

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033224.D
 Acq On : 15 Feb 2019 9:48
 Operator : SY/AP
 Sample : K1483-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 02:00:11 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	873176	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1866762	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1882036	10.00	ppbv	0.00

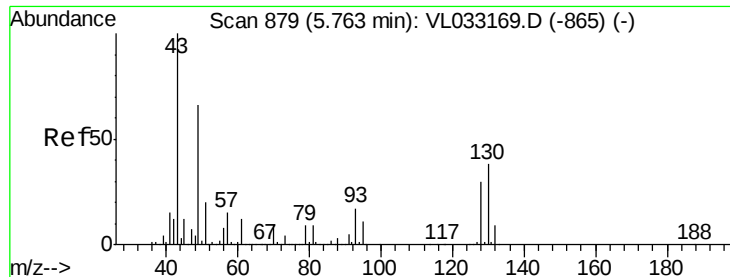
System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1524878	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.08	85	89404	0.536	ppbv	98
3) Chlorodifluoromethane	3.02	51	38311m	0.364	ppbv	
4) Chloromethane	3.17	50	11518m	0.207	ppbv	
7) Chloroethane	3.60	64	24895	1.314	ppbv #	87
10) Heptane	8.25	43	25669	0.167	ppbv	97
11) Trichlorofluoromethane	4.01	101	49815	0.369	ppbv	94
12) 1,1,2-Trichlorotrifluoroet	4.56	101	121532	1.297	ppbv	96
13) Ethanol	3.65	45	73645	4.267	ppbv	99
15) Acetone	3.91	43	445497m	4.529	ppbv	
18) 1,1-Dichloroethene	4.35	96	56433	1.346	ppbv	97
19) Isopropyl Alcohol	4.02	45	843676	12.645	ppbv	99
20) Methylene Chloride	4.41	84	101700	2.599	ppbv	94
22) trans-1,2-Dichloroethene	4.97	96	13068	0.321	ppbv	87
24) 1,1-Dichloroethane	5.09	63	3306069	27.414	ppbv	100
26) Hexane	5.78	57	134878	1.299	ppbv #	41
31) cis-1,2-Dichloroethene	5.64	61	29916m	0.288	ppbv	
32) 1,1,1-Trichloroethane	6.62	97	5268155	30.067	ppbv	99
34) 2-Butanone	5.34	43	48283	0.408	ppbv	100
35) Carbon Tetrachloride	7.13	117	11211m	0.079	ppbv	
36) Benzene	7.01	78	48612	0.257	ppbv #	94
38) Trichloroethene	7.97	130	81994m	1.014	ppbv	
40) 1,4-Dioxane	7.97	88	124768m	4.703	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	95874	0.299	ppbv #	91
47) 1,1,2-Trichloroethane	9.62	97	8724	0.113	ppbv #	69
52) Tetrachloroethene	11.37	164	64348m	0.885	ppbv	
53) Toluene	9.95	91	190579	0.851	ppbv	95
58) Ethyl Benzene	12.86	91	128405	0.416	ppbv #	85
59) m/p-Xylene	13.12	91	598307	2.328	ppbv	97
60) o-Xylene	13.85	91	155444	0.620	ppbv	96
74) 1,2,4-Trimethylbenzene	16.93	105	95857	0.334	ppbv #	70

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

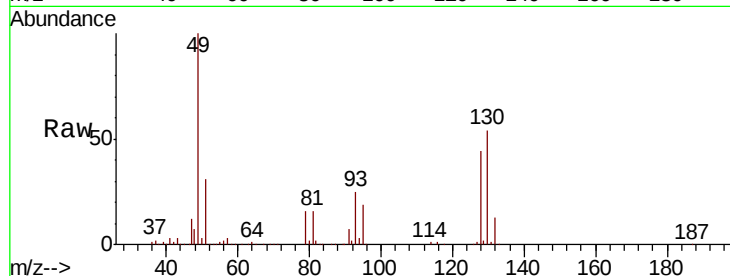
Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tot Ion: 49 Resp: 873176

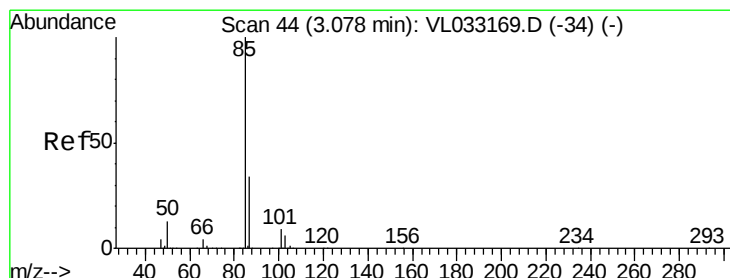
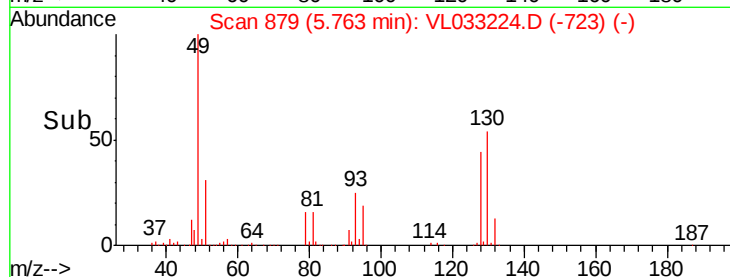
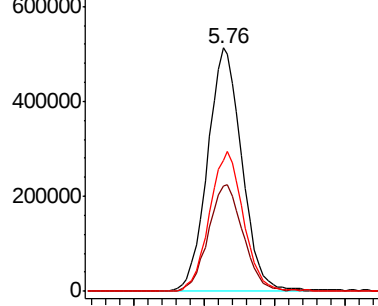
Ion	Ratio	Lower	Upper
49	100		
128	44.6	23.6	71.0
130	57.5	30.3	91.0



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: 0.536 ppbv

RT: 3.08 min Scan# 44

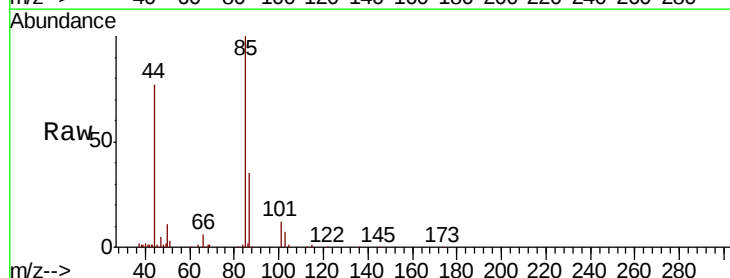
Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

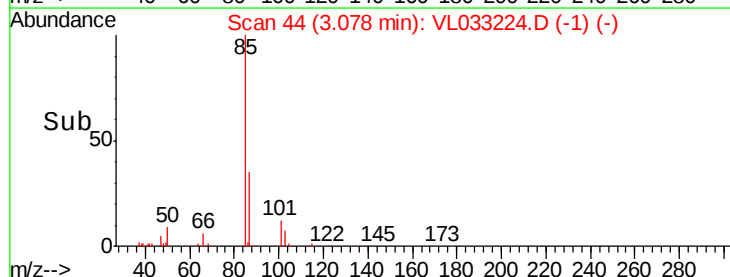
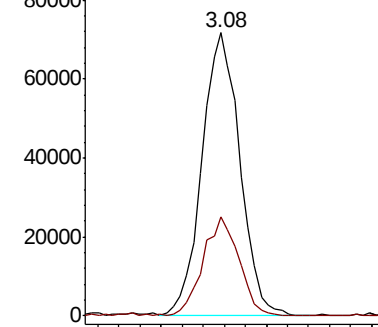
Tgt Ion: 85 Resp: 89404

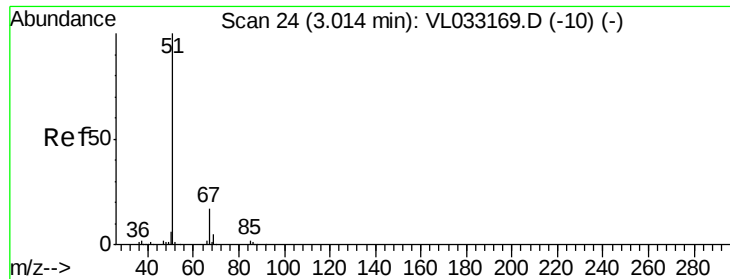
Ion	Ratio	Lower	Upper
85	100		
87	35.2	27.4	41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.364 ppbv m

RT: 3.02 min Scan# 25

Delta R.T. 0.00 min

Lab File: VL033224.D

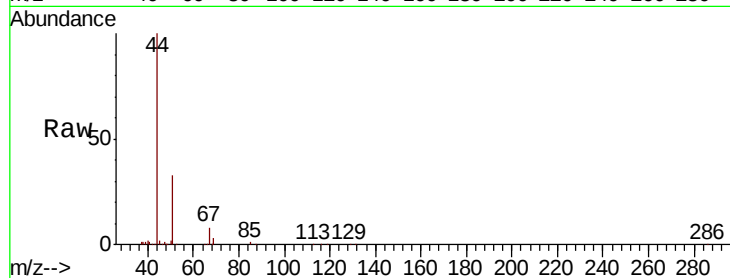
Acq: 15 Feb 2019 9:48

Tot Ion: 51 Resp: 38311

Ion Ratio Lower Upper

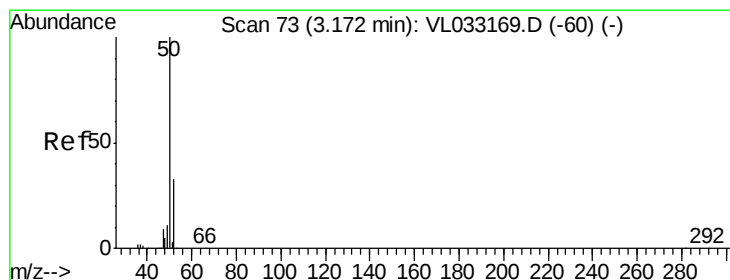
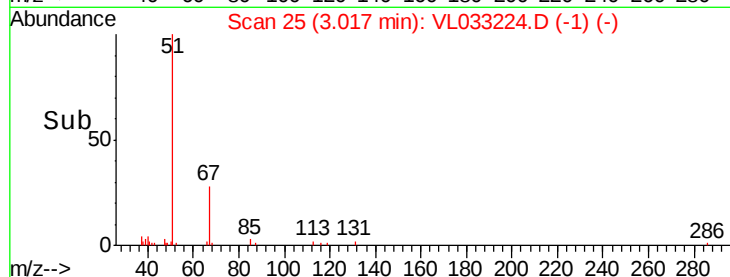
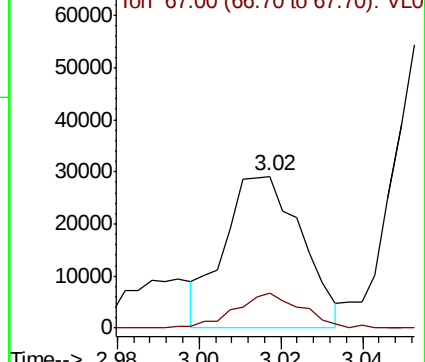
51 100

