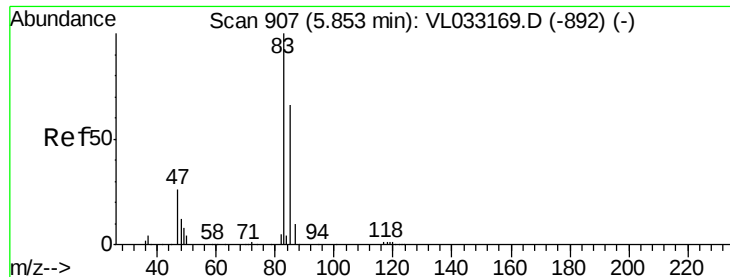
Tgt Ion: 57 Resp: 74617

Ion	Ratio	Lower	Upper
57	100		
41	98.5	69.4	104.2
43	78.8	176.7	265.1#
56	58.6	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





#29

Chloroform

Concen: 0.226 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.00 min

Lab File: VL033211.D

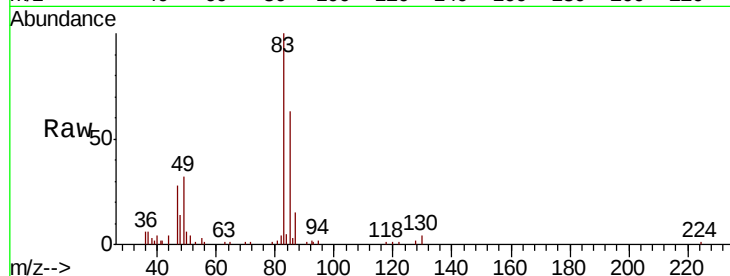
Acq: 14 Feb 2019 23:34

Tot Ion: 83 Resp: 39012

Ion Ratio Lower Upper

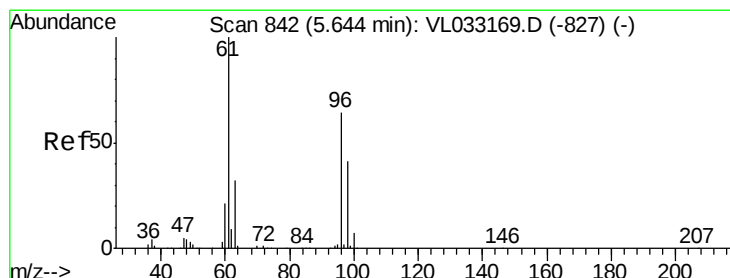
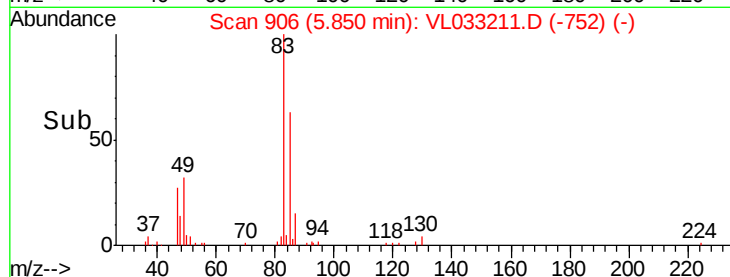
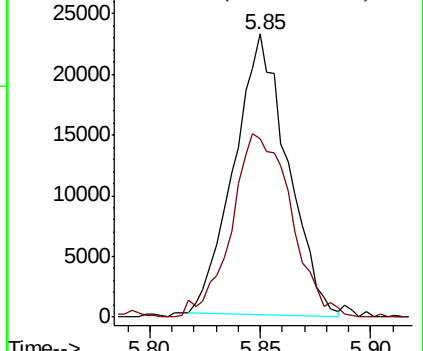
83 100

85 60.7 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.321 ppbv m

RT: 5.65 min Scan# 844

Delta R.T. 0.01 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

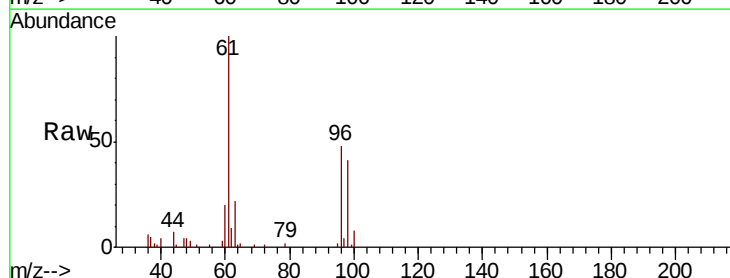
Tgt Ion: 61 Resp: 36288

Ion Ratio Lower Upper

61 100

96 48.3 51.2 76.8#

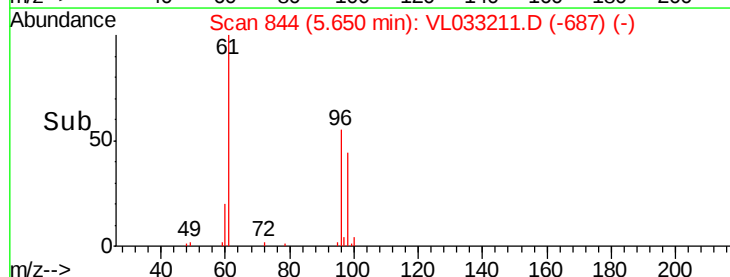
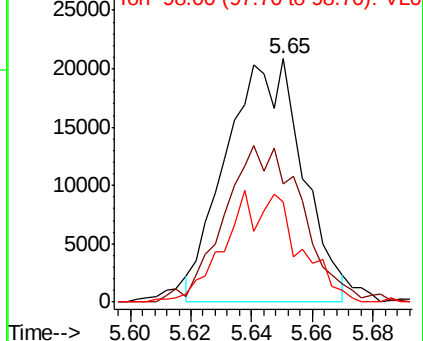
98 41.3 32.8 49.2

