

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021419\
 Data File : VL033205.D
 Acq On : 14 Feb 2019 19:38
 Operator : SY/AP
 Sample : K1483-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 21 00:43:48 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	983539	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2129987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2187730	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1734775	10.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.80%

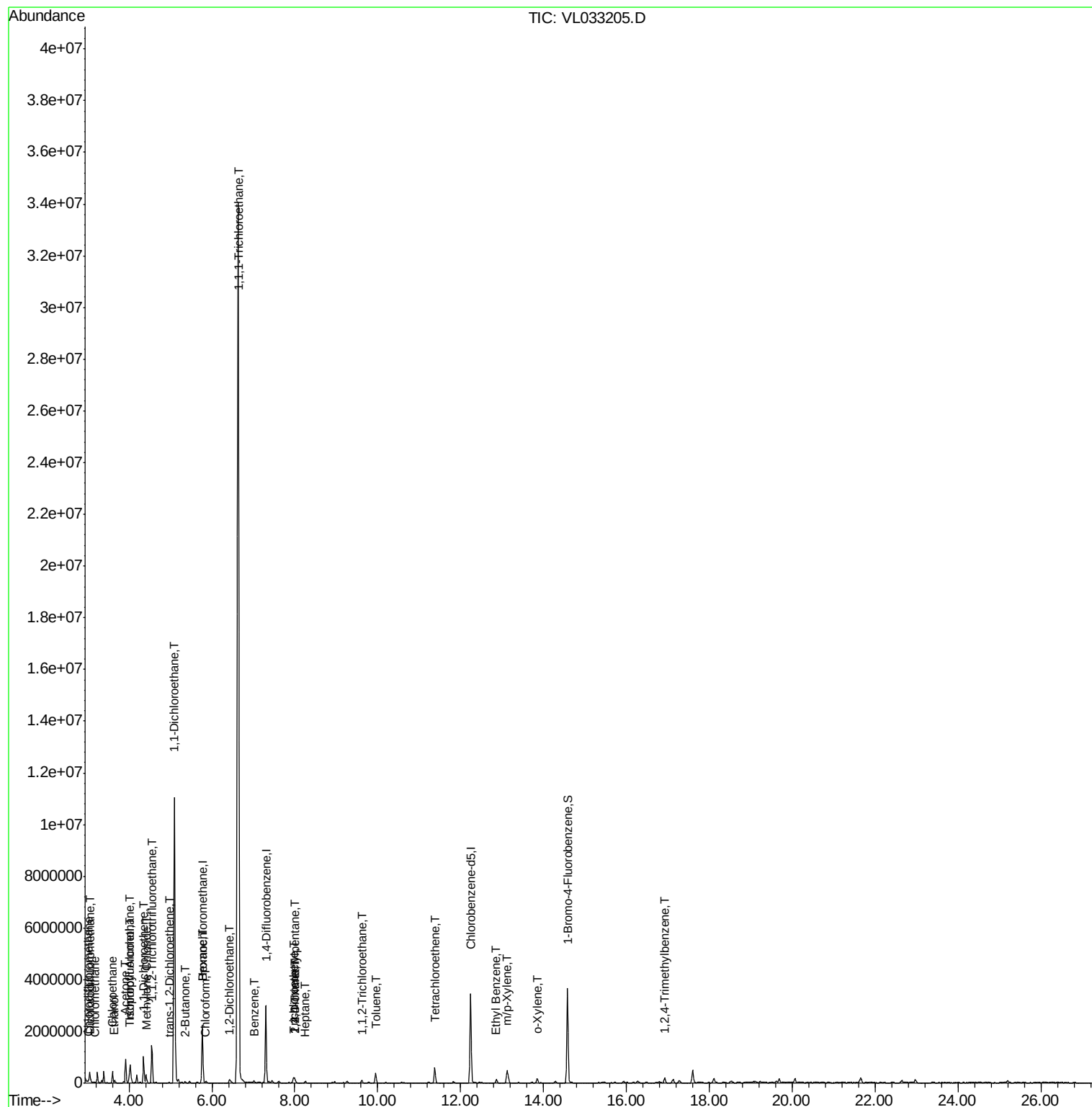
Target Compounds

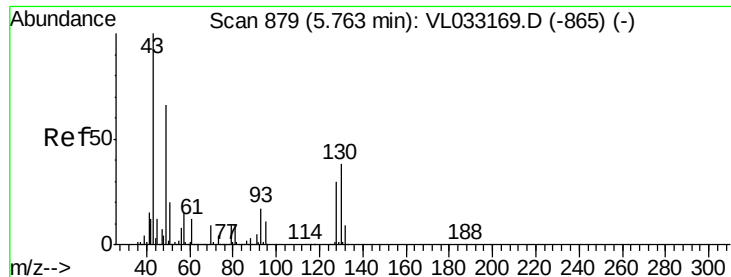
						Ovalue
2) Dichlorodifluoromethane	3.08	85	66014	0.351	ppbv	97
3) Chlorodifluoromethane	3.01	51	39199m	0.331	ppbv	
4) Chloromethane	3.17	50	20874	0.334	ppbv #	79
7) Chloroethane	3.60	64	279726	13.104	ppbv	99
10) Heptane	8.25	43	25822m	0.149	ppbv	
11) Trichlorofluoromethane	4.00	101	185549	1.219	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	517162	4.902	ppbv	99
13) Ethanol	3.65	45	107869m	5.548	ppbv	
15) Acetone	3.91	43	841556	7.595	ppbv	92
18) 1,1-Dichloroethene	4.35	96	303134	6.419	ppbv	100
19) Isopropyl Alcohol	4.03	45	780342	10.383	ppbv	100
20) Methylene Chloride	4.41	84	105285	2.389	ppbv	93
22) trans-1,2-Dichloroethene	4.97	96	13952m	0.304	ppbv	
24) 1,1-Dichloroethane	5.09	63	10408316	76.623	ppbv	96
26) Hexane	5.78	57	141277	1.208	ppbv #	42
29) Chloroform	5.85	83	38114	0.213	ppbv	90
32) 1,1,1-Trichloroethane	6.63	97	24526430	124.273	ppbv #	83
34) 2-Butanone	5.35	43	59074	0.437	ppbv	99
36) Benzene	7.01	78	55665	0.258	ppbv	99
37) 1,2-Dichloroethane	6.42	62	63910	0.534	ppbv #	82
38) Trichloroethene	7.97	130	53381	0.579	ppbv #	91
40) 1,4-Dioxane	7.99	88	13434m	0.444	ppbv	
44) 2,2,4-Trimethylpentane	7.99	57	131286	0.359	ppbv	90
47) 1,1,2-Trichloroethane	9.62	97	34966	0.395	ppbv	97
52) Tetrachloroethene	11.37	164	143113	1.726	ppbv	95
53) Toluene	9.95	91	262039	1.025	ppbv	98
58) Ethyl Benzene	12.86	91	117389	0.327	ppbv	91
59) m/p-Xylene	13.12	91	515957	1.727	ppbv	98
60) o-Xylene	13.85	91	139870	0.480	ppbv	95
74) 1,2,4-Trimethylbenzene	16.92	105	76308	0.229	ppbv #	81

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

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QLast Update : Wed Feb 20 06:00:52 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

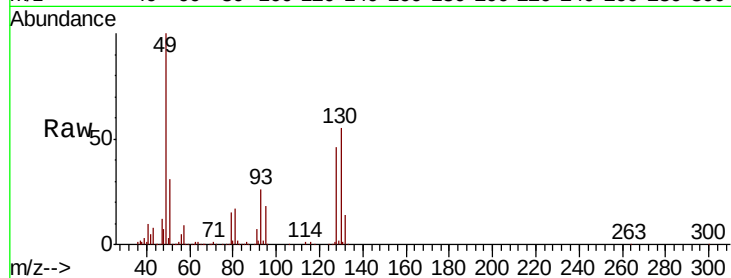
Tot Ion: 49 Resp: 983539

Ion Ratio Lower Upper

49 100

128 45.7 23.6 71.0

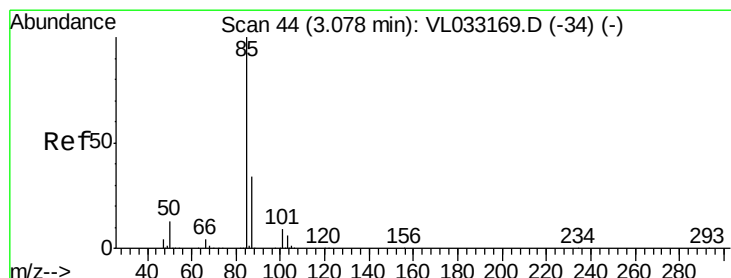
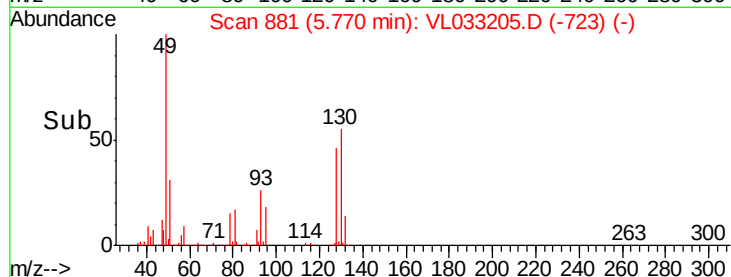
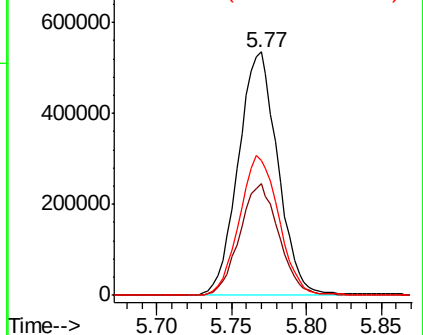
130 57.4 30.3 91.0



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: 0.351 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033205.D

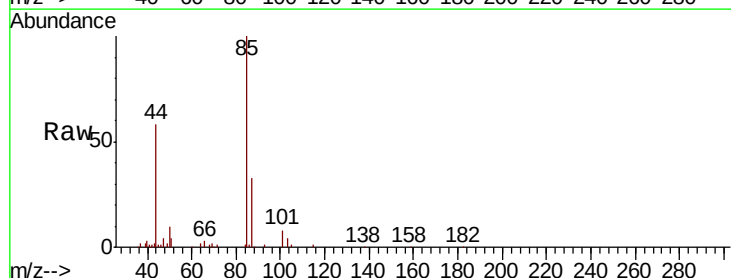
Acq: 14 Feb 2019 19:38

Tgt Ion: 85 Resp: 66014

Ion Ratio Lower Upper

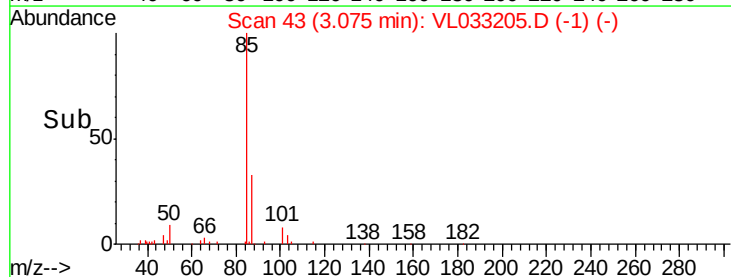
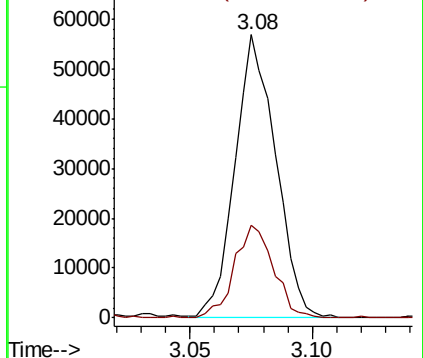
85 100