67 20.0 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: 0.207 ppbv m

RT: 3.17 min Scan# 74

Delta R.T. 0.00 min

Lab File: VL033224.D

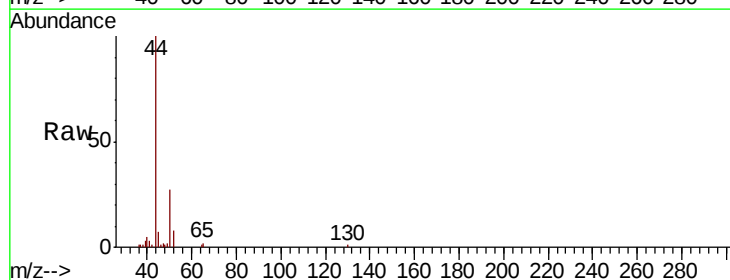
Acq: 15 Feb 2019 9:48

Tgt Ion: 50 Resp: 11518

Ion Ratio Lower Upper

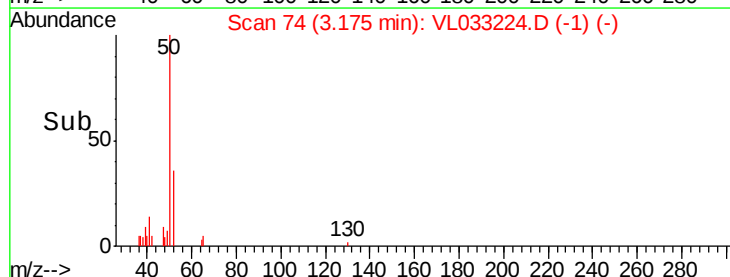
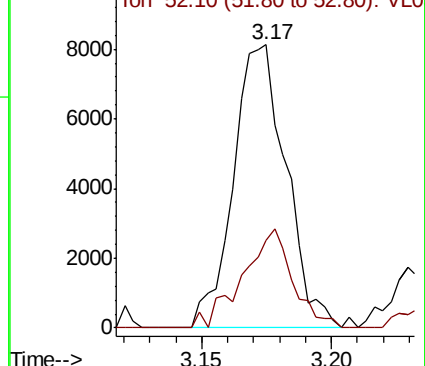
50 100

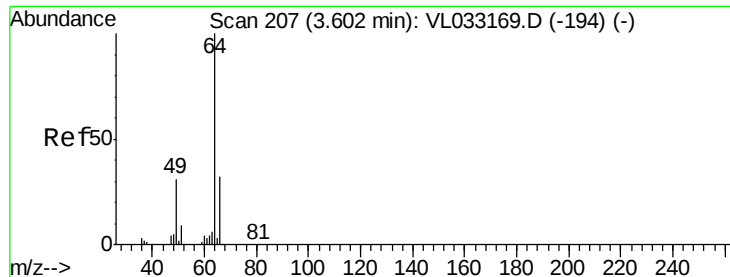
52 31.0 26.5 39.7



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 1.314 ppbv

RT: 3.60 min Scan# 207

Delta R.T. 0.00 min

Lab File: VL033224.D

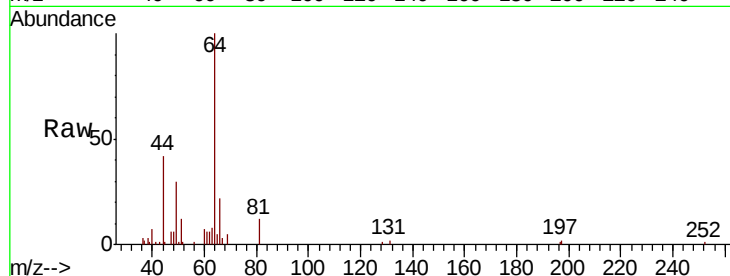
Acq: 15 Feb 2019 9:48

Tot Ion: 64 Resp: 24895

Ion Ratio Lower Upper

64 100

66 25.0 26.0 39.0#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

3.60

20000

15000

10000

5000

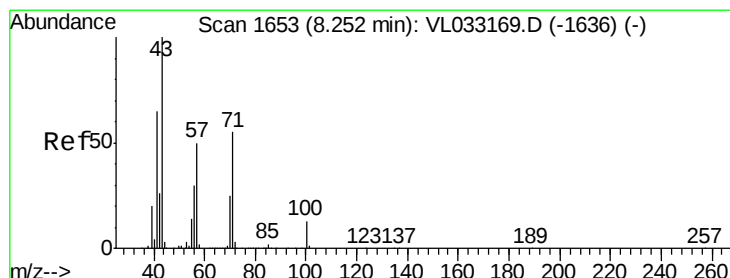
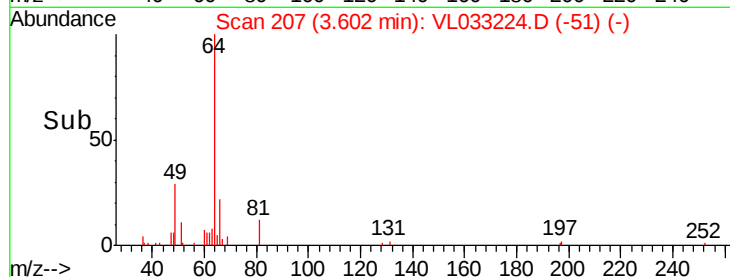
0

Time-->

3.55

3.60

3.65



#10

Heptane

Concen: 0.167 ppbv

RT: 8.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL033224.D

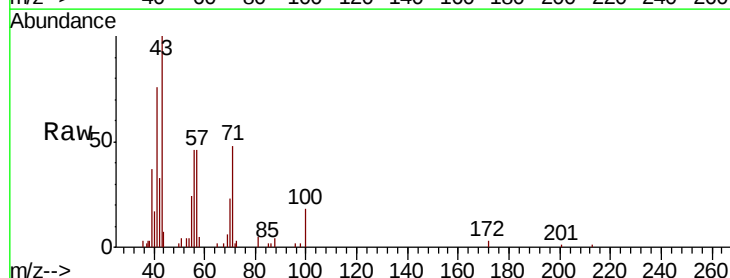
Acq: 15 Feb 2019 9:48

Tgt Ion: 43 Resp: 25669

Ion Ratio Lower Upper

43 100

57 51.3 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

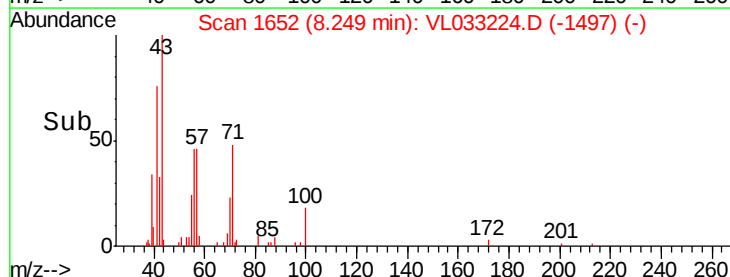
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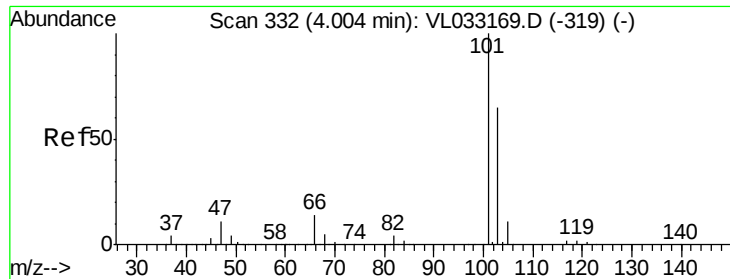
Time-->

8.20

8.25

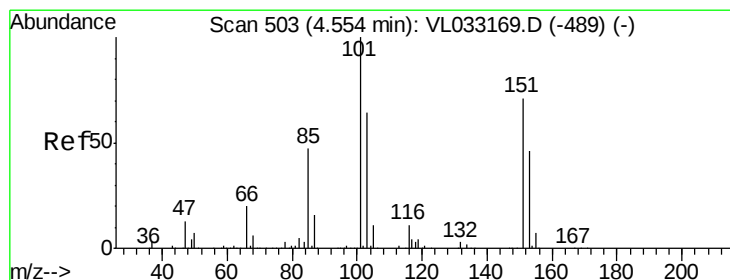
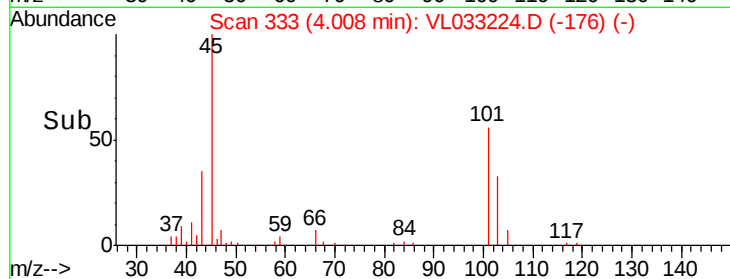
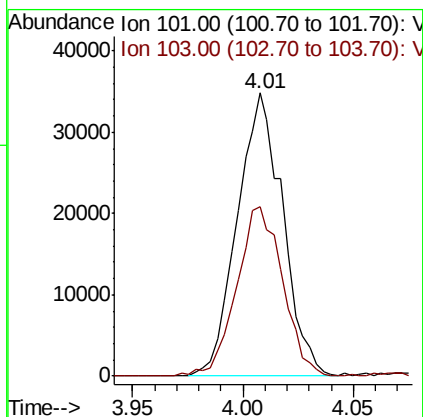
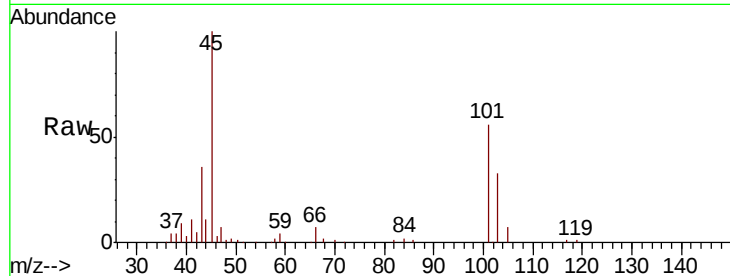
8.30





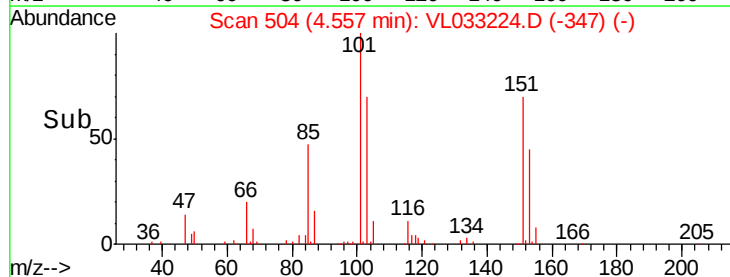
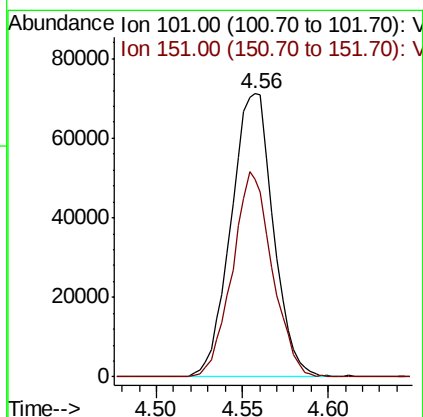
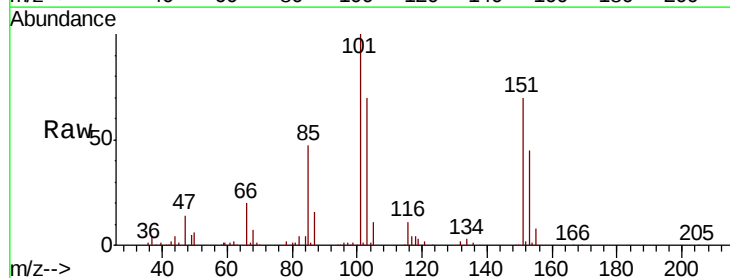
#11
 Trichlorofluoromethane
 Concen: 0.369 ppbv
 RT: 4.01 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