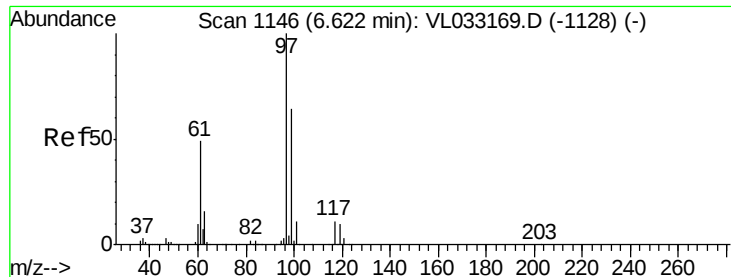


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0





#32

1,1,1-Trichloroethane

Concen: 126.794 ppbv

RT: 6.63 min Scan# 1149

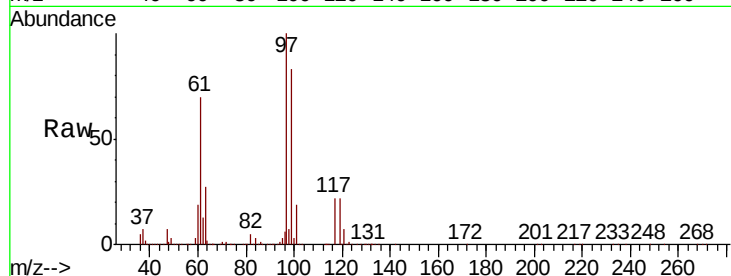
Delta R.T. 0.01 min

Lab File: VL033211.D

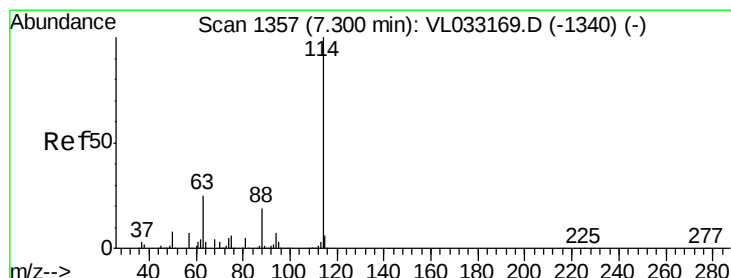
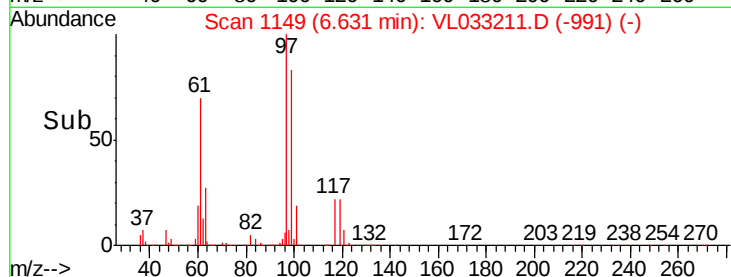
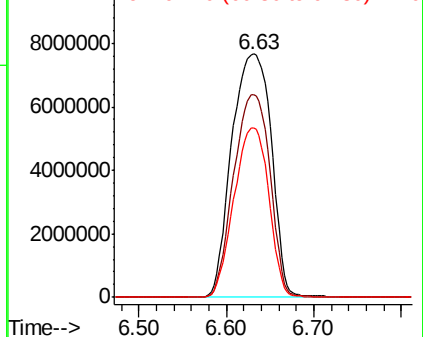
Acq: 14 Feb 2019 23:34

Tot Ion: 97 Resp: 24135639

Ion	Ratio	Lower	Upper
97	100		
99	76.7	51.4	77.2
61	61.5	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: 7.30 min Scan# 1356

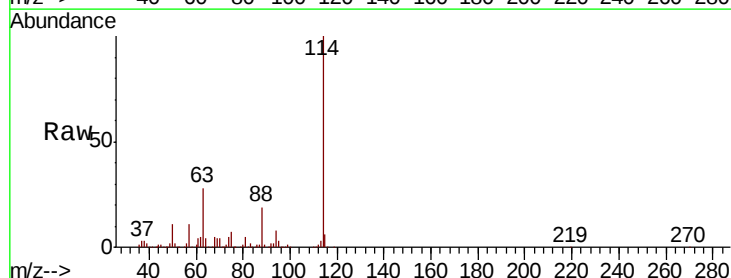
Delta R.T. -0.00 min

Lab File: VL033211.D

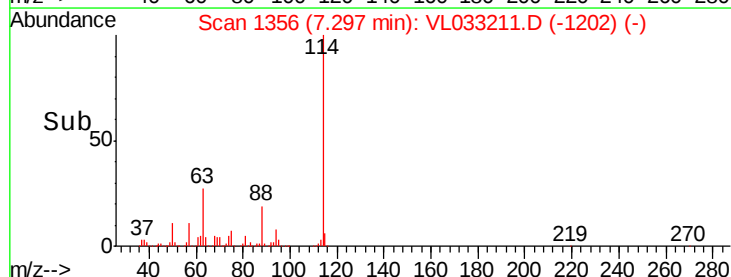
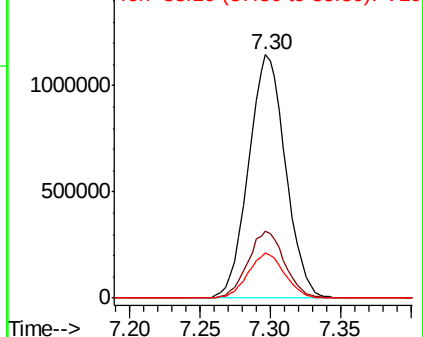
Acq: 14 Feb 2019 23:34