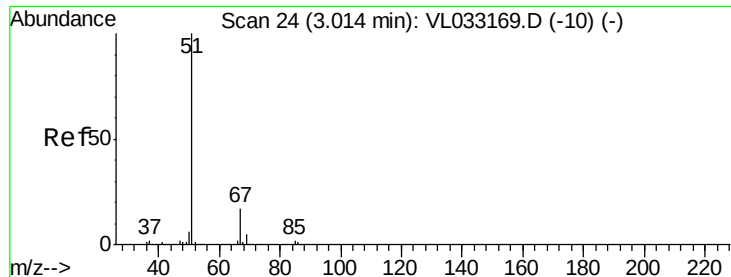
87 32.7 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

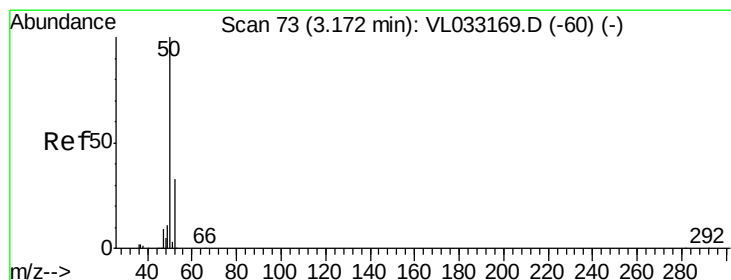
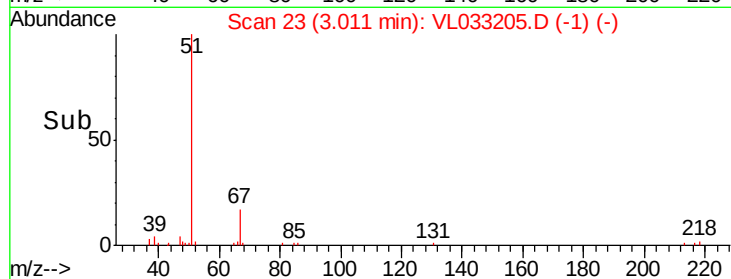
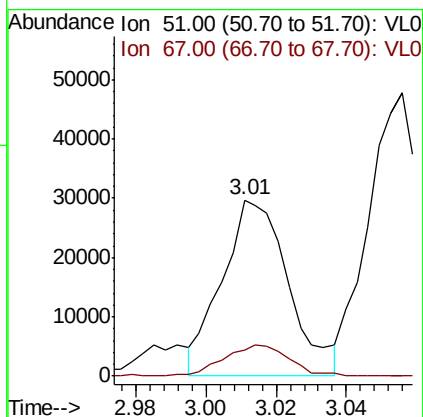
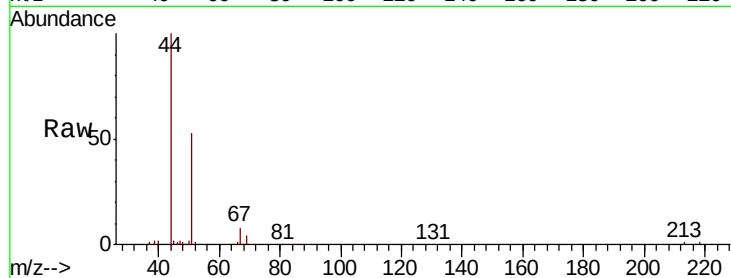




#3

Chlorodifluoromethane
 Concen: 0.331 ppbv
 RT: 3.01 min Scan# 23
 Delta R.T. -0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

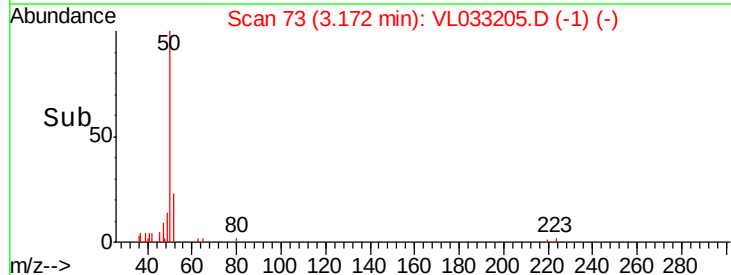
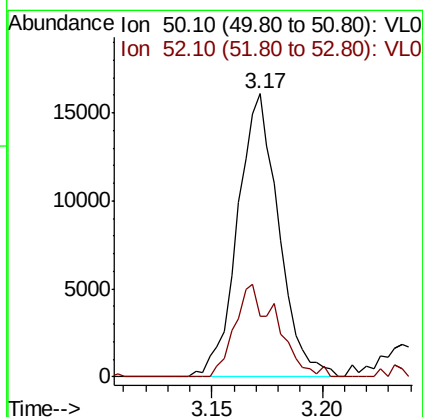
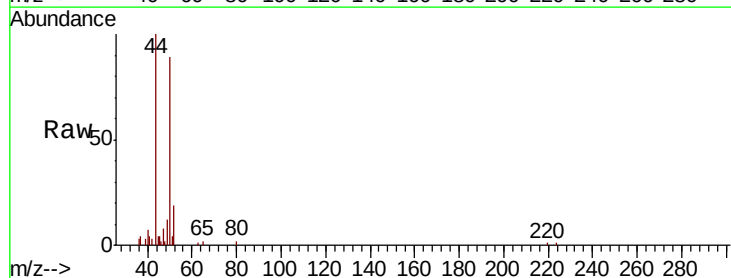
Tot Ion: 51 Resp: 39199
 Ion Ratio Lower Upper
 51 100
 67 17.4 14.0 21.0

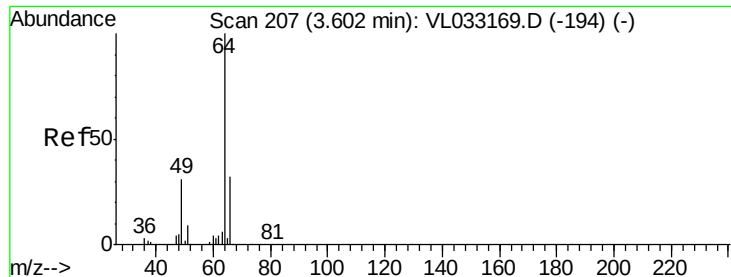


#4

Chloromethane
 Concen: 0.334 ppbv
 RT: 3.17 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tgt Ion: 50 Resp: 20874
 Ion Ratio Lower Upper
 50 100
 52 21.4 26.5 39.7#





#7

Chloroethane

Concen: 13.104 ppbv

RT: 3.60 min Scan# 206

Delta R.T. -0.00 min

Lab File: VL033205.D

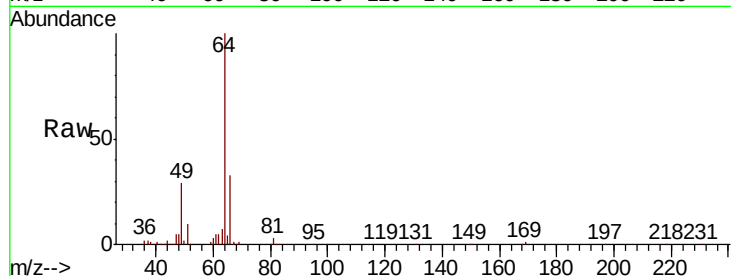
Acq: 14 Feb 2019 19:38

Tot Ion: 64 Resp: 279726

Ion Ratio Lower Upper

64 100

66 33.2 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

200000

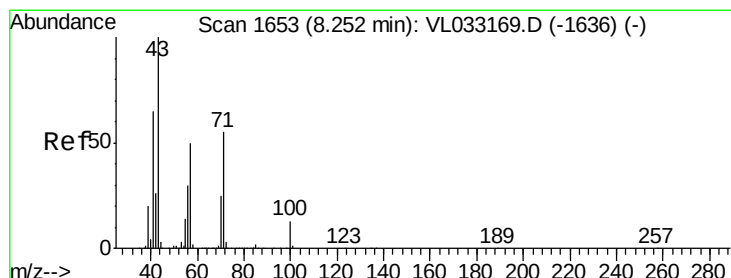
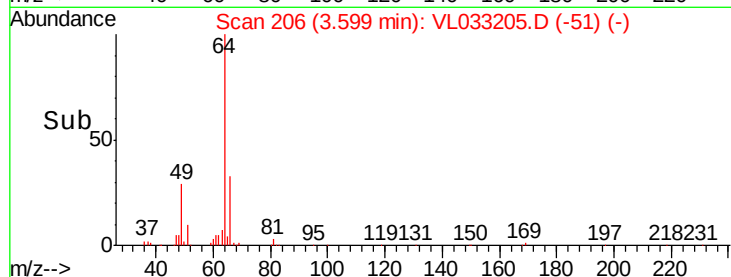
150000