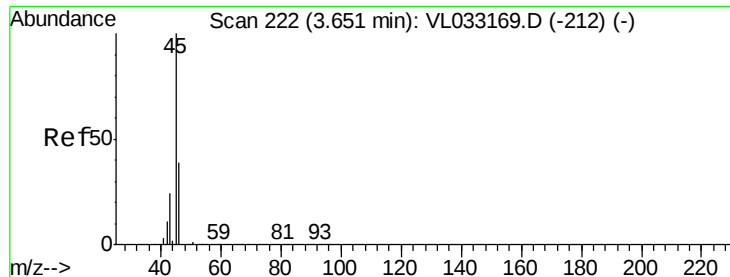
Tot Ion:101 Resp: 49815
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.297 ppbv
 RT: 4.56 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

Tgt Ion:101 Resp: 121532
 Ion Ratio Lower Upper
 101 100
 151 68.1 57.4 86.0





#13

Ethanol

Concen: 4.267 ppbv

RT: 3.65 min Scan# 223

Delta R.T. 0.00 min

Lab File: VL033224.D

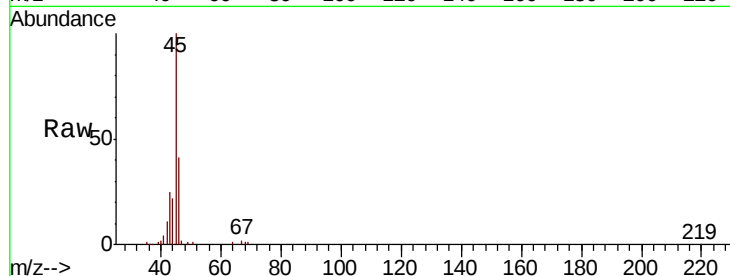
Acq: 15 Feb 2019 9:48

Tot Ion: 45 Resp: 73645

Ion Ratio Lower Upper

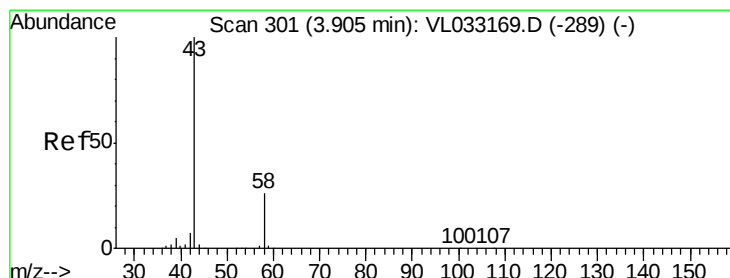
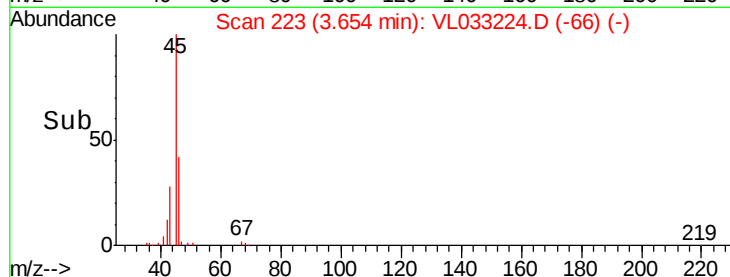
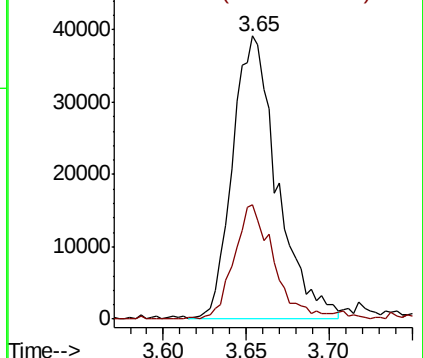
45 100

46 37.1 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: 4.529 ppbv m

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL033224.D

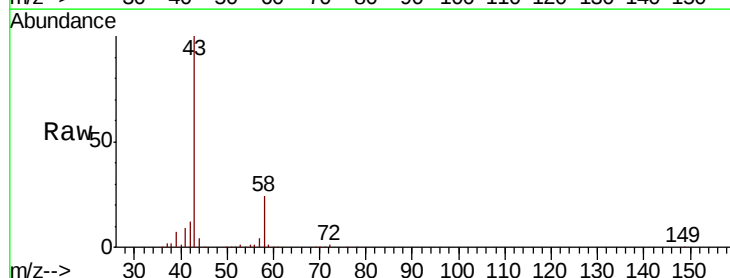
Acq: 15 Feb 2019 9:48

Tgt Ion: 43 Resp: 445497

Ion Ratio Lower Upper

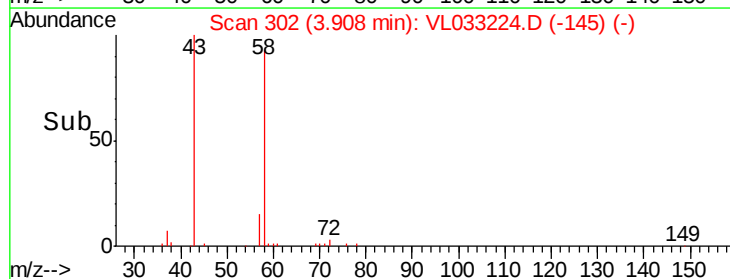
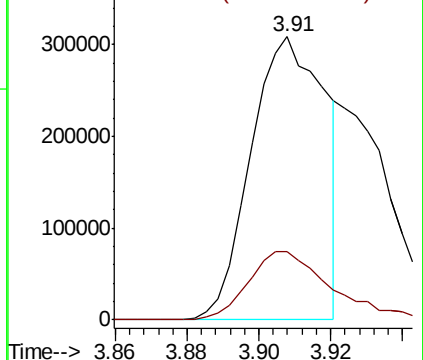
43 100

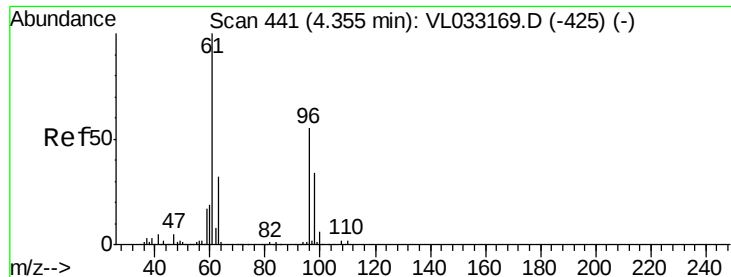
58 27.2 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#18

1,1-Dichloroethene

Concen: 1.346 ppbv

RT: 4.35 min Scan# 441

Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

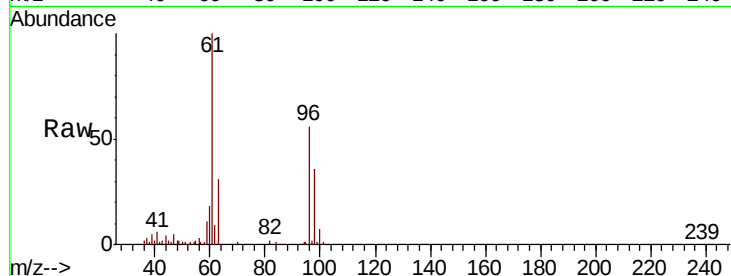
Tot Ion: 96 Resp: 56433

Ion Ratio Lower Upper

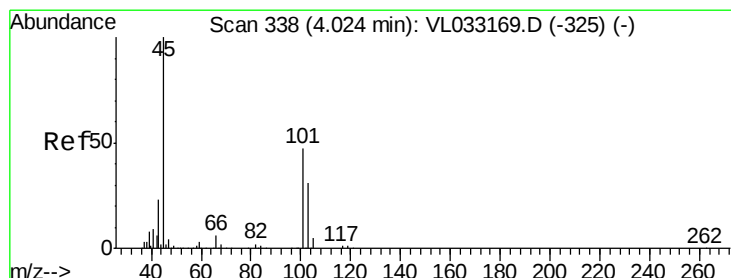
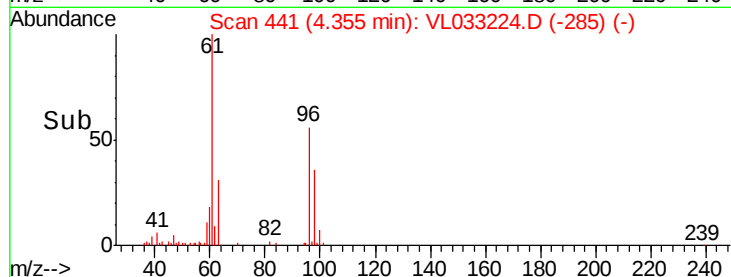
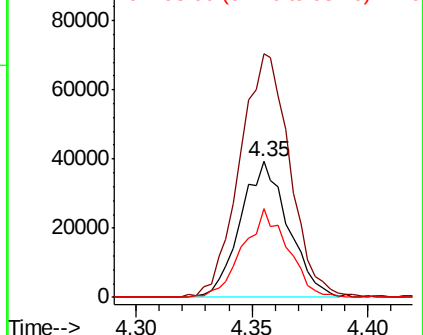
96 100

61 177.2 145.0 217.6

98 64.5 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: 12.645 ppbv

RT: 4.02 min Scan# 338

Delta R.T. 0.00 min

Lab File: VL033224.D

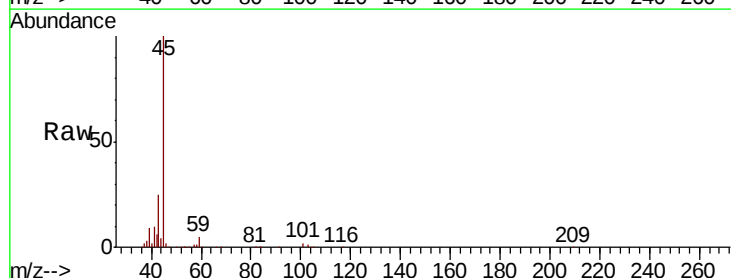
Acq: 15 Feb 2019 9:48

Tgt Ion: 45 Resp: 843676

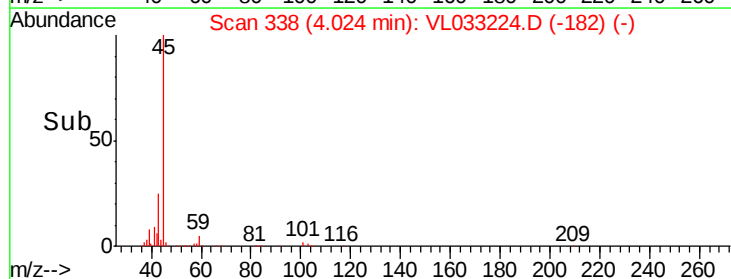
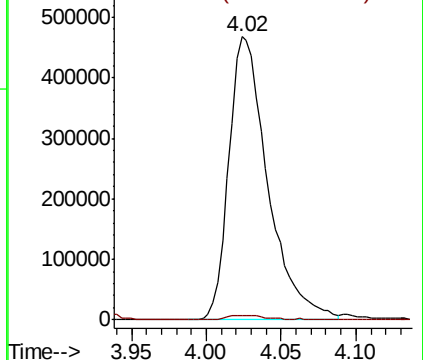
Ion Ratio Lower Upper

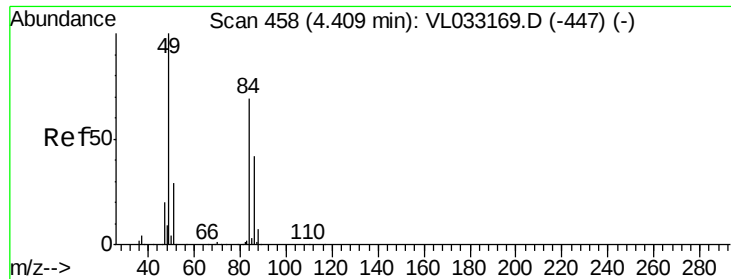
45 100

58 2.1 1.5 2.3



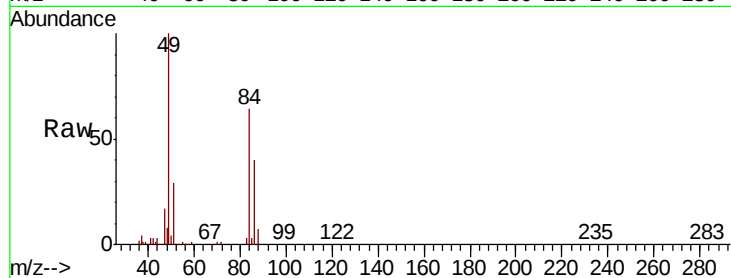
Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