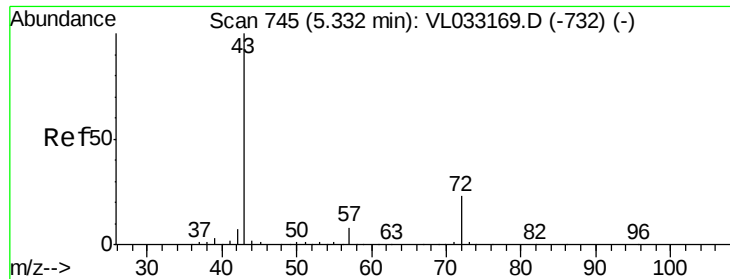
Tgt Ion: 114 Resp: 2100110

Ion	Ratio	Lower	Upper
114	100		
63	27.5	20.8	31.2
88	18.4	14.6	22.0



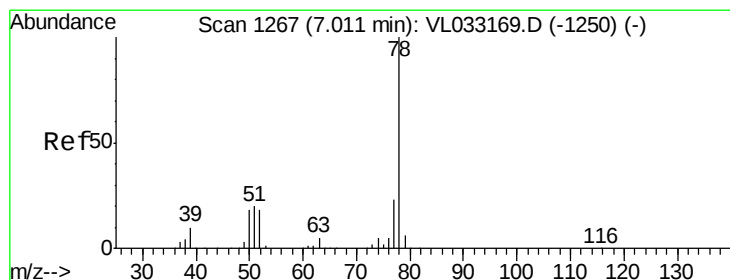
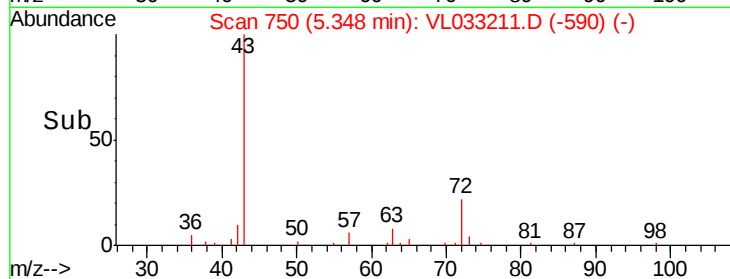
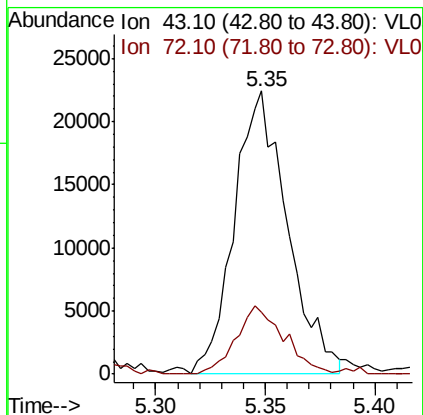
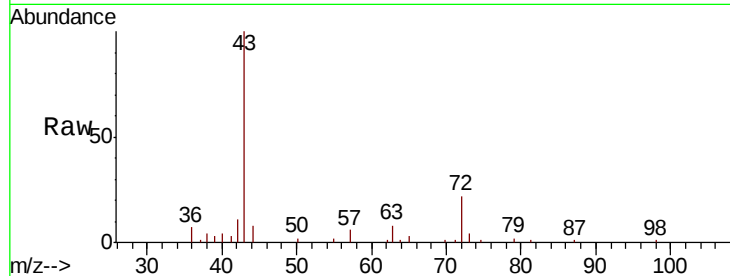
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





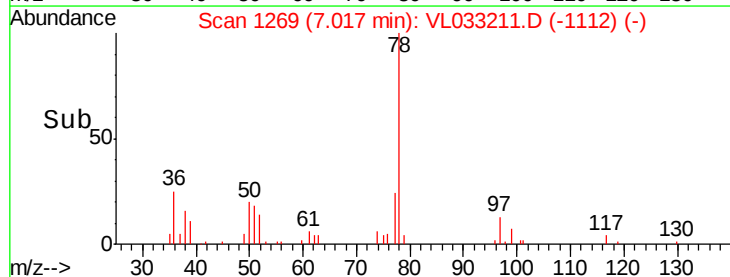
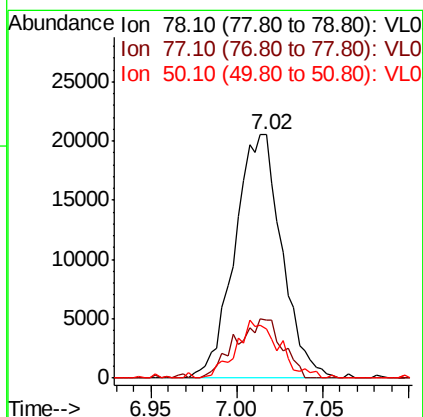
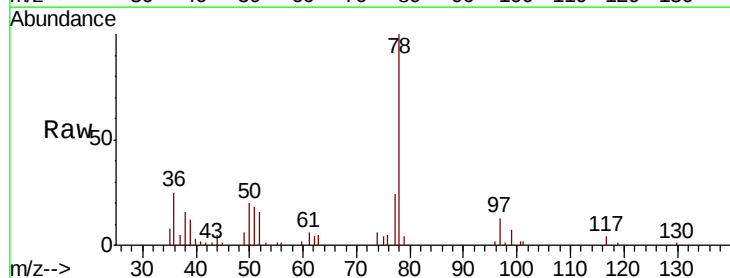
#34
2-Butanone
Concen: 0.282 ppbv m
RT: 5.35 min Scan# 750
Delta R.T. 0.02 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

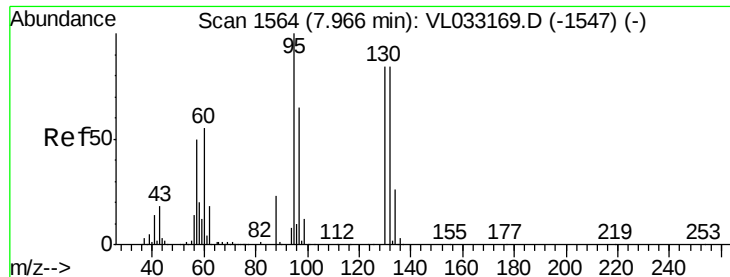
Tot Ion: 43 Resp: 37623
Ion Ratio Lower Upper
43 100
72 22.5 17.8 26.6



#36
Benzene
Concen: 0.183 ppbv
RT: 7.02 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

Tgt Ion: 78 Resp: 39001
Ion Ratio Lower Upper
78 100
77 23.7 18.0 27.0
50 20.0 14.2 21.2