100000

50000

0

Time-->



#10

Heptane

Concen: 0.149 ppbv m

RT: 8.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL033205.D

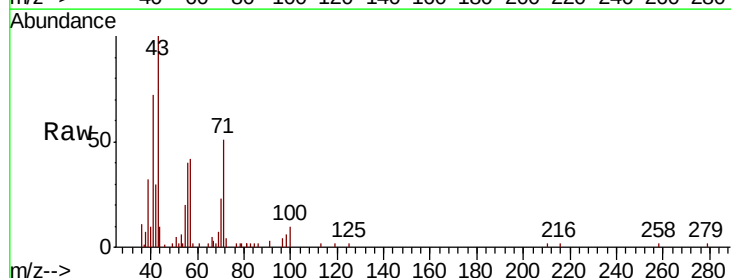
Acq: 14 Feb 2019 19:38

Tgt Ion: 43 Resp: 25822

Ion Ratio Lower Upper

43 100

57 0.0 39.5 59.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.25

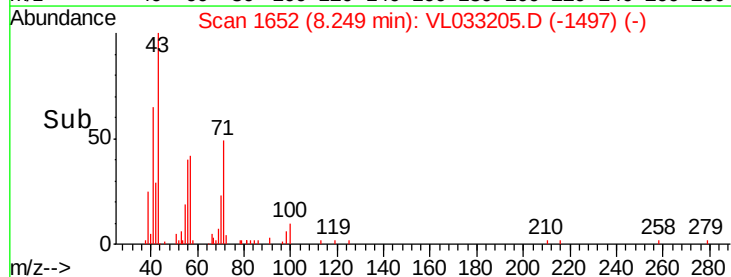
15000

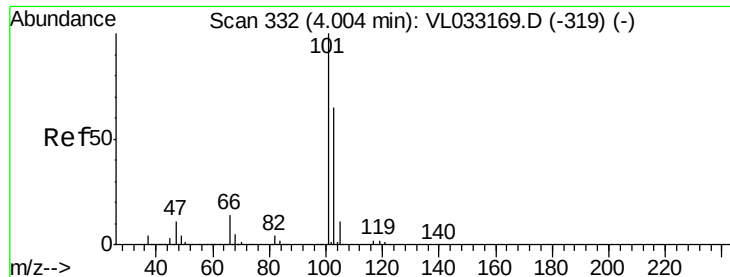
10000

5000

0

Time-->





#11

Trichlorofluoromethane

Concen: 1.219 ppbv

RT: 4.00 min Scan# 332

Delta R.T. 0.00 min

Lab File: VL033205.D

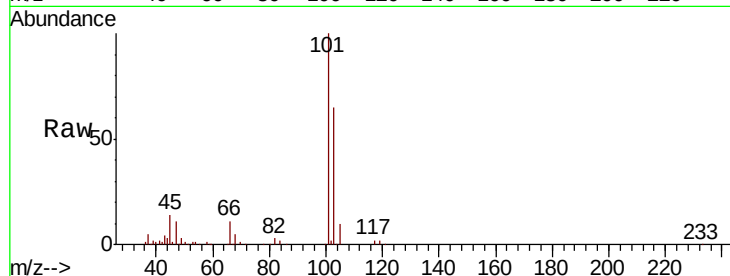
Acq: 14 Feb 2019 19:38

Tot Ion:101 Resp: 185549

Ion Ratio Lower Upper

101 100

103 64.5 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

150000

100000

50000

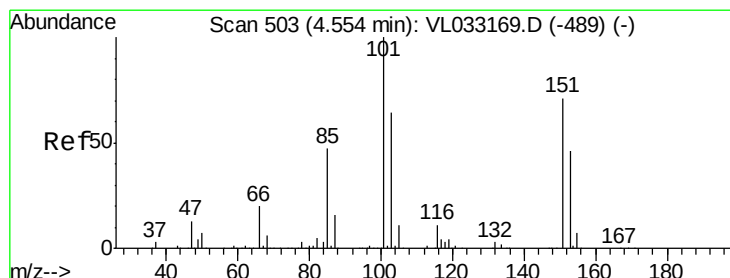
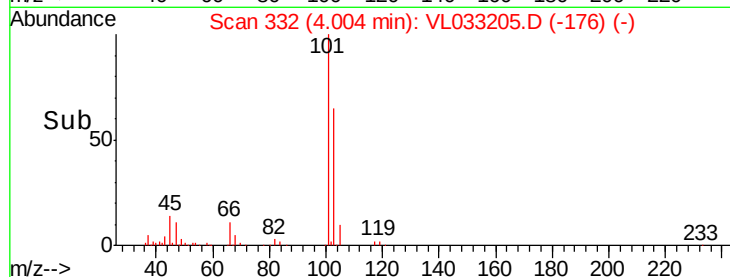
0

Time-->

3.95

4.00

4.05



#12

1,1,2-Trichlorotrifluoroethane

Concen: 4.902 ppbv

RT: 4.55 min Scan# 502

Delta R.T. -0.00 min

Lab File: VL033205.D

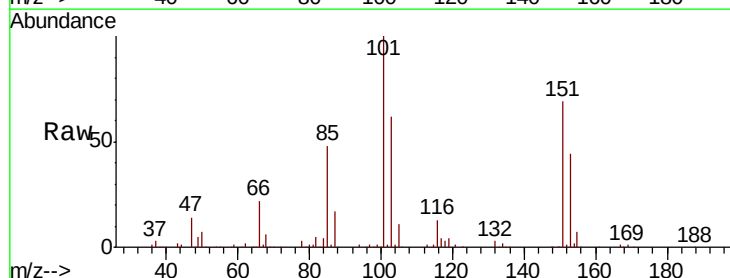
Acq: 14 Feb 2019 19:38

Tgt Ion:101 Resp: 517162

Ion Ratio Lower Upper

101 100

151 70.8 57.4 86.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

300000

200000

100000

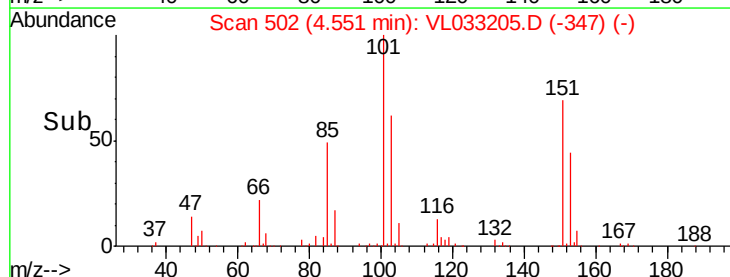
0

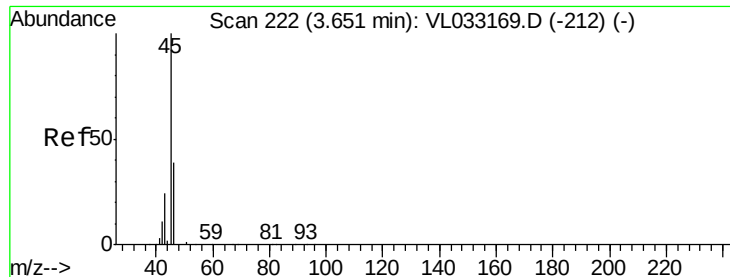
Time-->

4.50

4.55

4.60





#13

Ethanol

Concen: 5.548 ppbv m

RT: 3.65 min Scan# 223

Delta R.T. 0.00 min

Lab File: VL033205.D

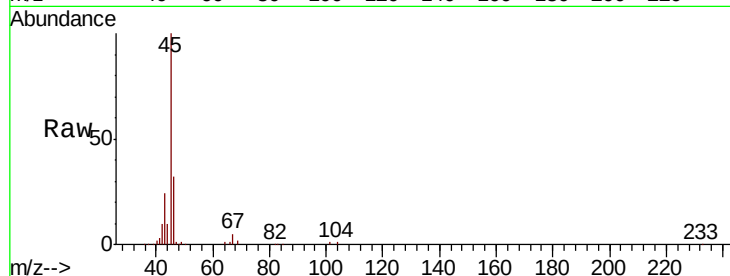
Acq: 14 Feb 2019 19:38

Tot Ion: 45 Resp: 107869

Ion Ratio Lower Upper

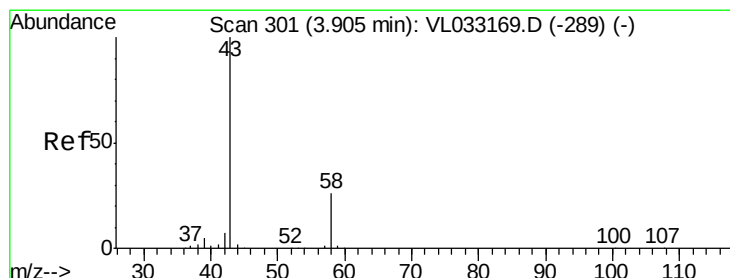
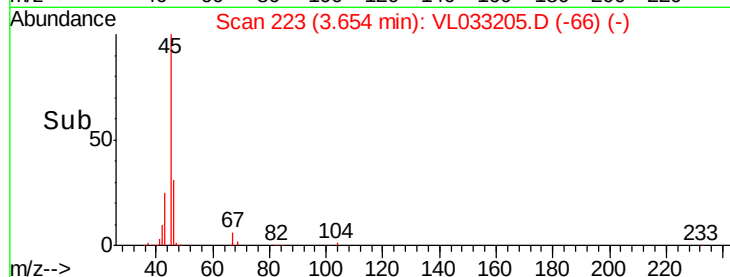
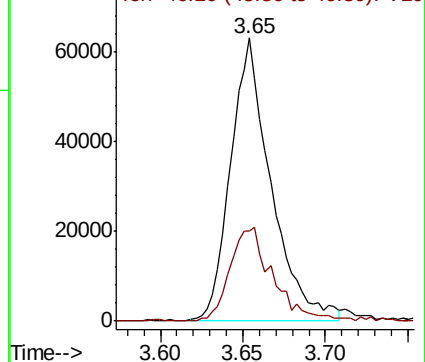
45 100

46 35.9 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: 7.595 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.00 min

Lab File: VL033205.D

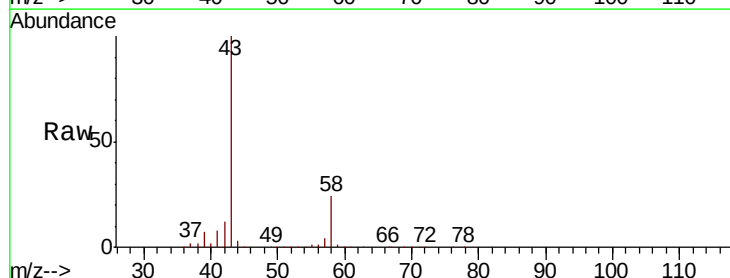
Acq: 14 Feb 2019 19:38

Tgt Ion: 43 Resp: 841556

Ion Ratio Lower Upper

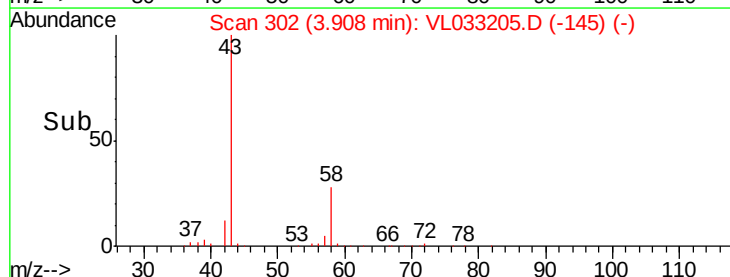
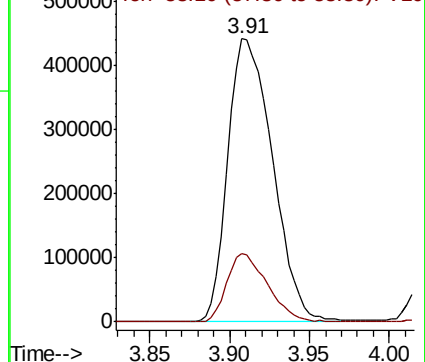
43 100

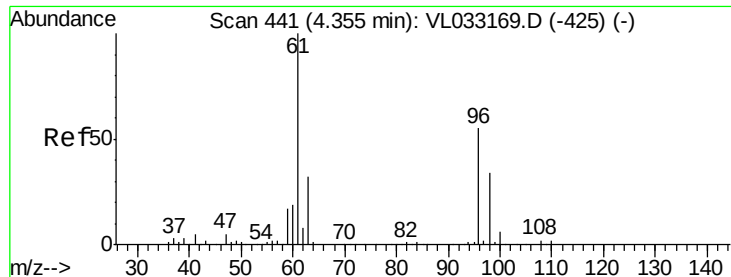
58 22.2 21.1 31.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