#20
Methylene Chloride
Concen: 2.599 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.00 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

Tot Ion:	84	Resp:	101700
Ion	Ratio	Lower	Upper
84	100		
49	155.6	115.8	173.8
51	44.5	33.0	49.6
86	61.8	48.2	72.2



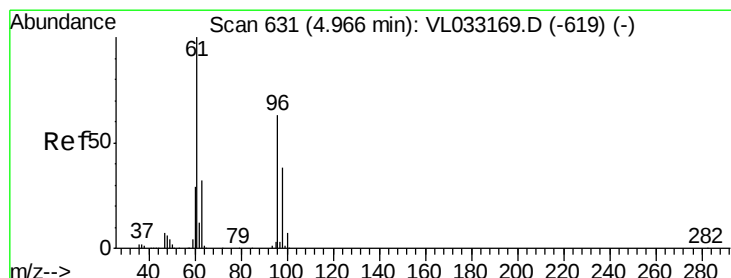
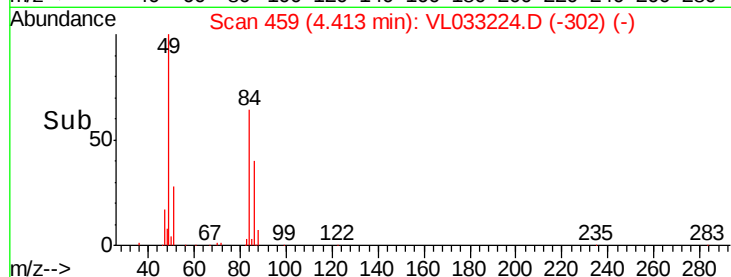
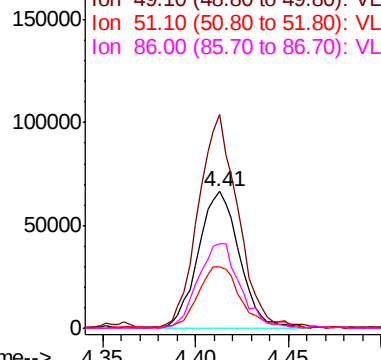
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

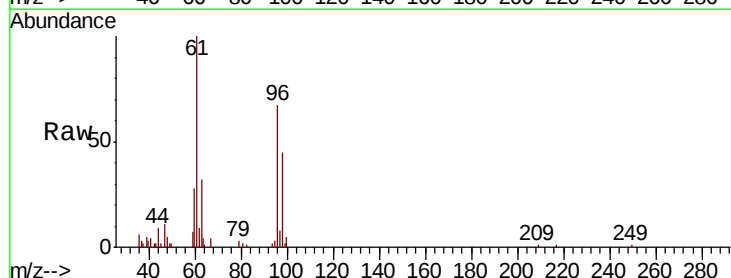
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#22
trans-1,2-Dichloroethene
Concen: 0.321 ppbv
RT: 4.97 min Scan# 632
Delta R.T. 0.00 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

Tgt Ion:	96	Resp:	13068
Ion	Ratio	Lower	Upper
96	100		
61	136.8	126.4	189.6
98	63.3	48.4	72.6

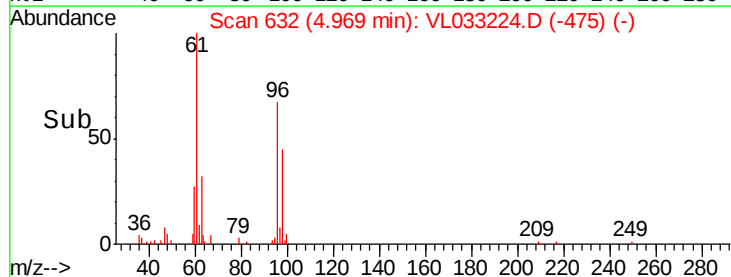
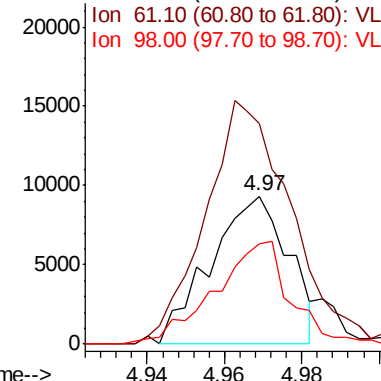


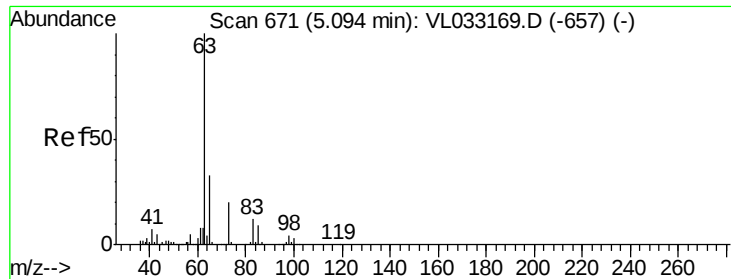
Abundance

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: 27.414 ppbv

RT: 5.09 min Scan# 670

Delta R.T. -0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

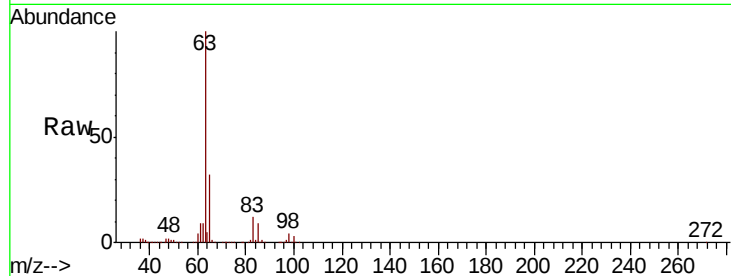
Tot Ion: 63 Resp: 3306069

Ion Ratio Lower Upper

63 100

98 4.3 2.1 6.5

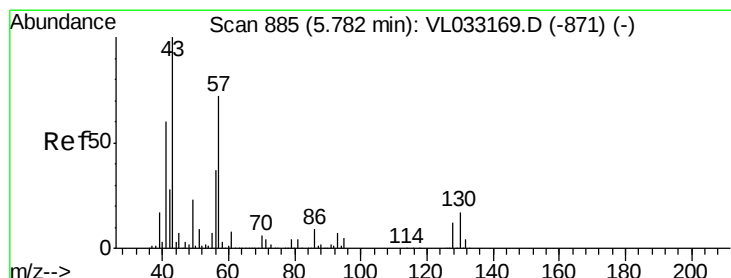
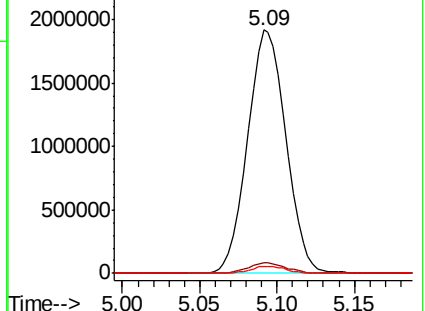
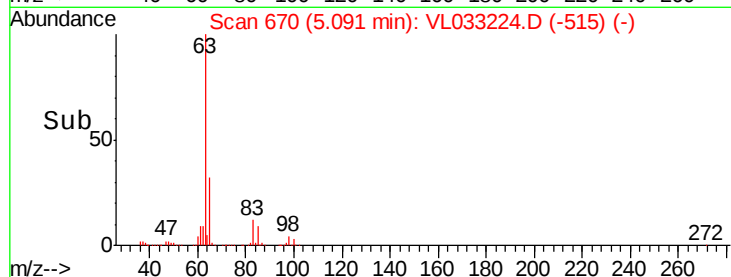
100 2.6 1.4 4.2



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: 1.299 ppbv

RT: 5.78 min Scan# 885

Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tgt Ion: 57 Resp: 134878

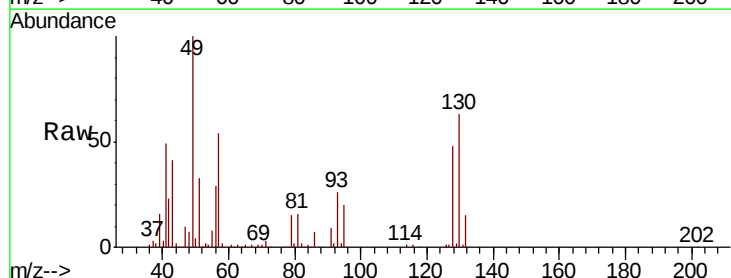
Ion Ratio Lower Upper

57 100

41 94.5 69.4 104.2

43 75.1 176.7 265.1#

56 56.4 41.4 62.0

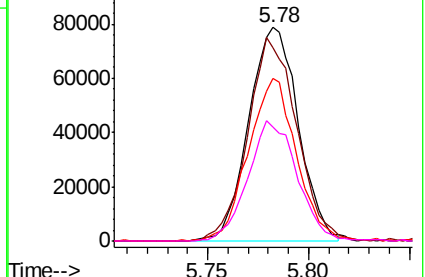
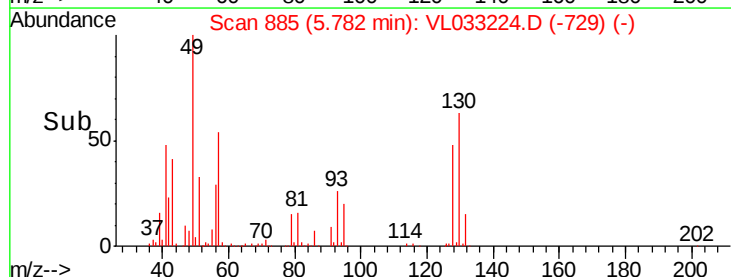


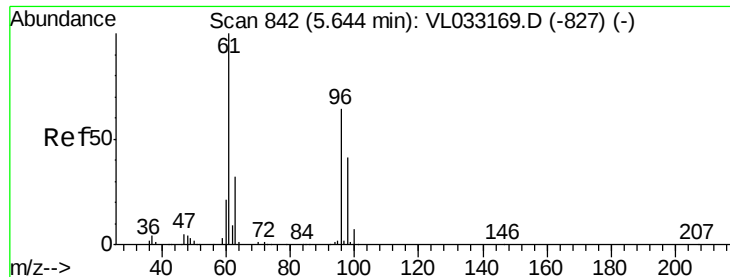
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