#38

Trichloroethene

Concen: 1.186 ppbv

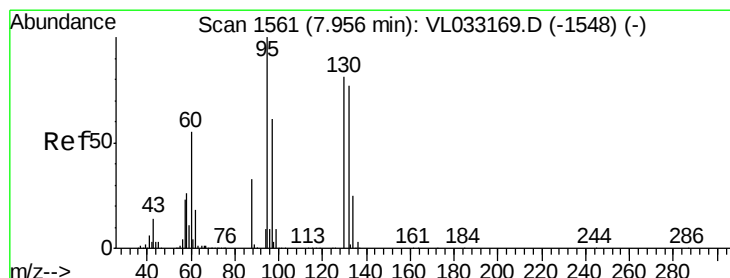
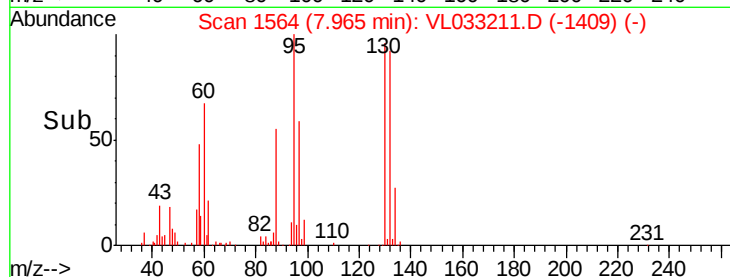
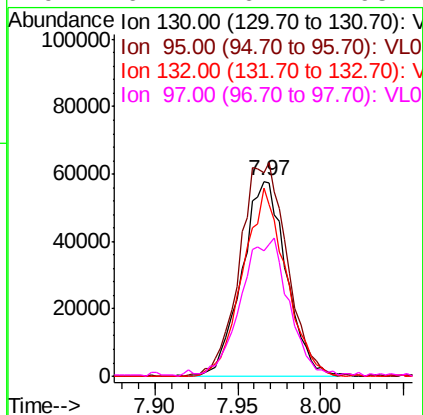
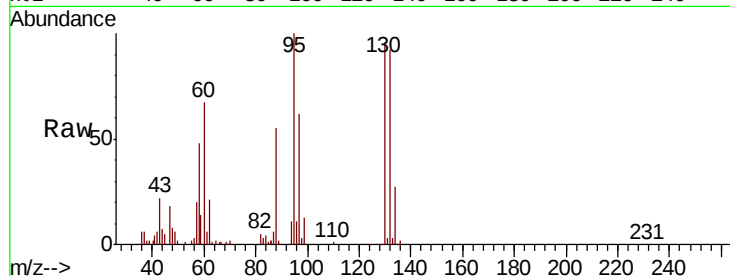
RT: 7.97 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tot Ion:130	Resp:	107899
Ion Ratio	Lower	Upper
130	100	
95	101.0	95.5 143.3
132	93.4	80.0 120.0
97	61.4	62.2 93.2#



#40

1,4-Dioxane

Concen: 2.799 ppbv m

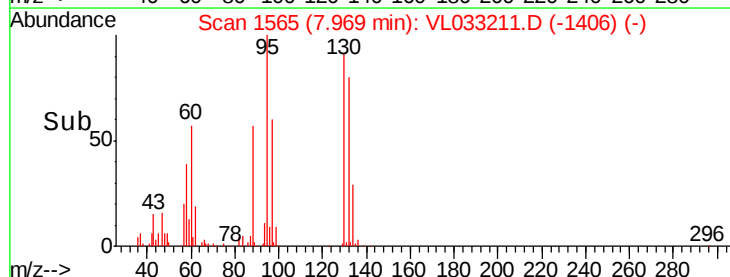
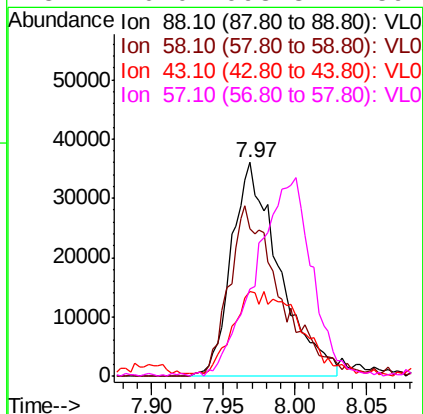
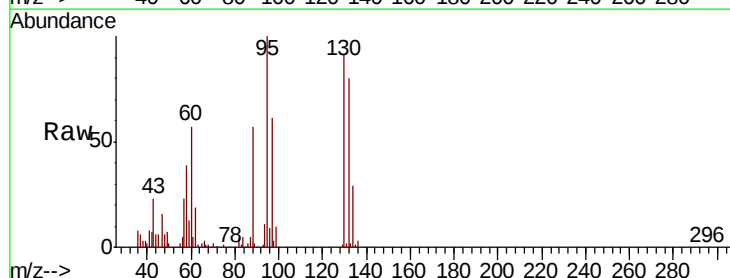
RT: 7.97 min Scan# 1565

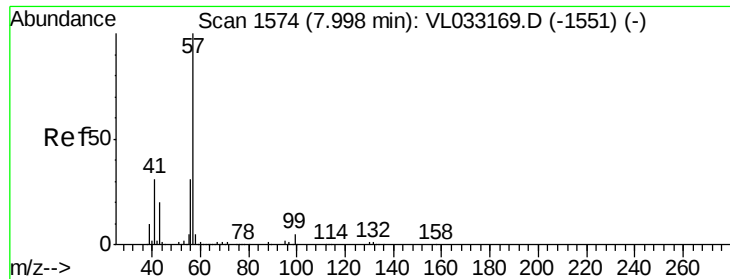
Delta R.T. 0.01 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tgt Ion: 88	Resp:	83524
Ion Ratio	Lower	Upper
88	100	
58	87.3	106.4 159.6#
43	57.4	219.6 329.4#
57	0.0	993.3 1489.9#