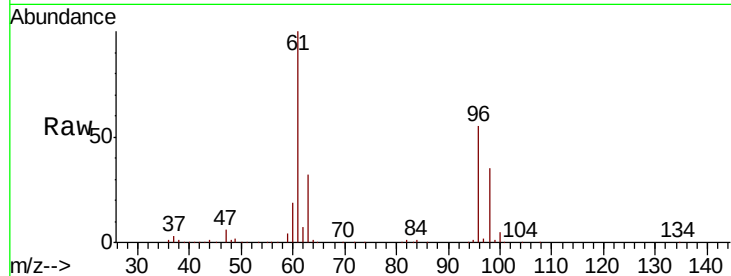
Ion 58.10 (57.80 to 58.80): VL0



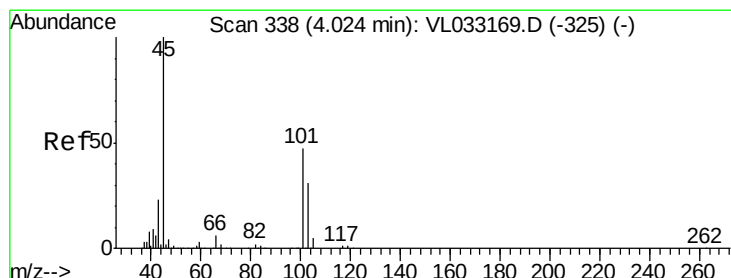
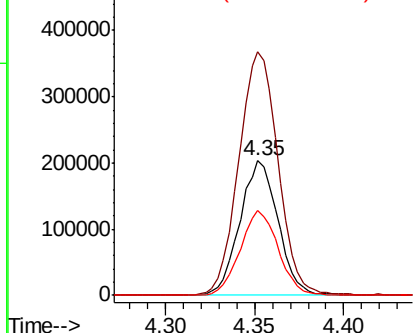
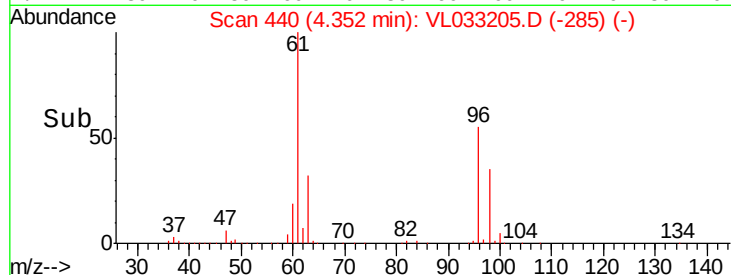


#18
 1,1-Dichloroethene
 Concen: 6.419 ppbv
 RT: 4.35 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tot Ion: 96 Resp: 303134
 Ion Ratio Lower Upper
 96 100
 61 180.8 145.0 217.6
 98 62.8 50.0 75.0

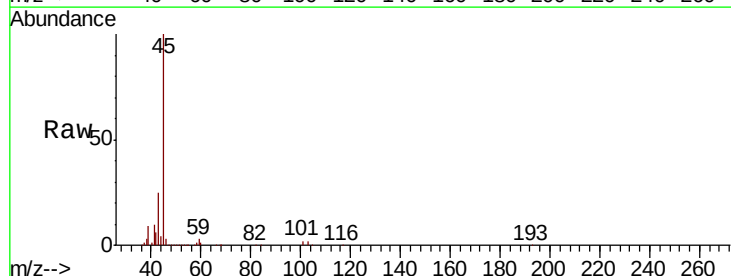


Abundance Ion 96.00 (95.70 to 96.70): VL0
 Ion 61.10 (60.80 to 61.80): VL0
 Ion 98.00 (97.70 to 98.70): VL0

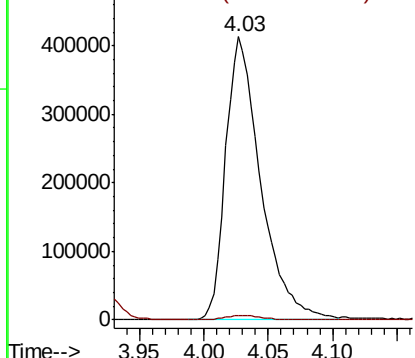
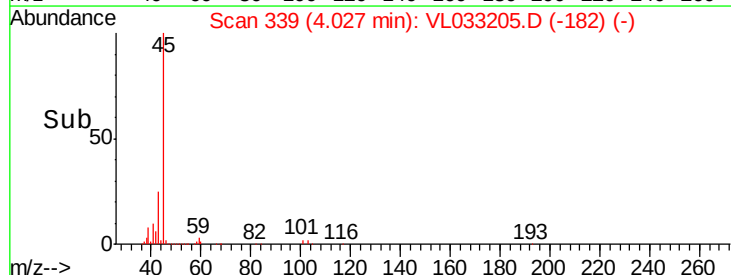


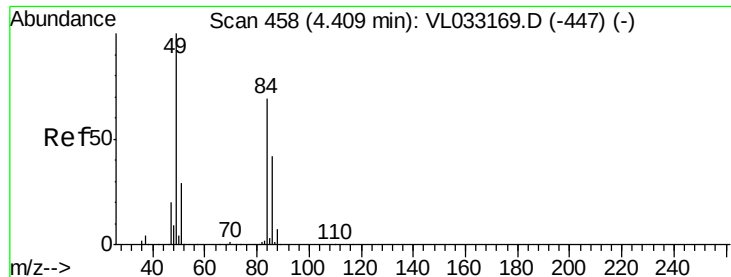
#19
 Isopropyl Alcohol
 Concen: 10.383 ppbv
 RT: 4.03 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tgt Ion: 45 Resp: 780342
 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: 2.389 ppbv

RT: 4.41 min Scan# 458

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tot Ion: 84 Resp: 105285

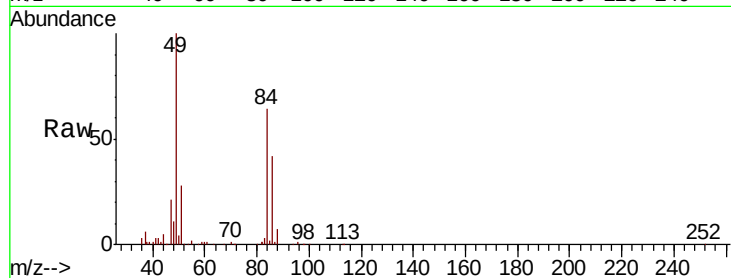
Ion	Ratio	Lower	Upper
84	100		
49	154.5	115.8	173.8
51	43.3	33.0	49.6
86	65.5	48.2	72.2

84 100

49 154.5 115.8 173.8

51 43.3 33.0 49.6

86 65.5 48.2 72.2

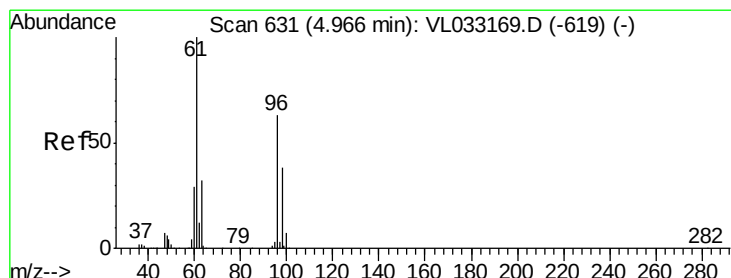
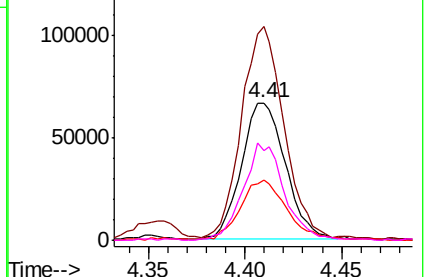
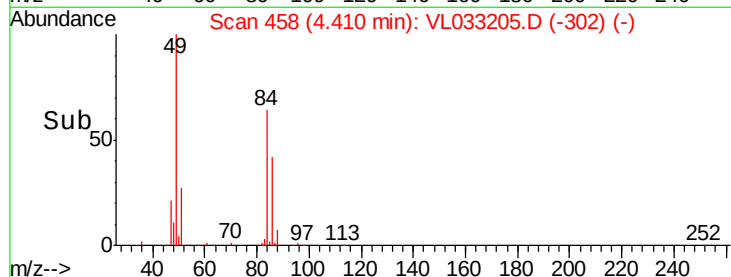


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 0.304 ppbv m

RT: 4.97 min Scan# 632

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

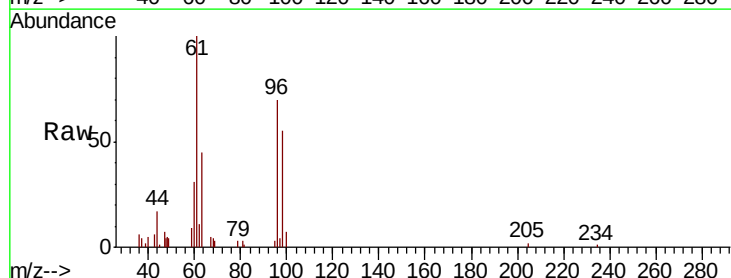
Tgt Ion: 96 Resp: 13952

Ion	Ratio	Lower	Upper
96	100		
61	142.7	126.4	189.6
98	78.1	48.4	72.6

96 100

61 142.7 126.4 189.6

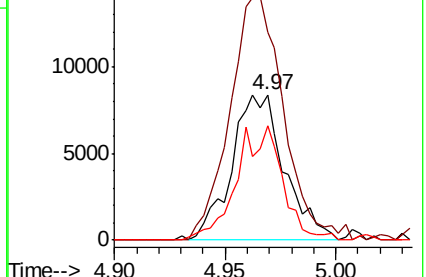
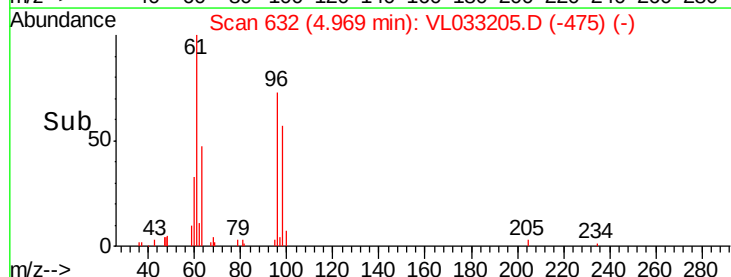
98 78.1 48.4 72.6