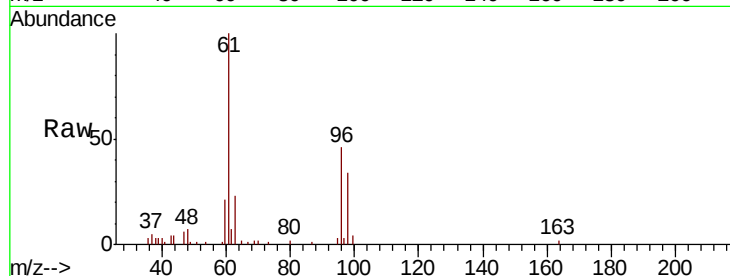




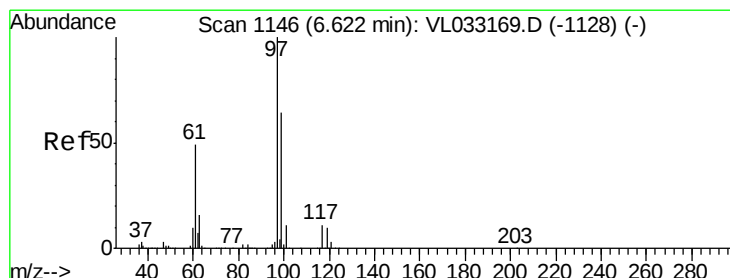
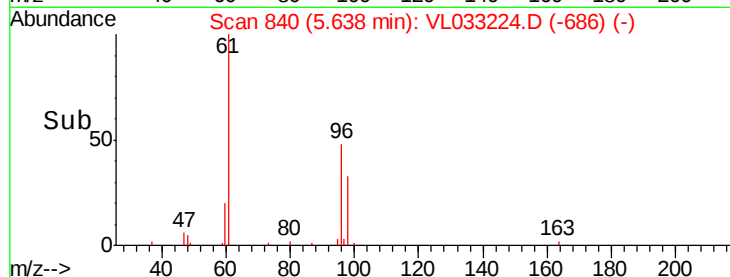
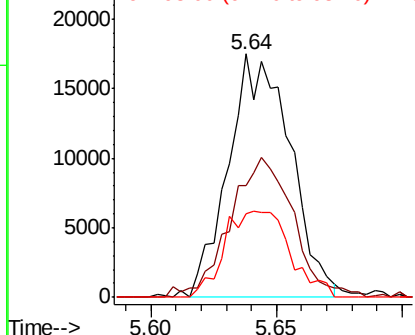
#31

cis-1,2-Dichloroethene
 Concen: 0.288 ppbv m
 RT: 5.64 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

Tot Ion	61	Resp	29916
Ion	Ratio	Lower	Upper
61	100		
96	46.0	51.2	76.8#
98	34.4	32.8	49.2



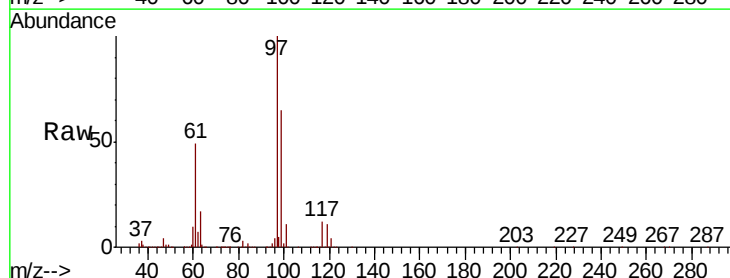
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



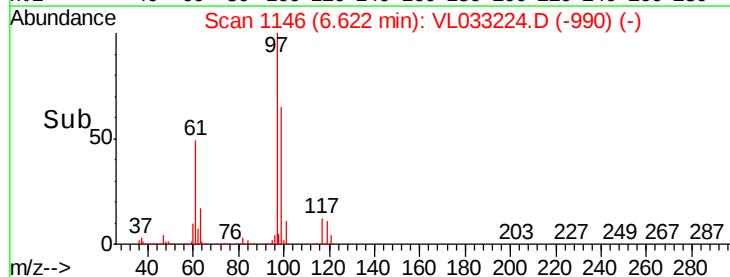
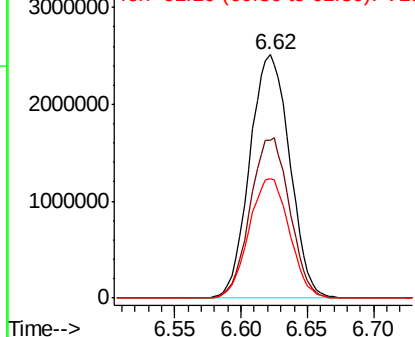
#32

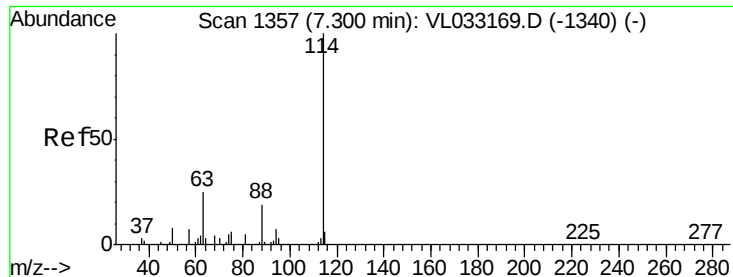
1,1,1-Trichloroethane
 Concen: 30.067 ppbv
 RT: 6.62 min Scan# 1146
 Delta R.T. 0.00 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

Tgt Ion	97	Resp	5268155
Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.4	77.2
61	49.7	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: VL033224.D

Acq: 15 Feb 2019 9:48

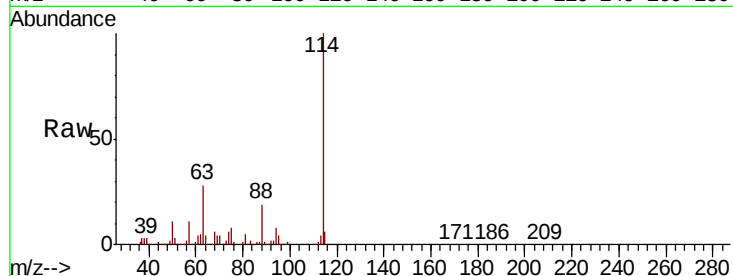
Tot Ion:114 Resp: 1866762

Ion Ratio Lower Upper

114 100

63 28.1 20.8 31.2

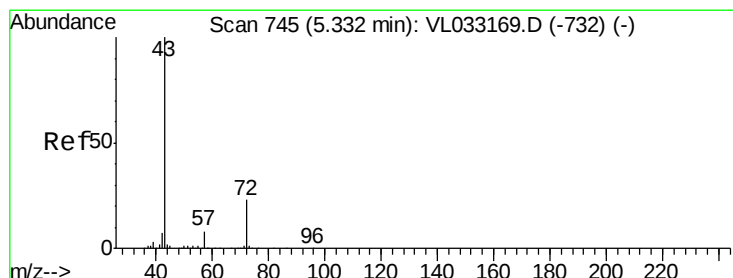
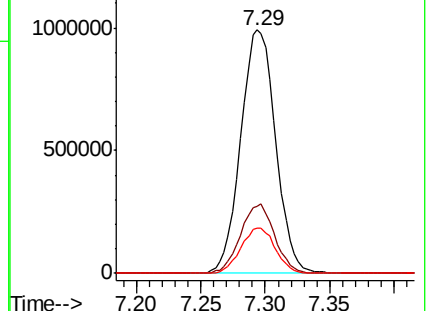
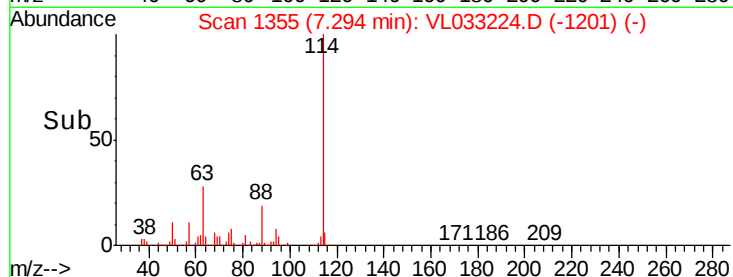
88 18.5 14.6 22.0



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: 0.408 ppbv

RT: 5.34 min Scan# 747

Delta R.T. 0.01 min

Lab File: VL033224.D

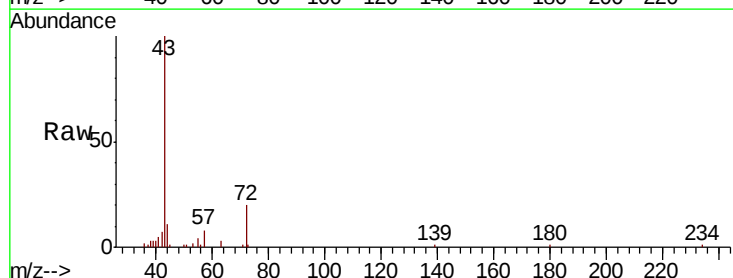
Acq: 15 Feb 2019 9:48

Tgt Ion: 43 Resp: 48283

Ion Ratio Lower Upper

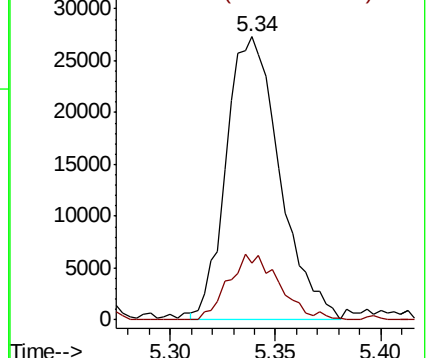
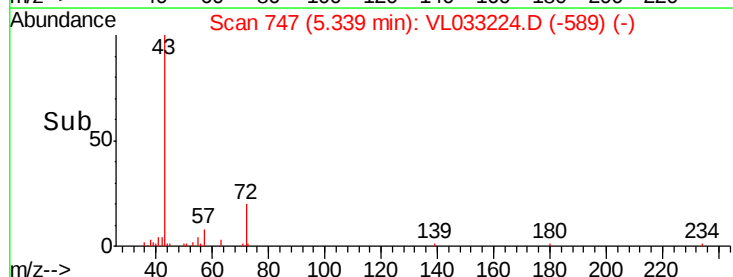
43 100

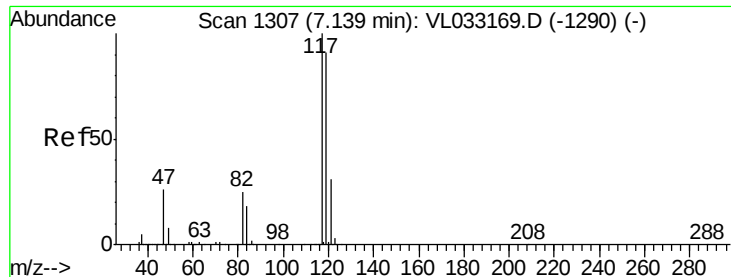
72 22.2 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.079 ppbv m

RT: 7.13 min Scan# 1305

Delta R.T. -0.01 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

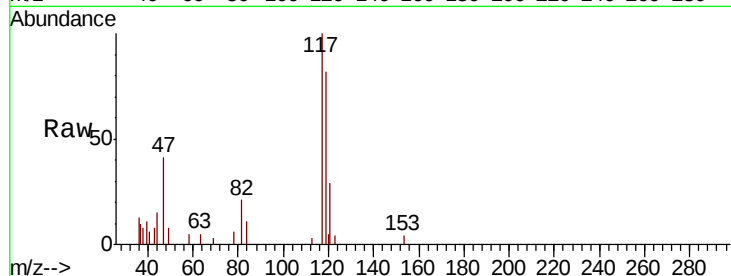
Tot Ion: 117 Resp: 11211

Ion Ratio Lower Upper

117 100

119 81.8 73.0 109.6

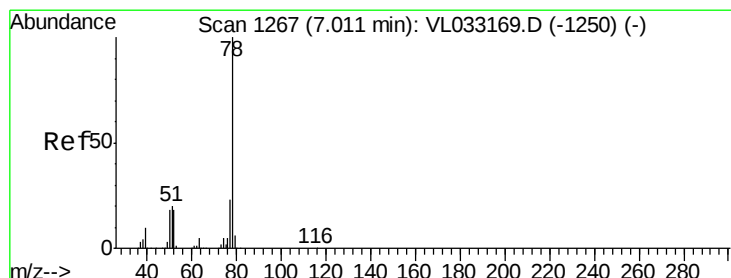
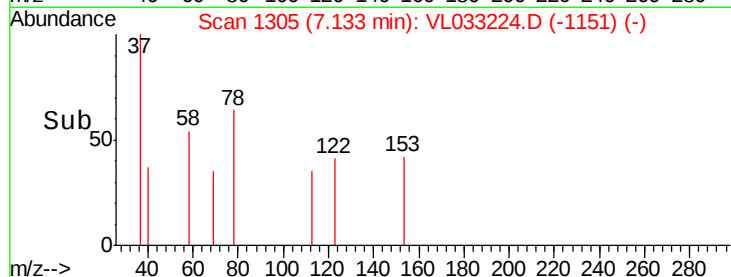
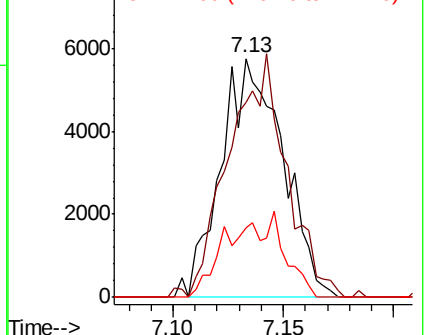
121 29.1 25.1 37.7