#44

2,2,4-Trimethylpentane

Concen: 0.250 ppbv

RT: 8.00 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

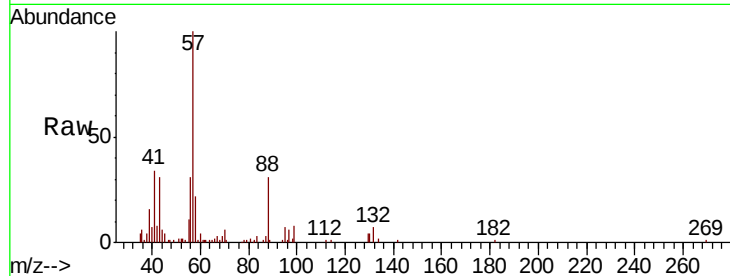
Tot Ion: 57 Resp: 90037

Ion Ratio Lower Upper

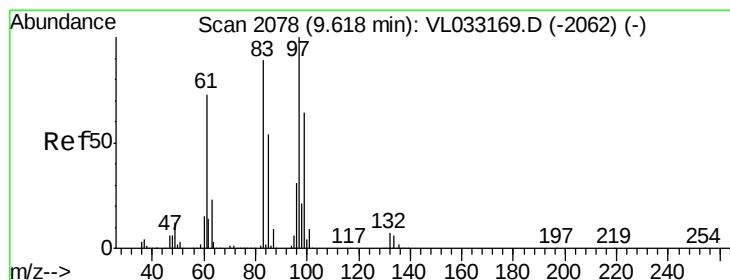
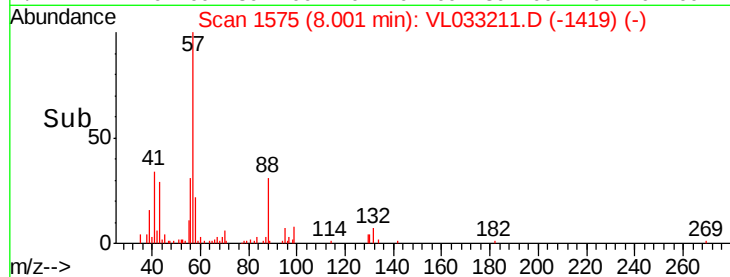
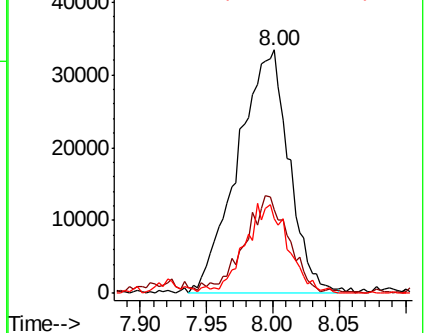
57 100

41 35.6 25.2 37.8

56 31.1 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: 0.427 ppbv m

RT: 9.62 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tgt Ion: 97 Resp: 37181

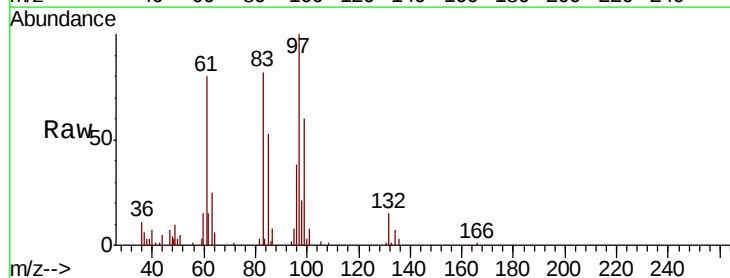
Ion Ratio Lower Upper

97 100

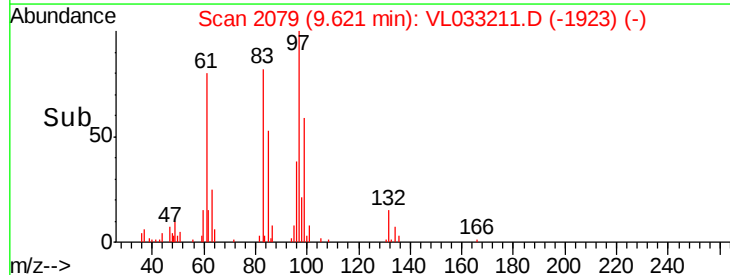
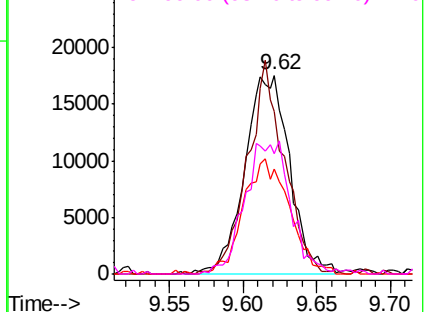
83 81.6 71.4 107.2

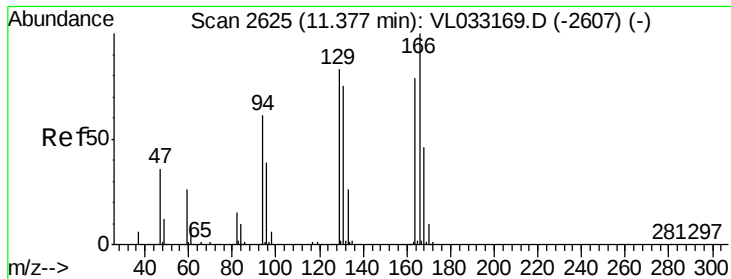
85 52.8 43.5 65.3

99 60.4 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: 2.182 ppbv

RT: 11.38 min Scan# 2625

Delta R.T. -0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tot Ion:164 Resp: 178458

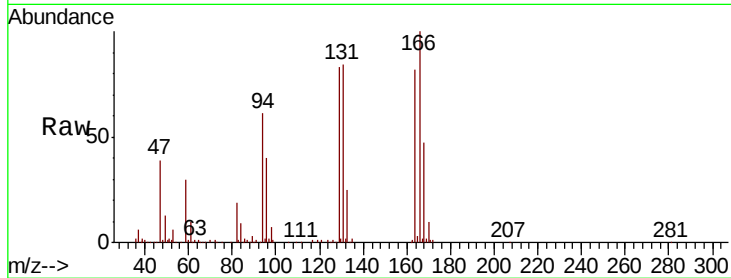
Ion Ratio Lower Upper

164 100

166 121.3 100.9 151.3

129 102.6 83.9 125.9

131 104.8 76.2 114.2

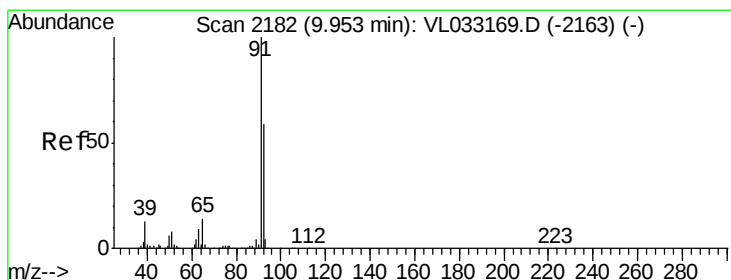
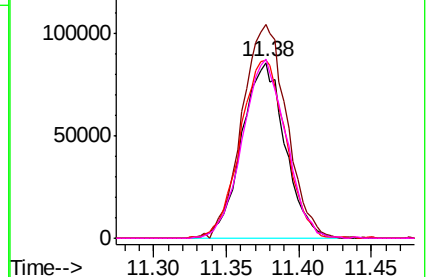
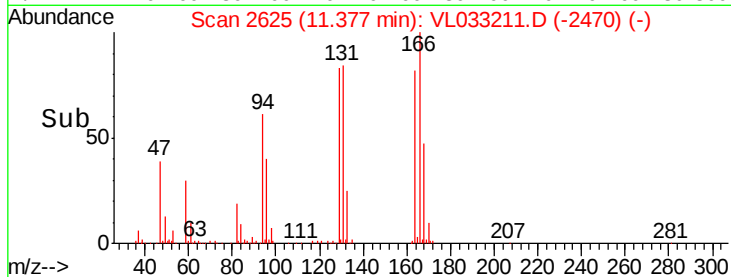