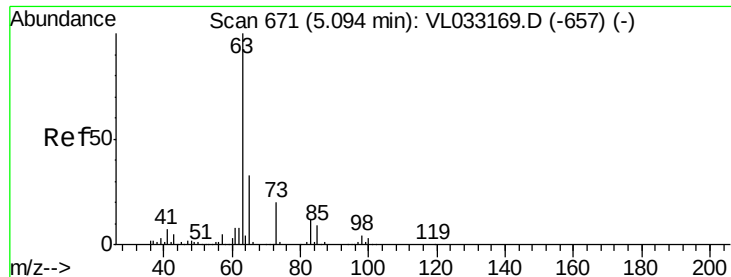


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#24

1,1-Dichloroethane

Concen: 76.623 ppbv

RT: 5.09 min Scan# 671

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

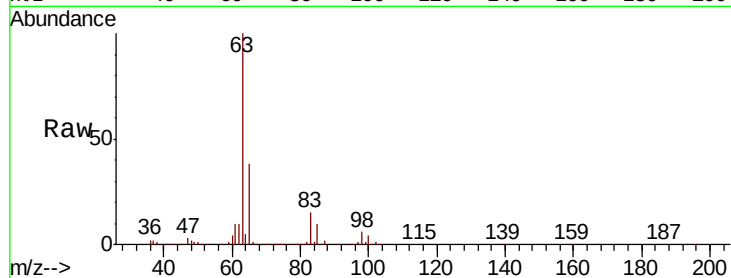
Tot Ion: 63 Resp:10408316

Ion Ratio Lower Upper

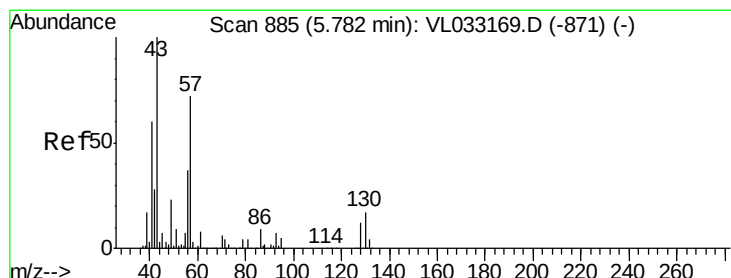
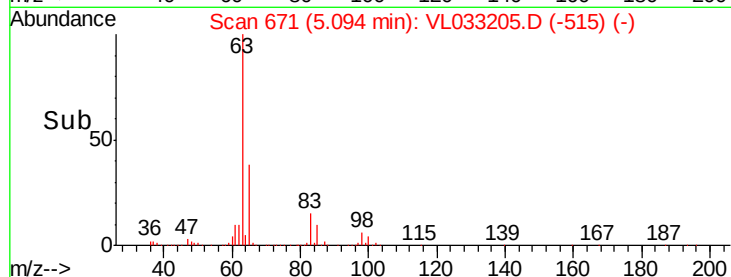
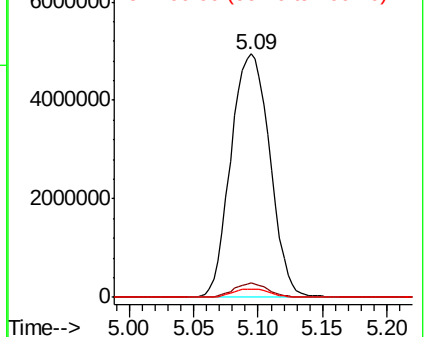
63 100

98 5.9 2.1 6.5

100 3.6 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: 1.208 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 57 Resp: 141277

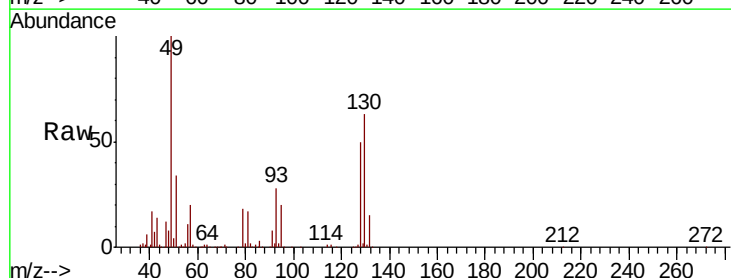
Ion Ratio Lower Upper

57 100

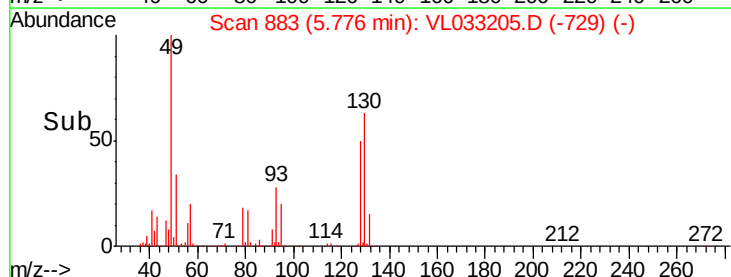
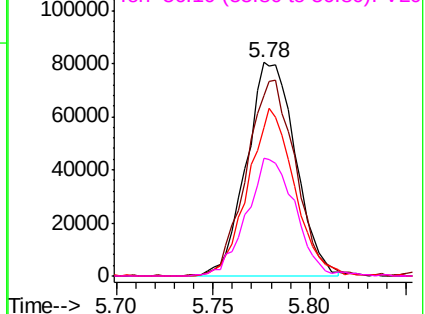
41 92.5 69.4 104.2

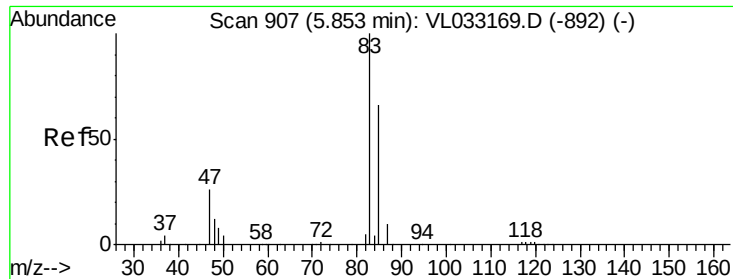
43 75.0 176.7 265.1#

56 54.8 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: 0.213 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.00 min

Lab File: VL033205.D

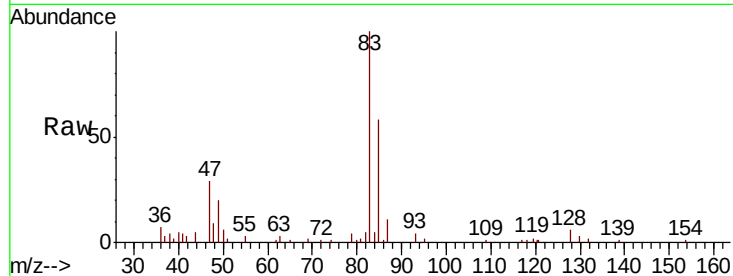
Acq: 14 Feb 2019 19:38

Tot Ion: 83 Resp: 38114

Ion Ratio Lower Upper

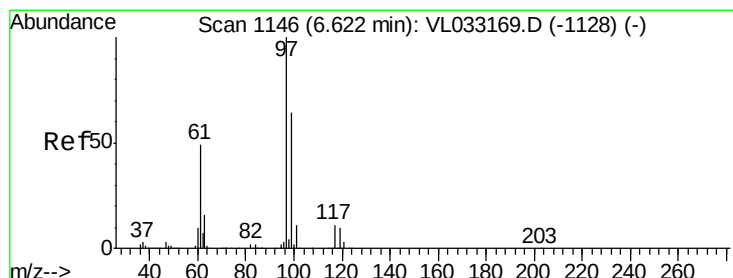
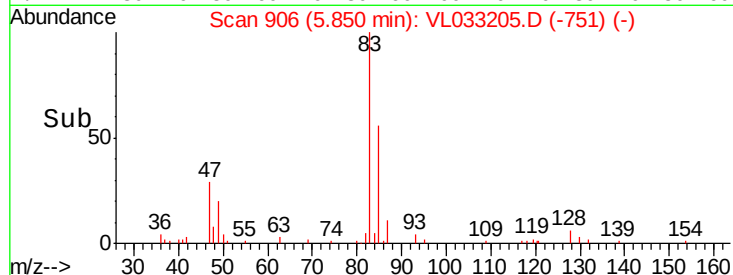
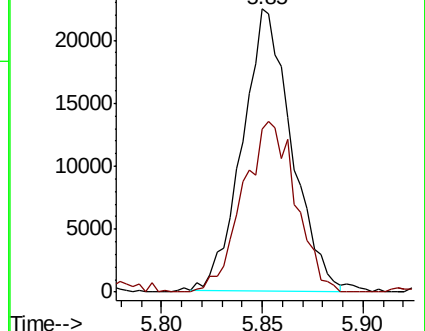
83 100

85 58.0 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#32

1,1,1-Trichloroethane

Concen: 124.273 ppbv

RT: 6.63 min Scan# 1150

Delta R.T. 0.01 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

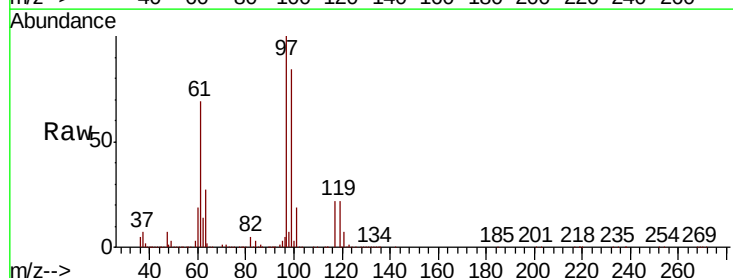
Tgt Ion: 97 Resp: 24526430

Ion Ratio Lower Upper

97 100

99 76.9 51.4 77.2

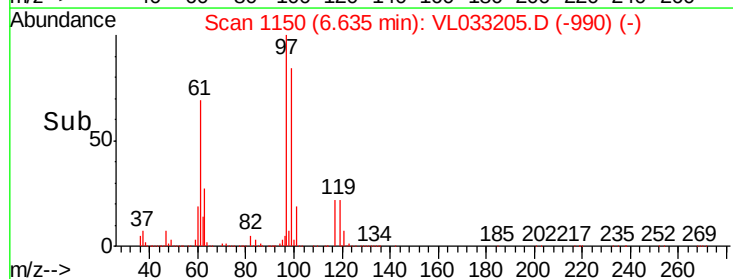
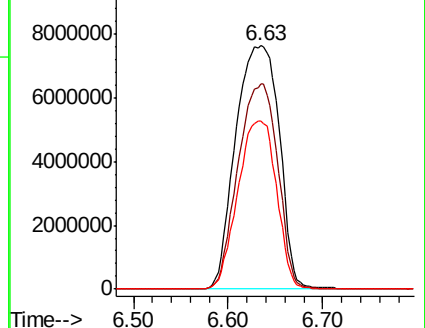
61 61.4 38.8 58.2#

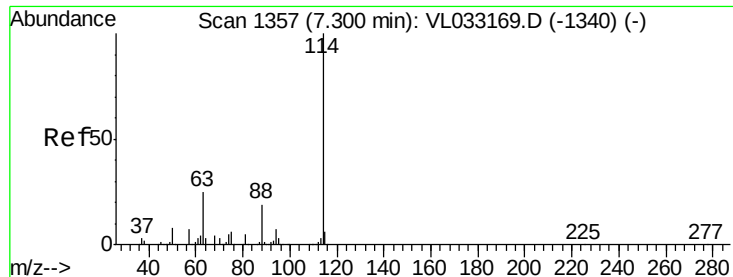


Abundance Ion 97.00 (96.70 to 97.70): VL0

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# 1357

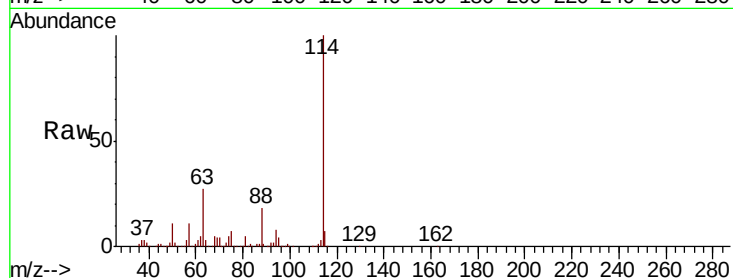
Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tot Ion:114 Resp: 2129987