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: 0.257 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

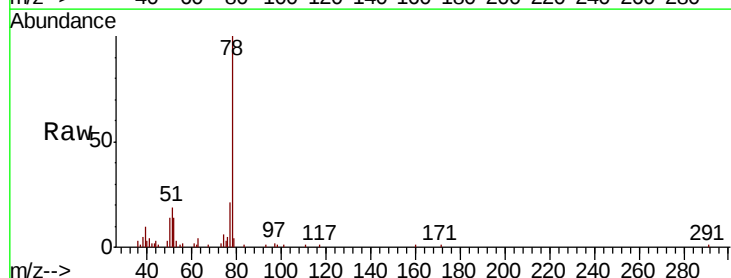
Tgt Ion: 78 Resp: 48612

Ion Ratio Lower Upper

78 100

77 20.4 18.0 27.0

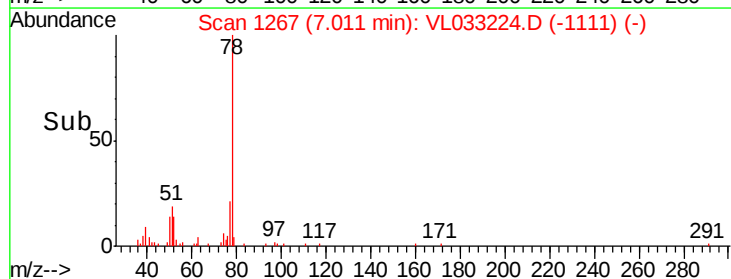
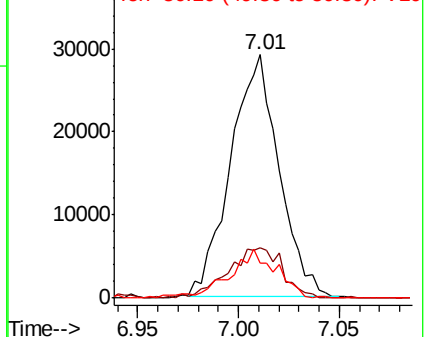
50 13.8 14.2 21.2#

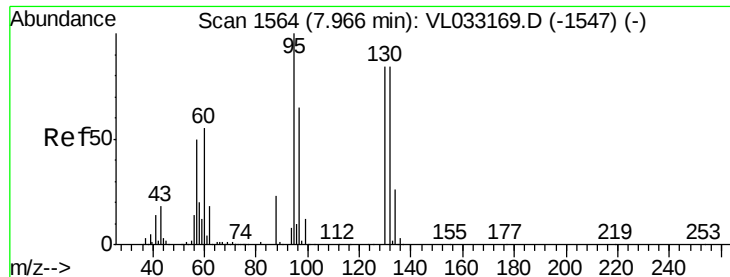


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#38

Trichloroethene

Concen: 1.014 ppbv m

RT: 7.97 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tot Ion:130 Resp: 81994

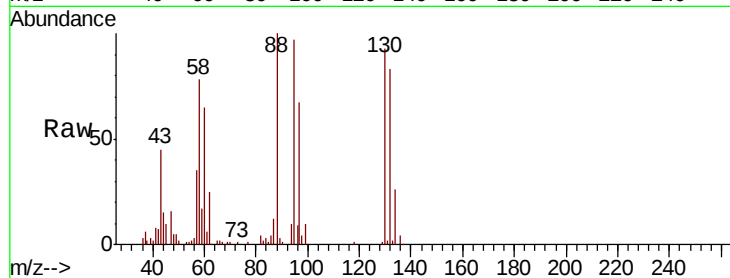
Ion Ratio Lower Upper

130 100

95 104.3 95.5 143.3

132 89.2 80.0 120.0

97 72.0 62.2 93.2

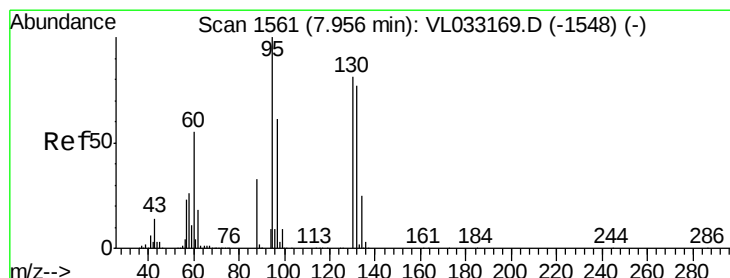
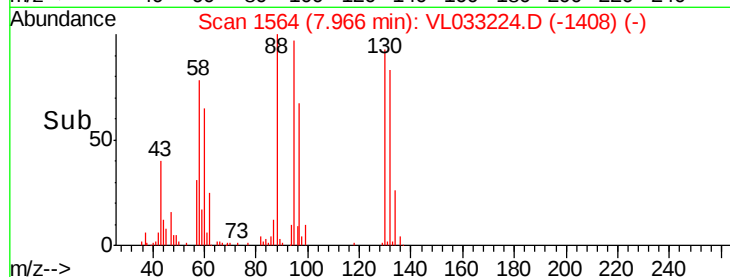
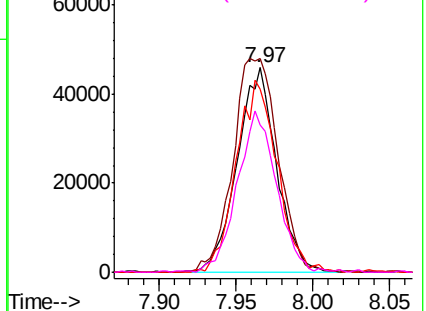


Abundance Ion 130.00 (129.70 to 130.70): V

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: 4.703 ppbv m

RT: 7.97 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tgt Ion: 88 Resp: 124768

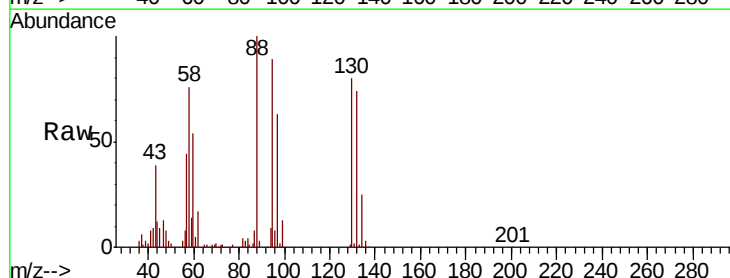
Ion Ratio Lower Upper

88 100

58 86.5 106.4 159.6#

43 55.8 219.6 329.4#

57 0.0 993.3 1489.9#

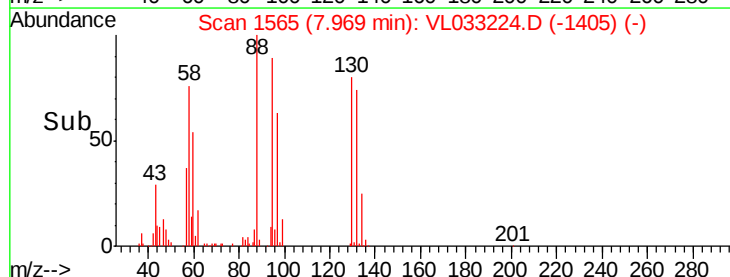
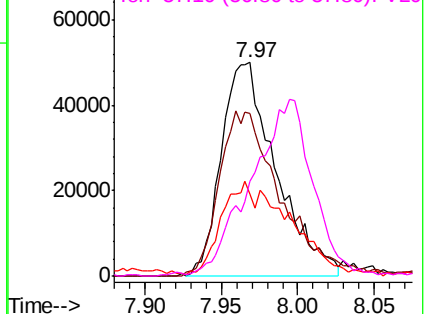


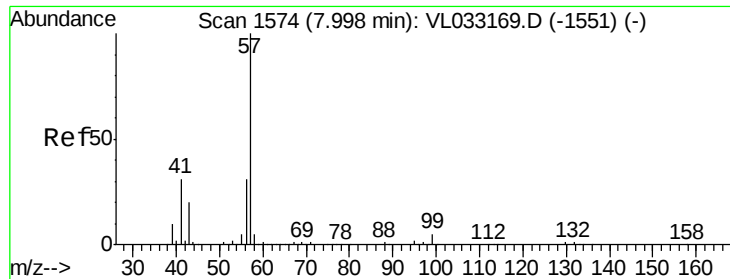
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

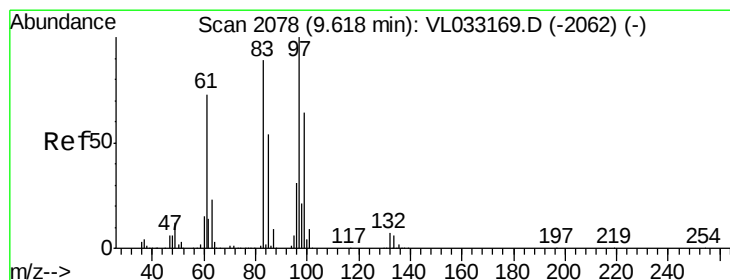
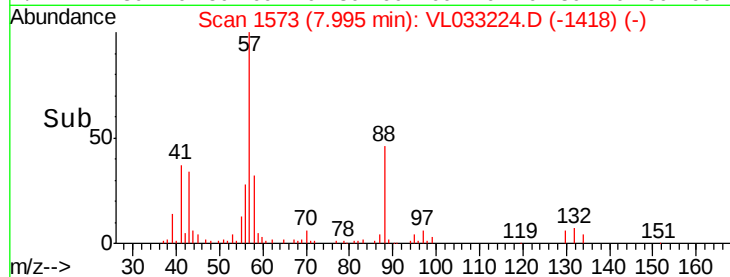
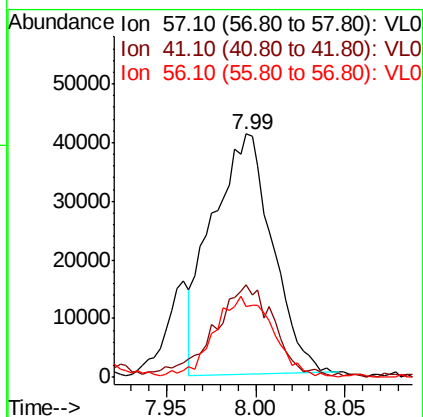
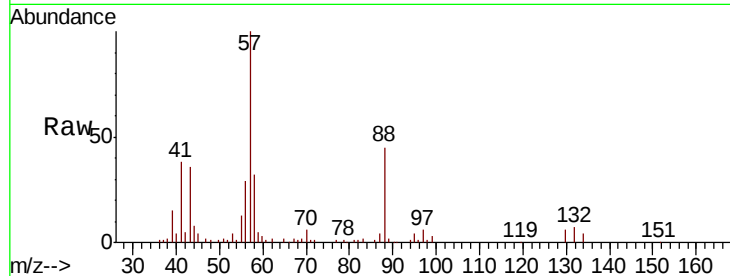
Ion 57.10 (56.80 to 57.80): VL0