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.534 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.01 min

Lab File: VL033211.D

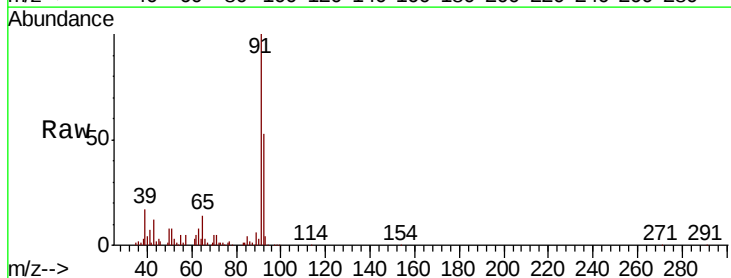
Acq: 14 Feb 2019 23:34

Tgt Ion: 91 Resp: 134629

Ion Ratio Lower Upper

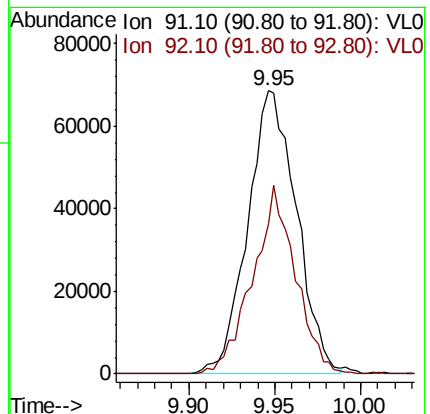
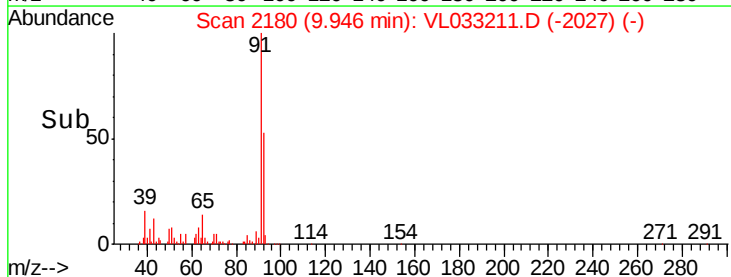
91 100

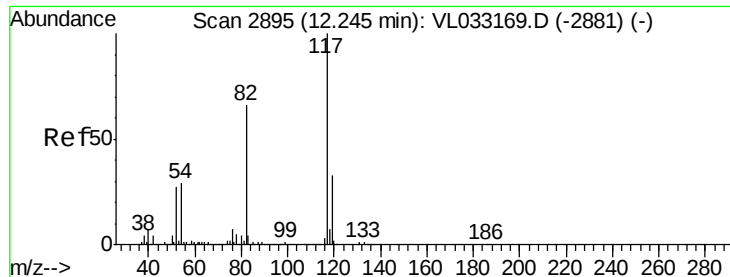
92 58.6 48.0 72.0



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# 2894

Delta R.T. -0.00 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

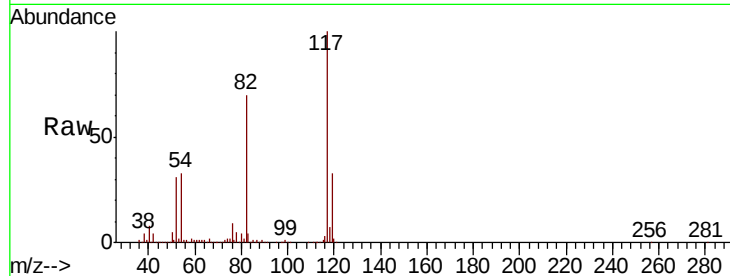
Tot Ion:117 Resp: 2074311

Ion Ratio Lower Upper

117 100

82 68.7 53.8 80.8

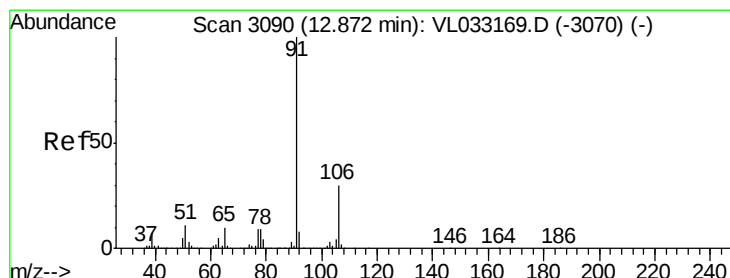
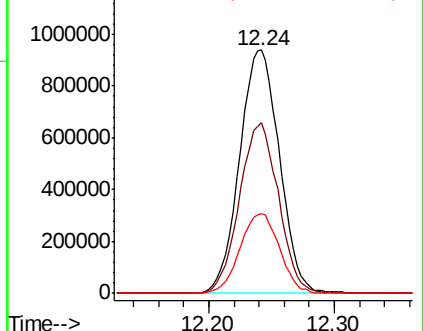
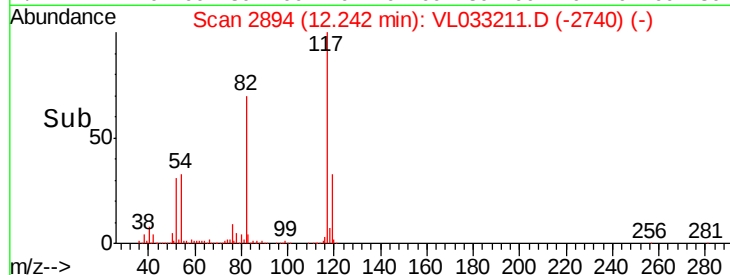
119 32.7 46.9 70.3#