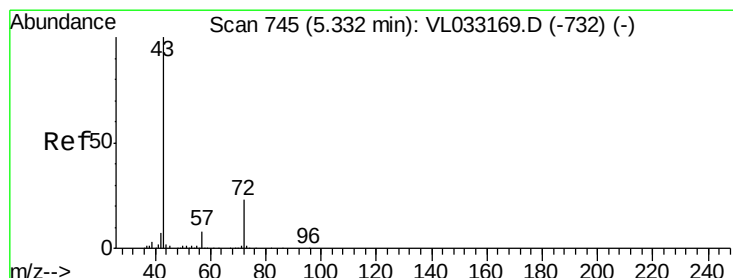
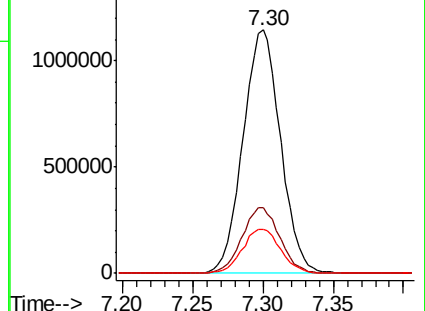
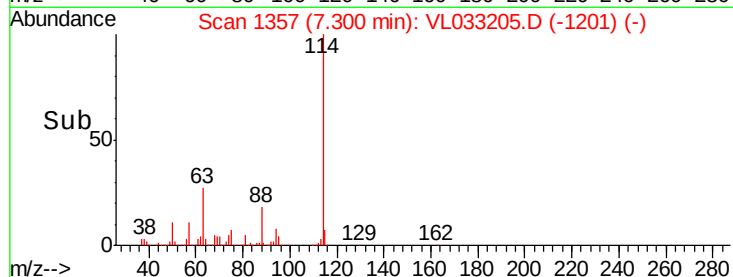
Ion	Ratio	Lower	Upper
114	100		
63	27.2	20.8	31.2
88	18.6	14.6	22.0



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: 0.437 ppbv

RT: 5.35 min Scan# 750

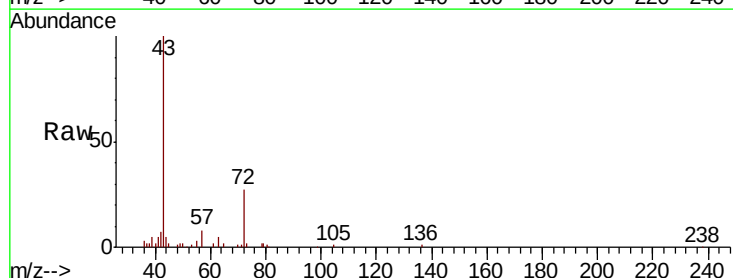
Delta R.T. 0.02 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

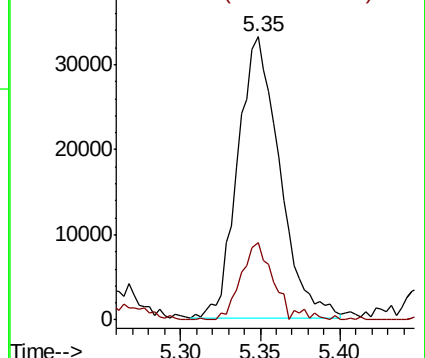
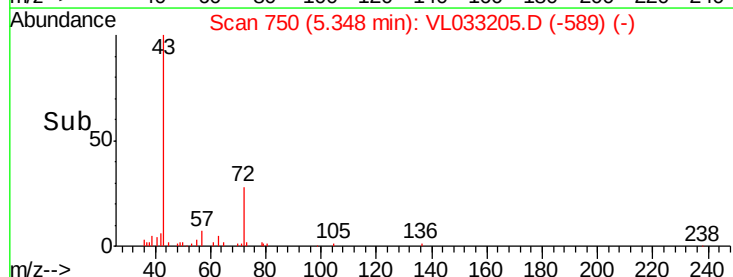
Tgt Ion: 43 Resp: 59074

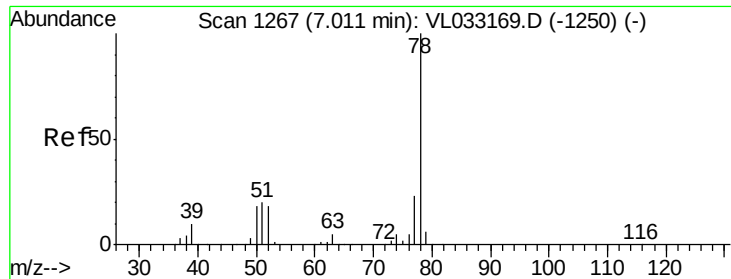
Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.8	26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

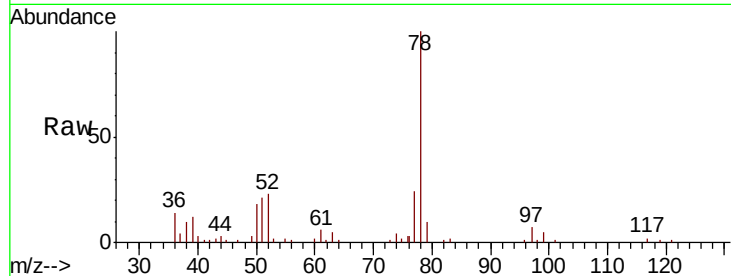
Ion 72.10 (71.80 to 72.80): VL0



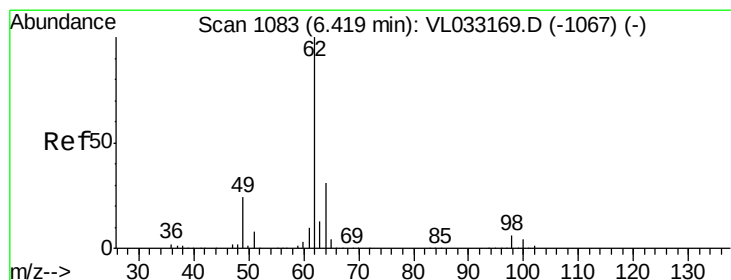
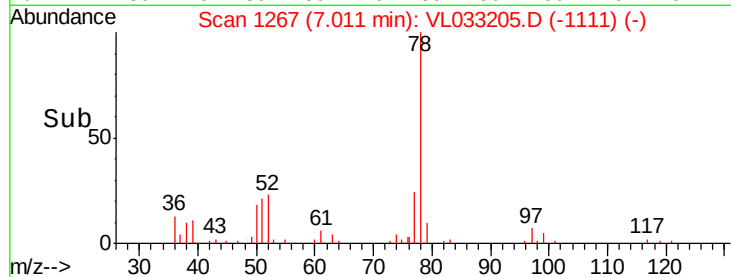
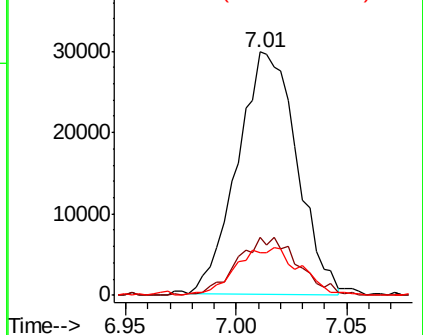


#36
Benzene
Concen: 0.258 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tot Ion: 78 Resp: 55665
Ion Ratio Lower Upper
78 100
77 23.2 18.0 27.0
50 17.1 14.2 21.2

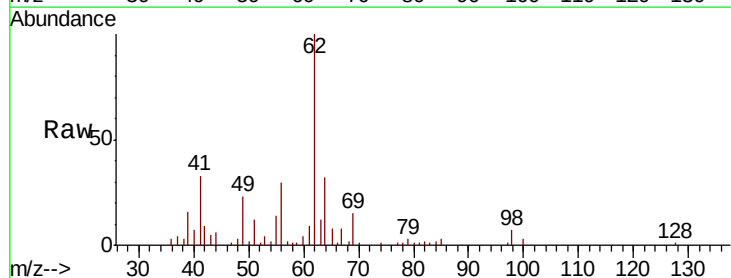


Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0

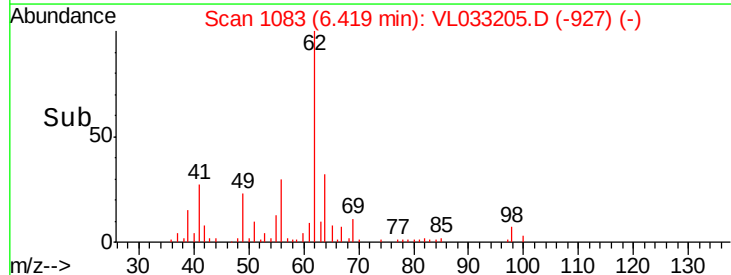
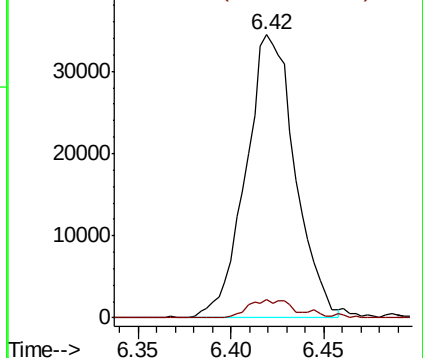


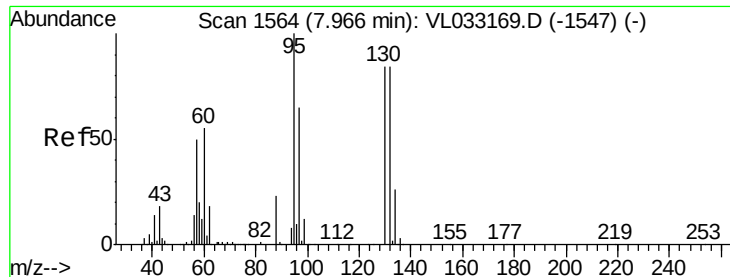
#37
1,2-Dichloroethane
Concen: 0.534 ppbv
RT: 6.42 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