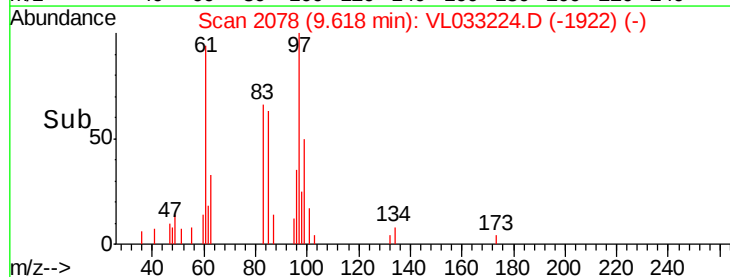
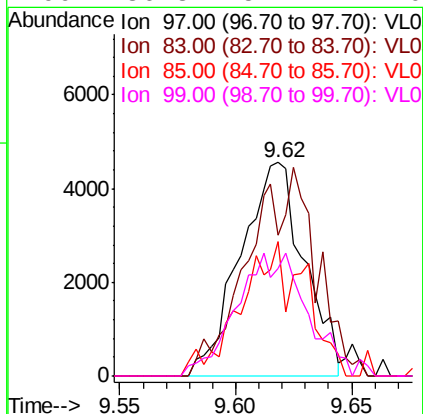
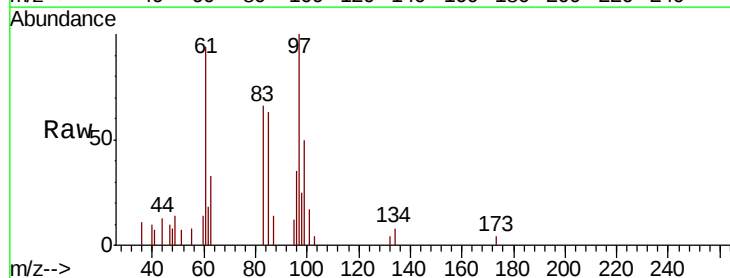
#44
 2,2,4-Trimethylpentane
 Concen: 0.299 ppbv
 RT: 7.99 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

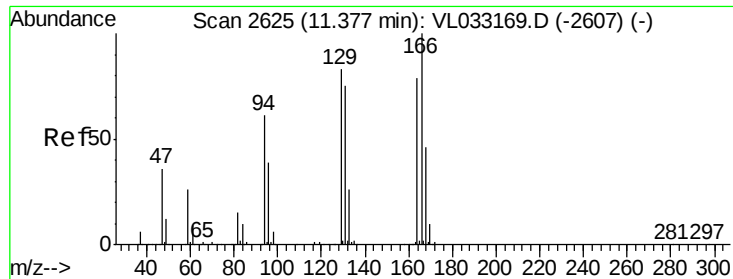
Tot Ion	57	Resp	95874
Ion Ratio	100	Lower	Upper
41	39.0	25.2	37.8#
56	33.3	24.5	36.7



#47
 1,1,2-Trichloroethane
 Concen: 0.113 ppbv
 RT: 9.62 min Scan# 2078
 Delta R.T. 0.00 min
 Lab File: VL033224.D
 Acq: 15 Feb 2019 9:48

Tgt Ion	97	Resp	8724
Ion Ratio	100	Lower	Upper
83	52.6	71.4	107.2#
85	45.0	43.5	65.3
99	36.3	51.4	77.0#





#52

Tetrachloroethene

Concen: 0.885 ppbv m

RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tot Ion:164 Resp: 64348

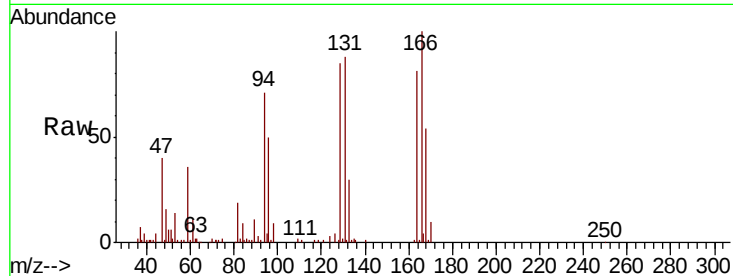
Ion Ratio Lower Upper

164 100

166 123.3 100.9 151.3

129 104.3 83.9 125.9

131 108.5 76.2 114.2



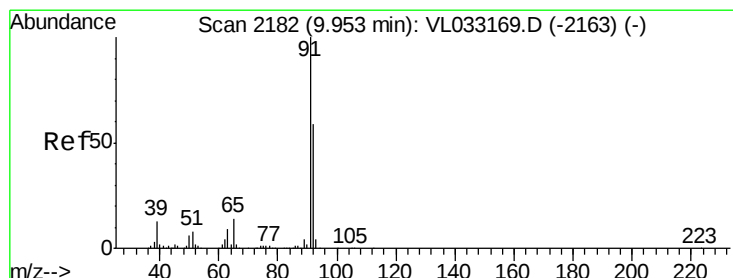
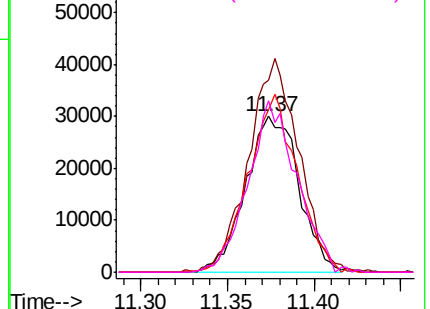
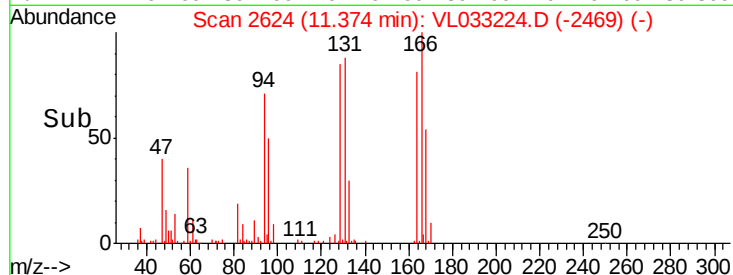
Abundance

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: 0.851 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL033224.D

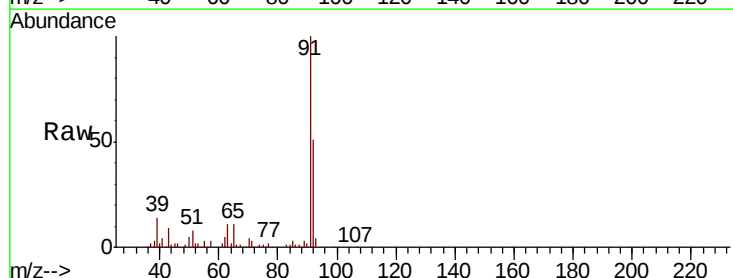
Acq: 15 Feb 2019 9:48

Tgt Ion: 91 Resp: 190579

Ion Ratio Lower Upper

91 100

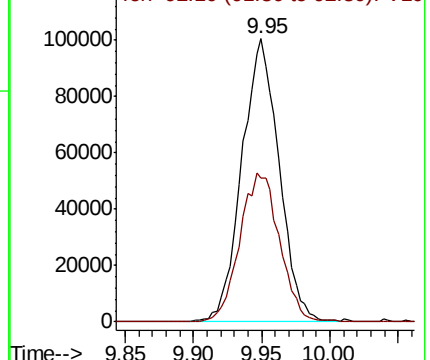
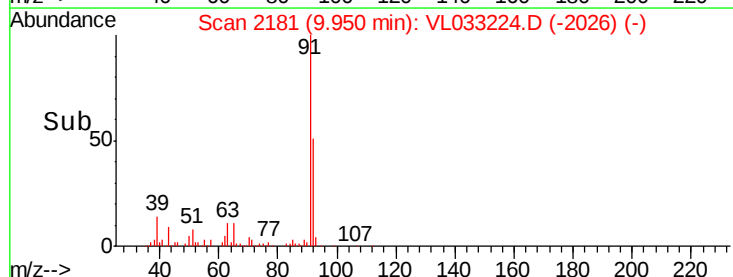
92 56.1 48.0 72.0

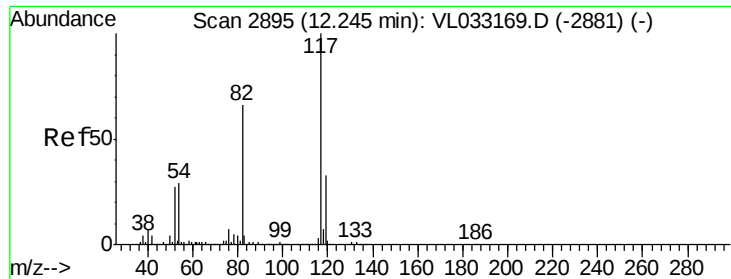


Abundance

Ion 91.10 (90.80 to 91.80): VL0

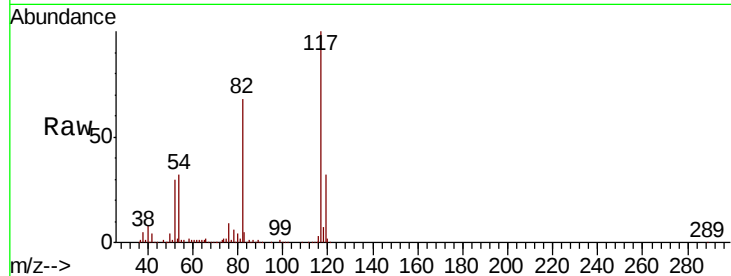
Ion 92.10 (91.80 to 92.80): VL0



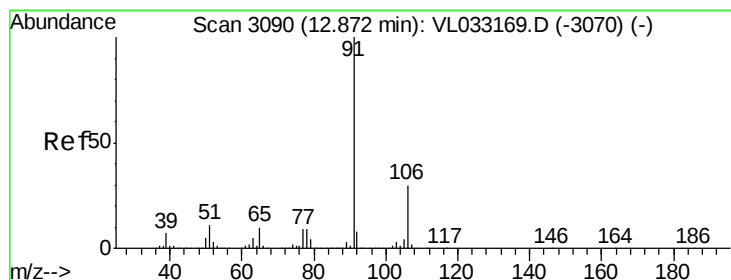
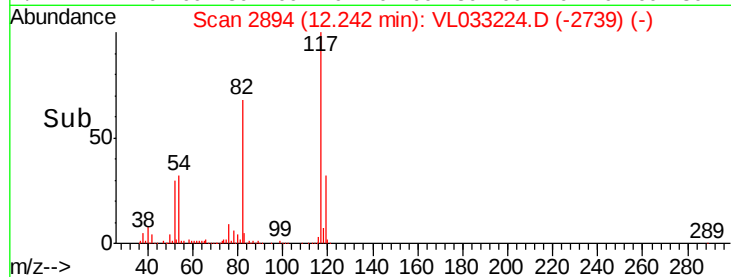
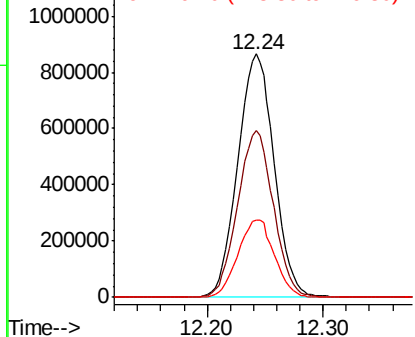


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

Tot Ion:117 Resp: 1882036
Ion Ratio Lower Upper
117 100
82 67.7 53.8 80.8
119 32.1 46.9 70.3#