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: 0.477 ppbv m

RT: 12.87 min Scan# 3089

Delta R.T. -0.00 min

Lab File: VL033211.D

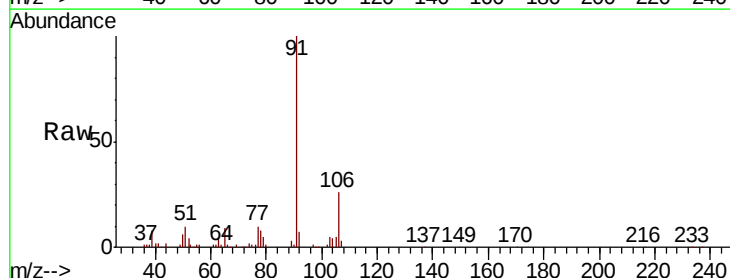
Acq: 14 Feb 2019 23:34

Tgt Ion: 91 Resp: 162277

Ion Ratio Lower Upper

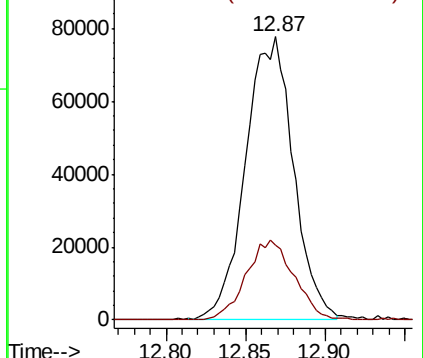
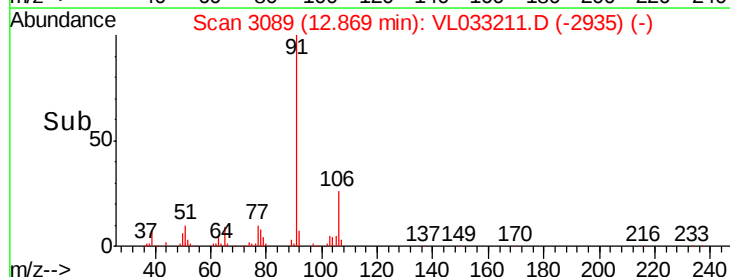
91 100

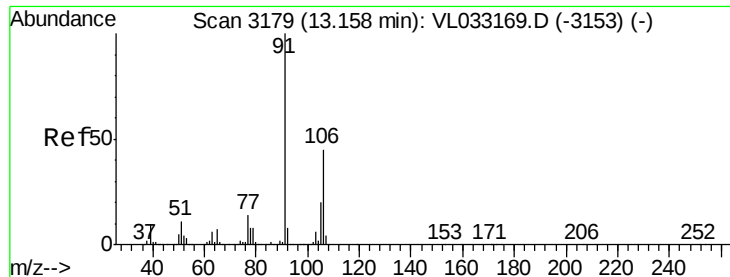
106 26.3 23.8 35.8



Abundance Ion 91.10 (90.80 to 91.80): VL0

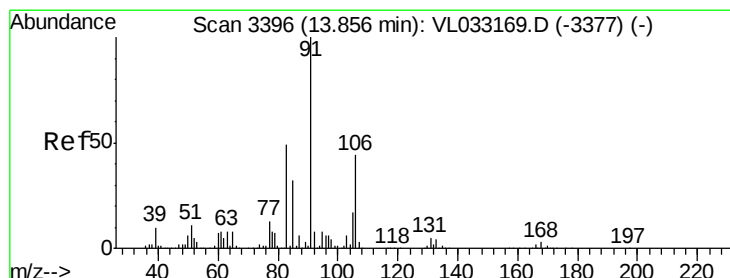
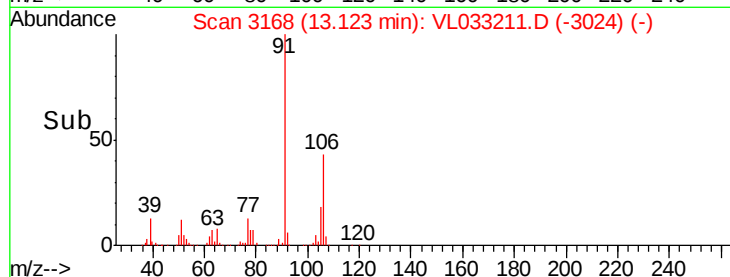
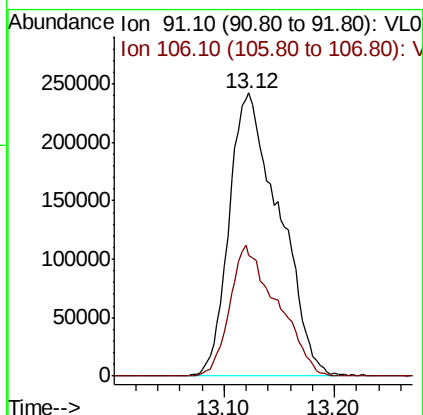
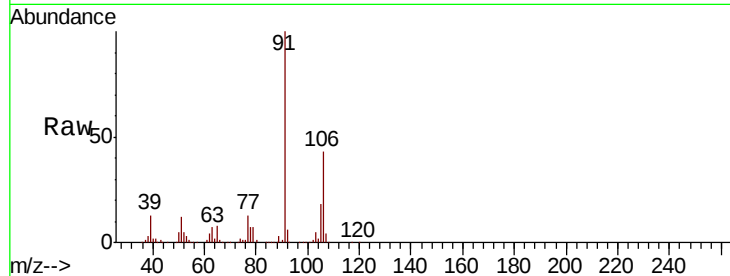
Ion 106.10 (105.80 to 106.80): V