Tgt Ion: 62 Resp: 63910
Ion Ratio Lower Upper
62 100
98 0.0 4.7 7.1#



Abundance Ion 62.10 (61.80 to 62.80): VL0
Ion 98.00 (97.70 to 98.70): VL0





#38

Trichloroethene

Concen: 0.579 ppbv

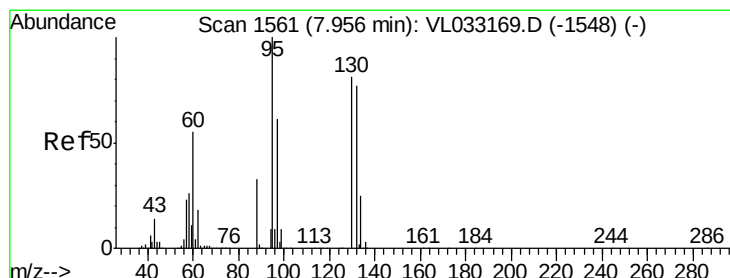
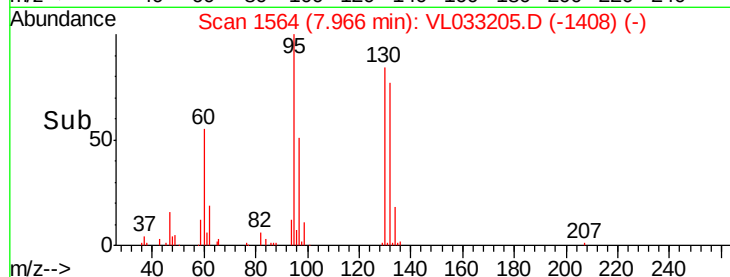
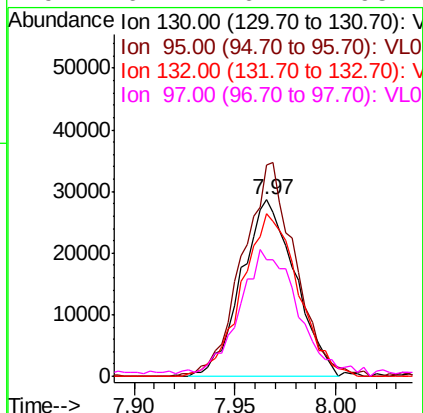
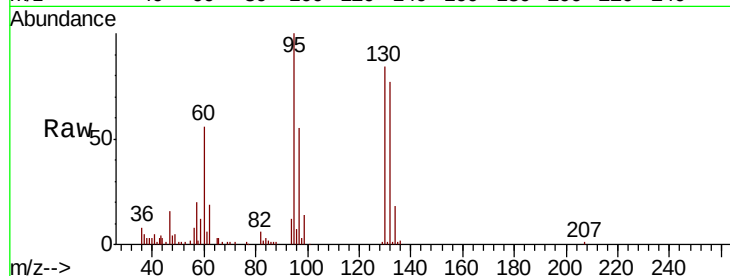
RT: 7.97 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tot Ion:130	Resp:	53381
Ion	Ratio	Lower Upper
130	100	
95	117.0	95.5 143.3
132	90.8	80.0 120.0
97	61.7	62.2 93.2#



#40

1,4-Dioxane

Concen: 0.444 ppbv m

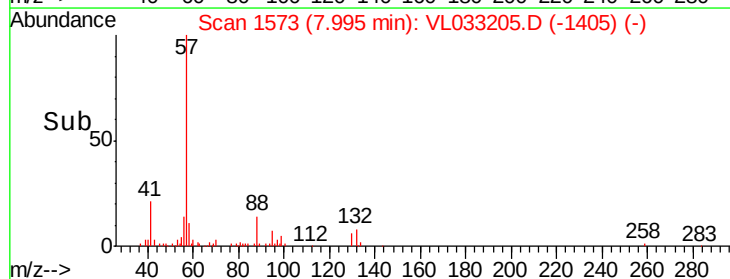
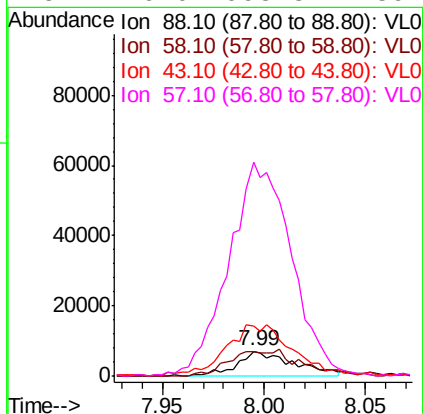
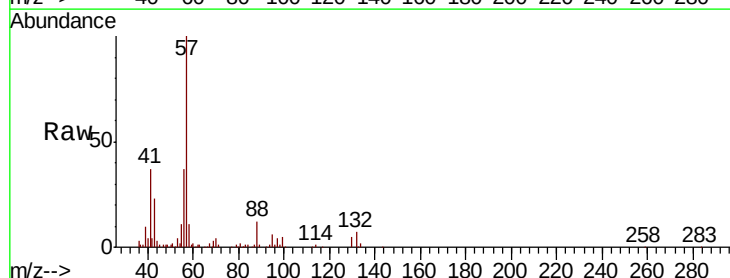
RT: 7.99 min Scan# 1573

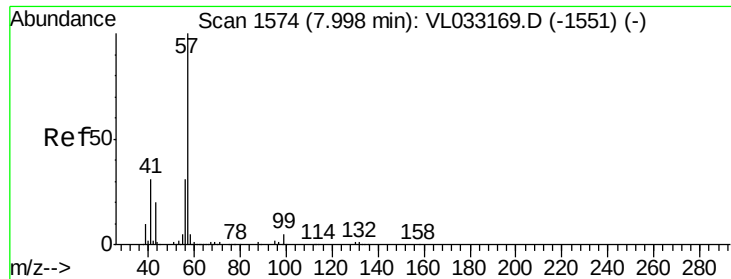
Delta R.T. 0.04 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 88	Resp:	13434
Ion	Ratio	Lower Upper
88	100	
58	0.0	106.4 159.6#
43	0.0	219.6 329.4#
57	0.0	993.3 1489.9#





#44

2,2,4-Trimethylpentane

Concen: 0.359 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

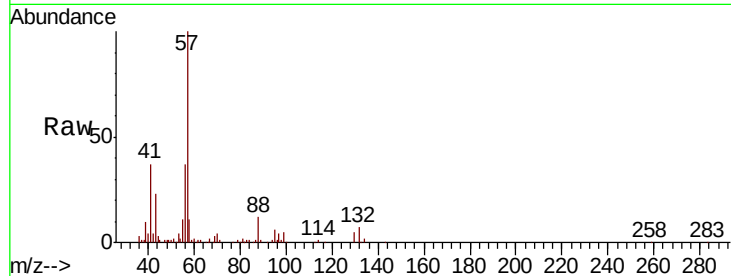
Tot Ion: 57 Resp: 131286

Ion Ratio Lower Upper

57 100

41 37.7 25.2 37.8

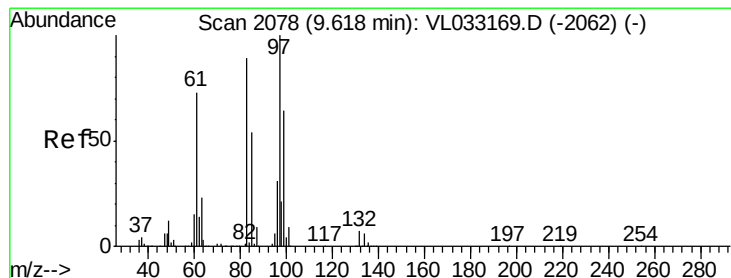
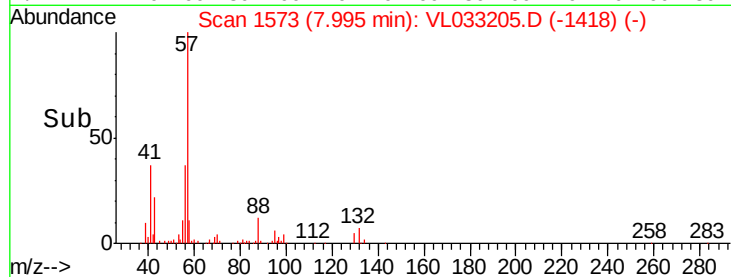
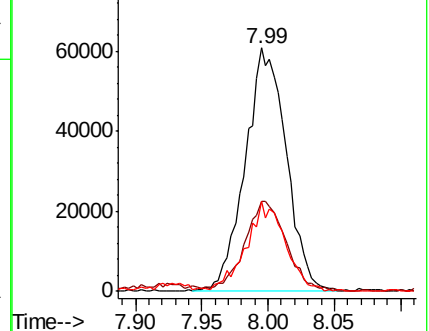
56 35.1 24.5 36.7



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: 0.395 ppbv

RT: 9.62 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tgt Ion: 97 Resp: 34966

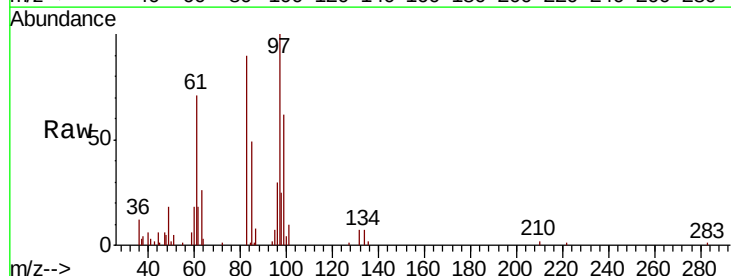
Ion Ratio Lower Upper

97 100

83 91.6 71.4 107.2

85 50.0 43.5 65.3

99 62.9 51.4 77.0

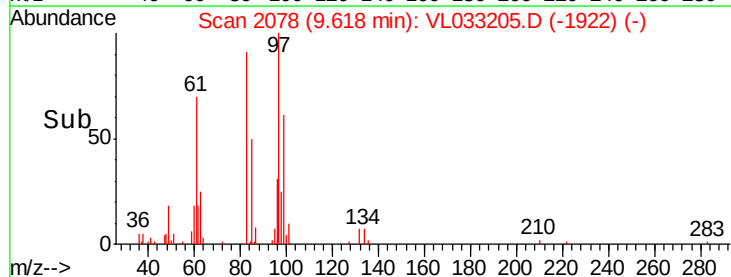
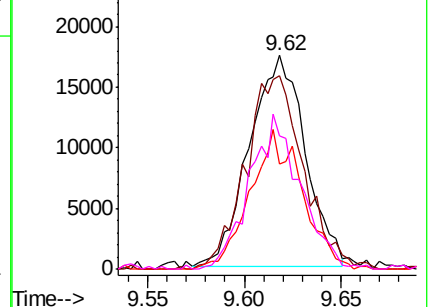


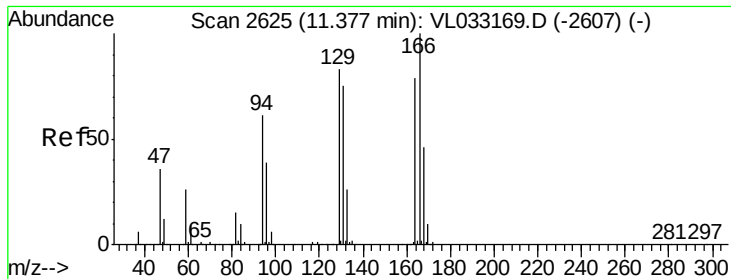
Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 1.726 ppbv