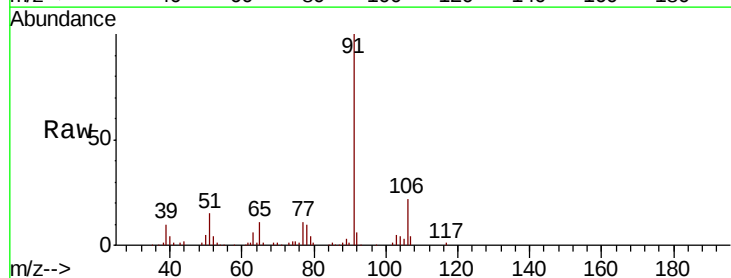


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

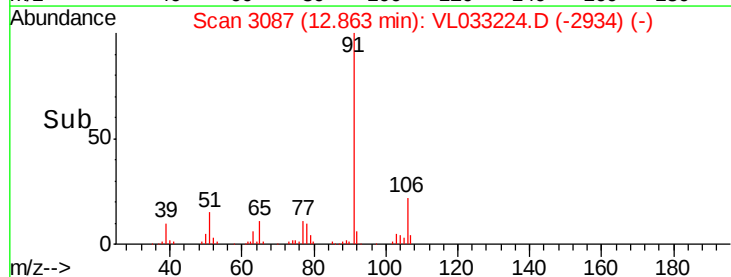
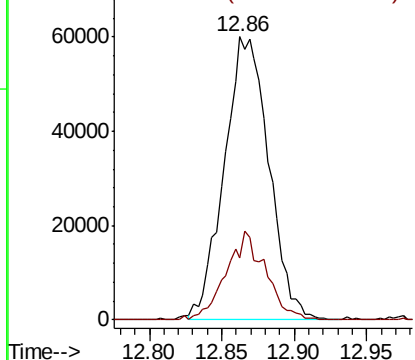


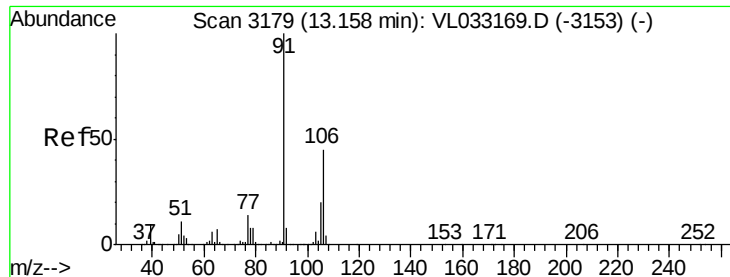
#58
Ethyl Benzene
Concen: 0.416 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

Tgt Ion: 91 Resp: 128405
Ion Ratio Lower Upper
91 100
106 21.9 23.8 35.8#



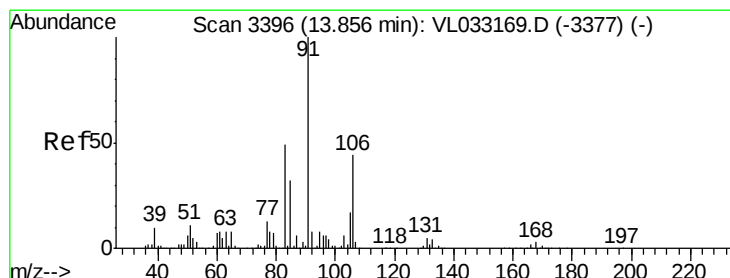
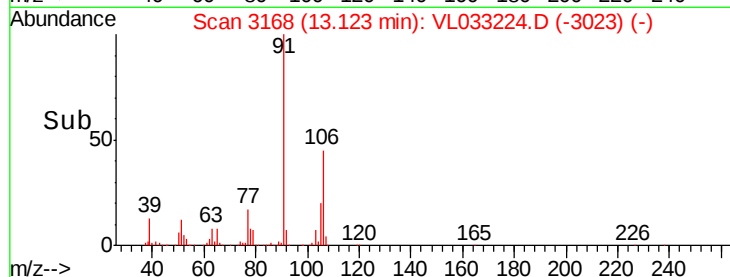
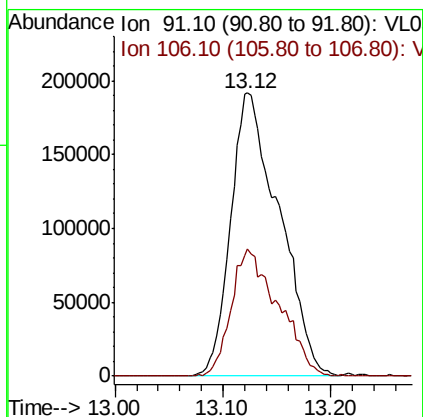
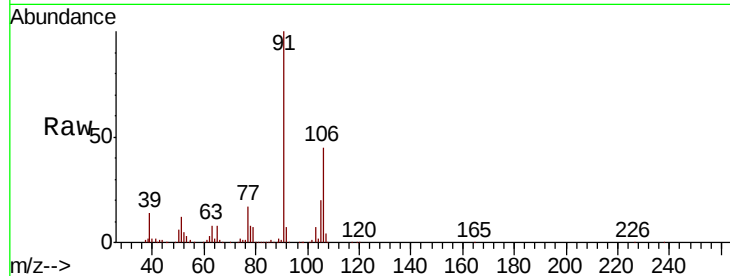
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





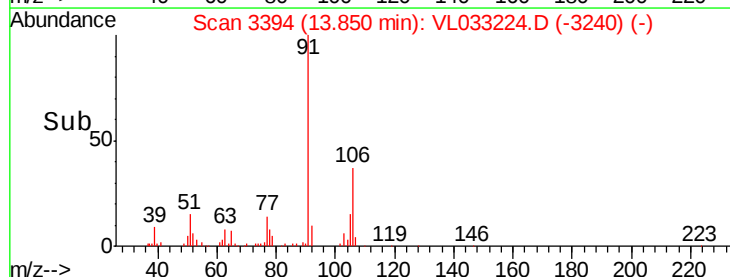
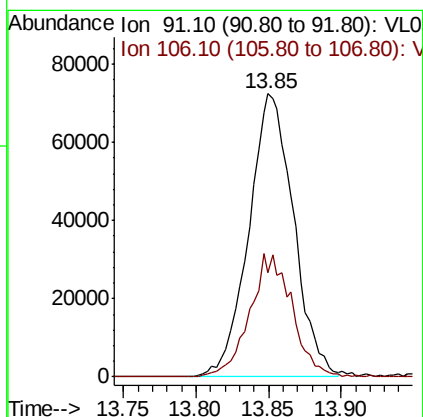
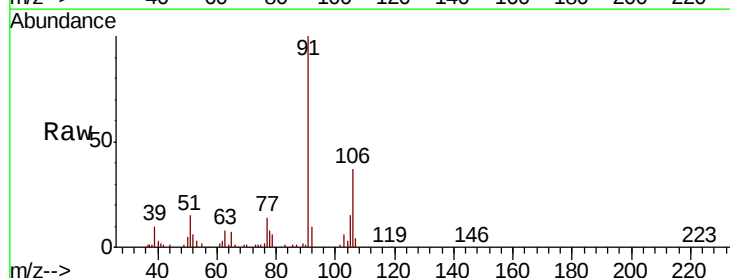
#59
m/p-Xylene
Concen: 2.328 ppbv
RT: 13.12 min Scan# 3168
Delta R.T. -0.04 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

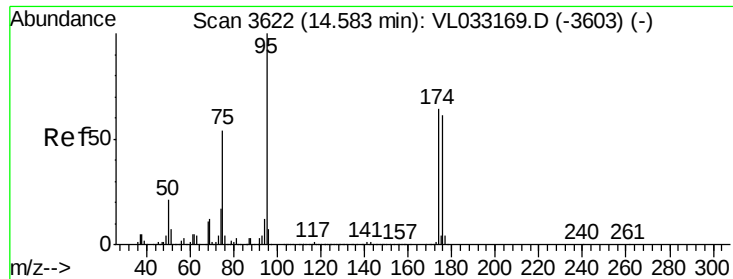
Tot Ion: 91 Resp: 598307
Ion Ratio Lower Upper
91 100
106 43.8 36.6 55.0



#60
o-Xylene
Concen: 0.620 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033224.D
Acq: 15 Feb 2019 9:48

Tgt Ion: 91 Resp: 155444
Ion Ratio Lower Upper
91 100
106 41.0 21.8 65.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.397 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.00 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

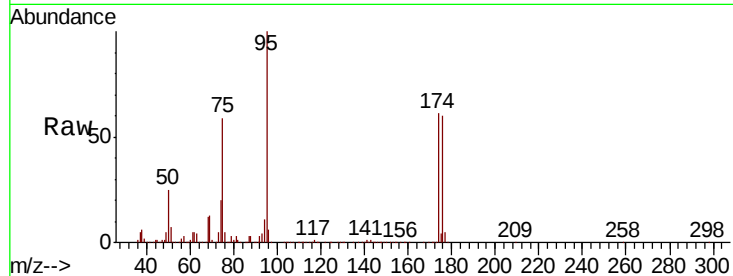
Tot Ion: 95 Resp: 1524878

Ion Ratio Lower Upper

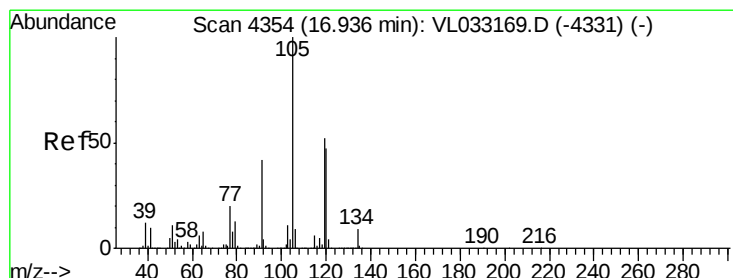
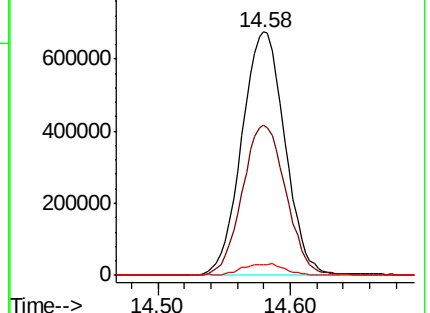
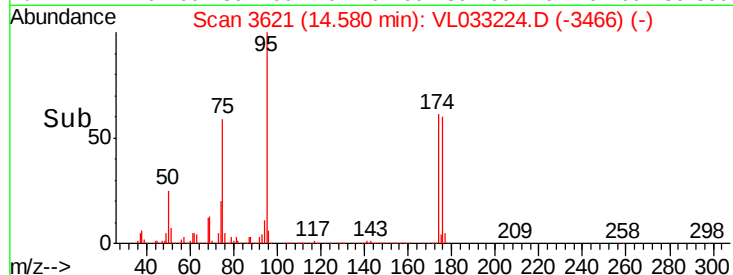
95 100

174 63.0 51.1 76.7

175 4.7 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: 0.334 ppbv

RT: 16.93 min Scan# 4352

Delta R.T. -0.01 min

Lab File: VL033224.D

Acq: 15 Feb 2019 9:48

Tgt Ion: 105 Resp: 95857

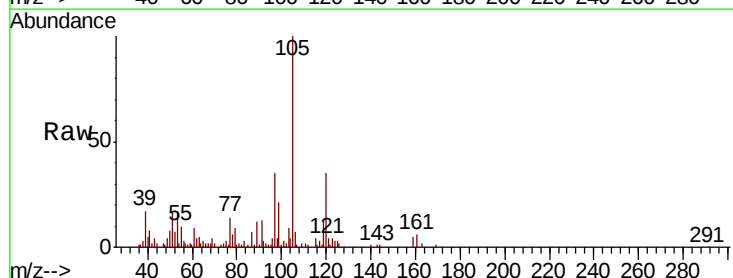
Ion Ratio Lower Upper

105 100

120 34.6 37.9 56.9#

91 12.0 34.0 51.0#

77 12.8 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