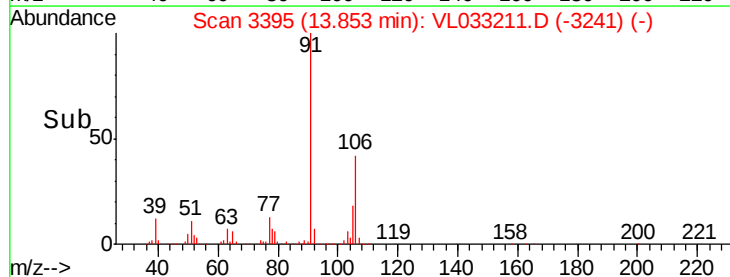
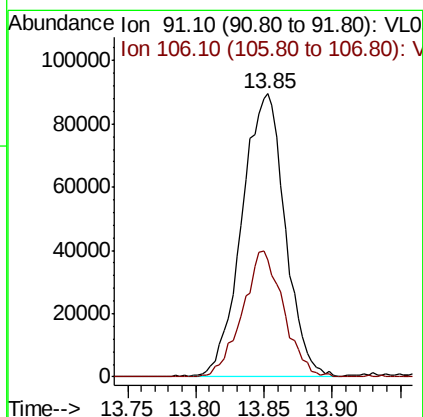
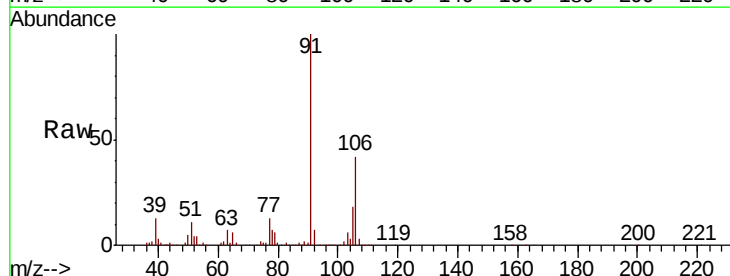
#59
m/p-Xylene
Concen: 2.675 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.04 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

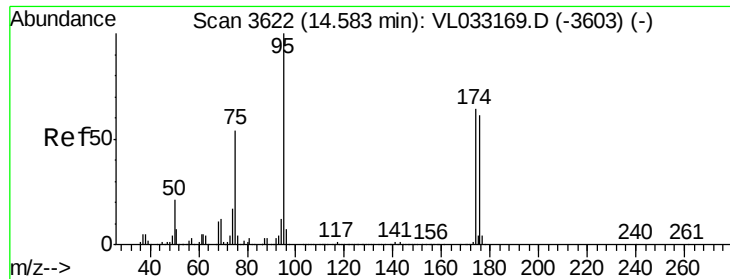
Tot Ion: 91 Resp: 757562
Ion Ratio Lower Upper
91 100
106 44.1 36.6 55.0



#60
o-Xylene
Concen: 0.710 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL033211.D
Acq: 14 Feb 2019 23:34

Tgt Ion: 91 Resp: 195977
Ion Ratio Lower Upper
91 100
106 42.5 21.8 65.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.545 ppbv

RT: 14.58 min Scan# 3620

Delta R.T. -0.01 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

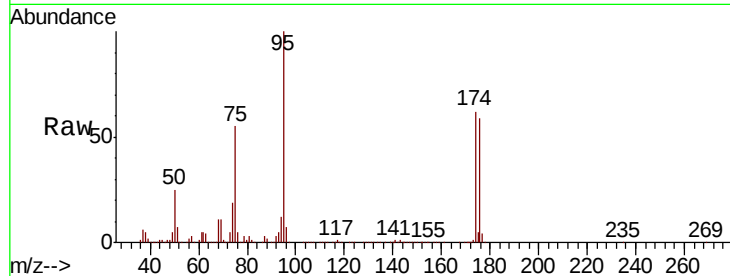
Tot Ion: 95 Resp: 1704699

Ion Ratio Lower Upper

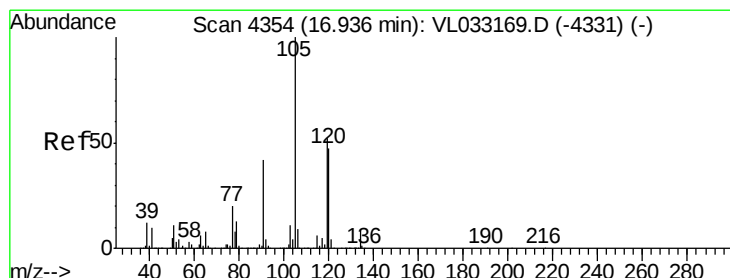
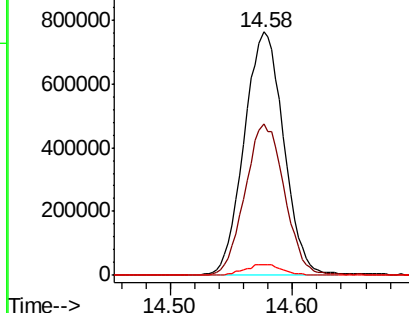
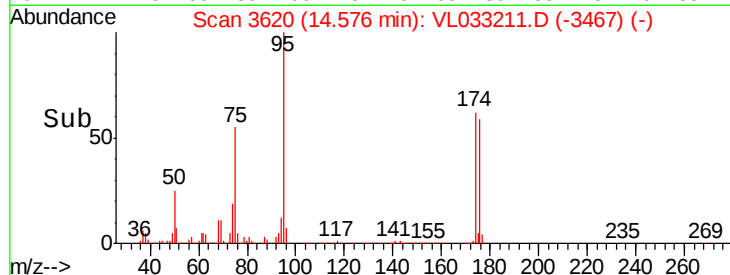
95 100

174 62.5 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: 0.346 ppbv m

RT: 16.92 min Scan# 4349

Delta R.T. -0.02 min

Lab File: VL033211.D

Acq: 14 Feb 2019 23:34

Tgt Ion: 105 Resp: 109204

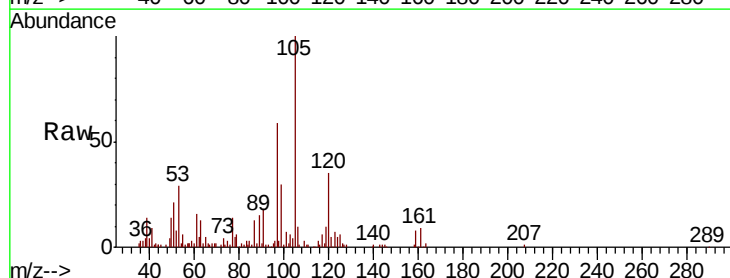
Ion Ratio Lower Upper

105 100

120 34.8 37.9 56.9#

91 18.2 34.0 51.0#

77 14.1 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