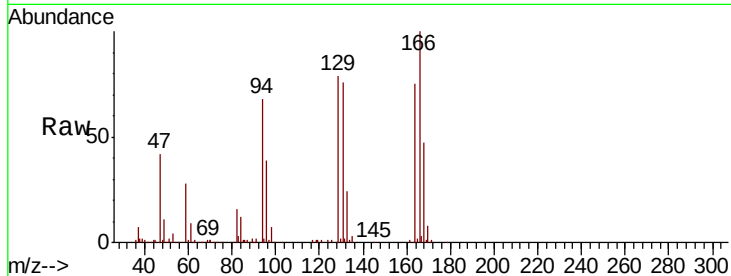
RT: 11.37 min Scan# 2624

Delta R.T. -0.00 min

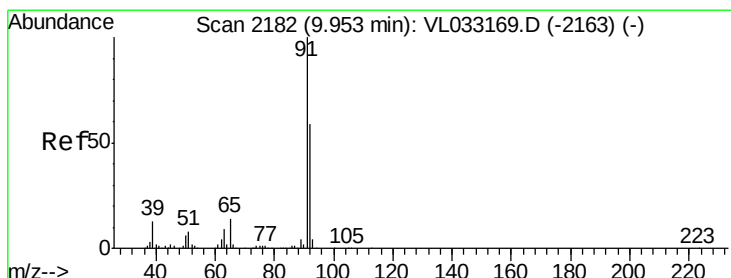
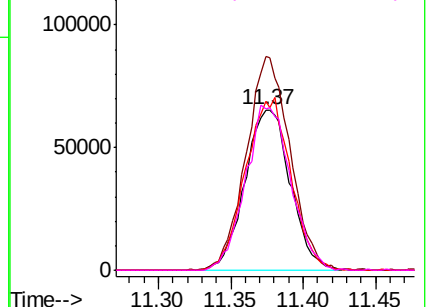
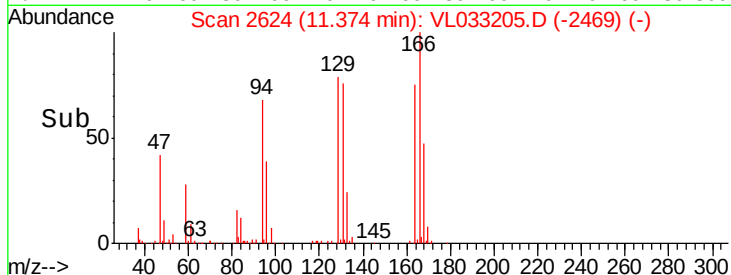
Lab File: VL033205.D

Acq: 14 Feb 2019 19:38

Tot Ion:	164	Resp:	143113
Ion	Ratio	Lower	Upper
164	100		
166	133.1	100.9	151.3
129	105.3	83.9	125.9
131	103.4	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: 1.025 ppbv

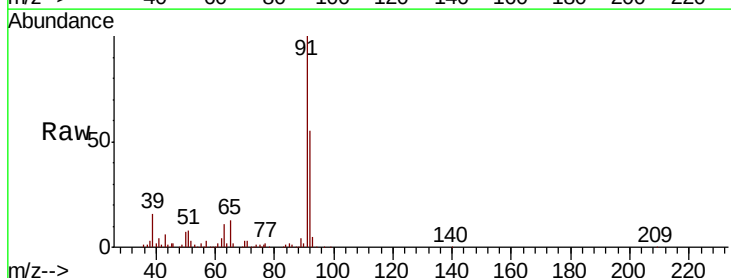
RT: 9.95 min Scan# 2181

Delta R.T. -0.00 min

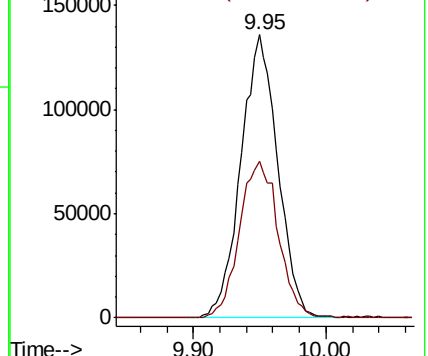
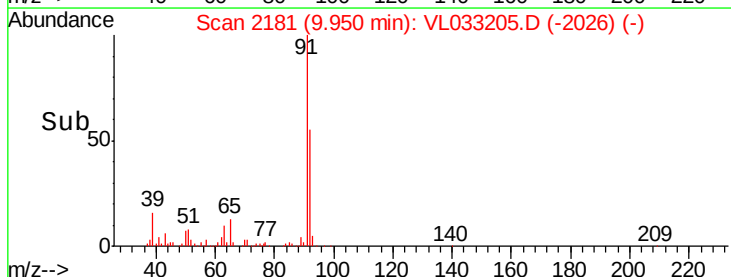
Lab File: VL033205.D

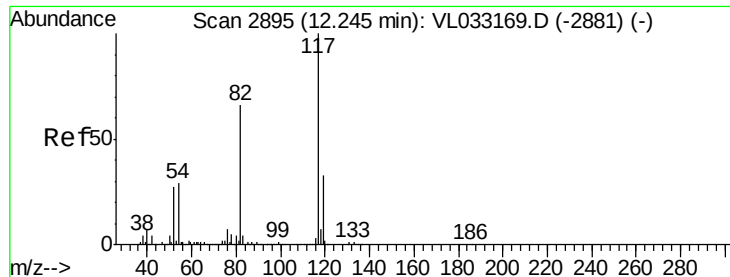
Acq: 14 Feb 2019 19:38

Tgt Ion:	91	Resp:	262039
Ion	Ratio	Lower	Upper
91	100		
92	58.4	48.0	72.0



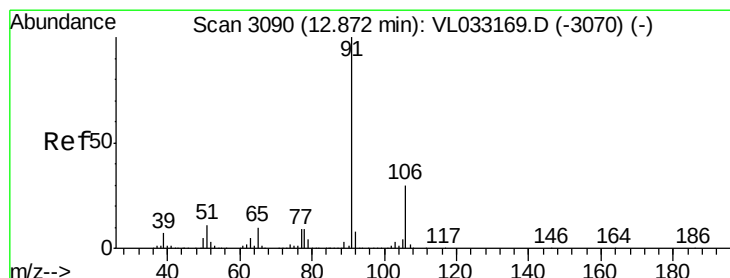
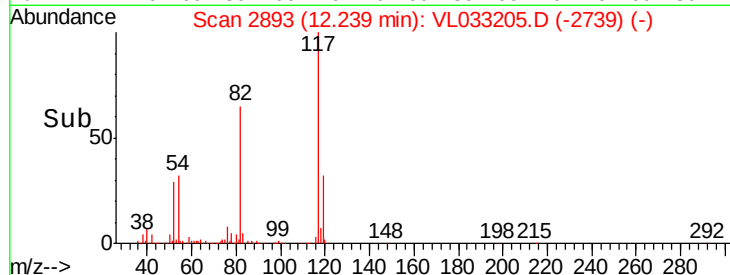
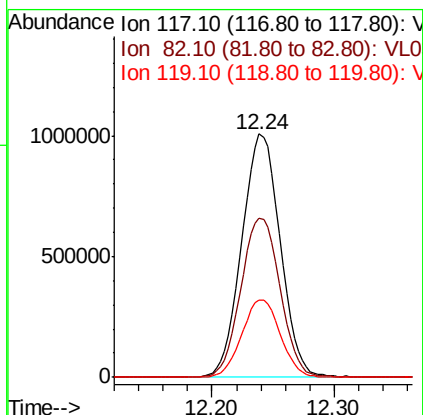
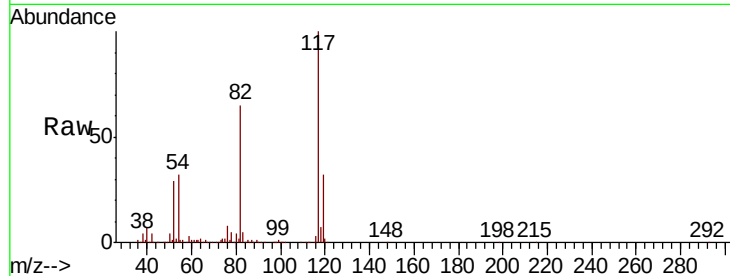
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





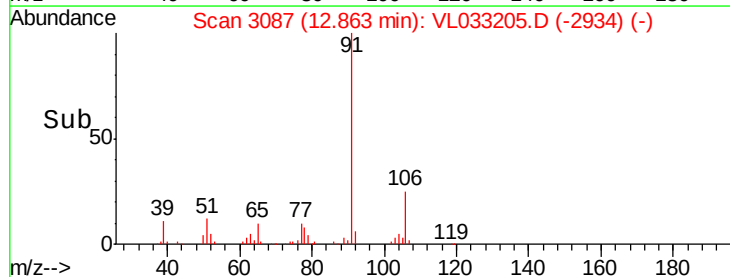
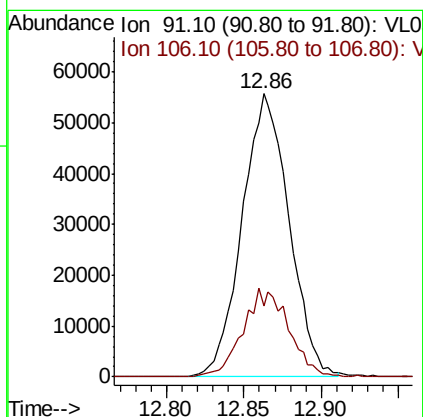
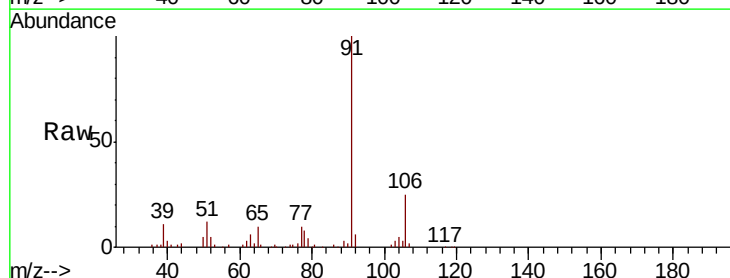
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

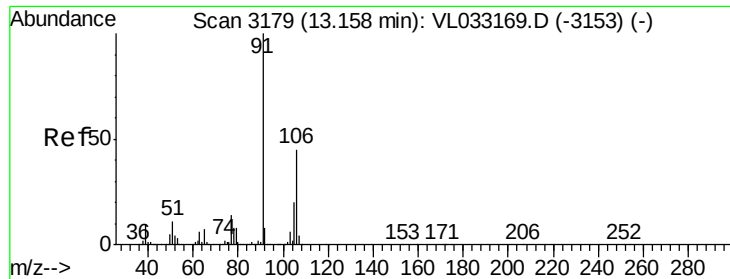
Tot Ion:117 Resp: 2187730
Ion Ratio Lower Upper
117 100
82 67.2 53.8 80.8
119 32.1 46.9 70.3#



#58
Ethyl Benzene
Concen: 0.327 ppbv
RT: 12.86 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

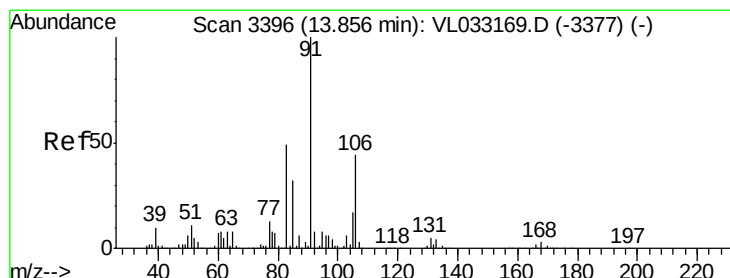
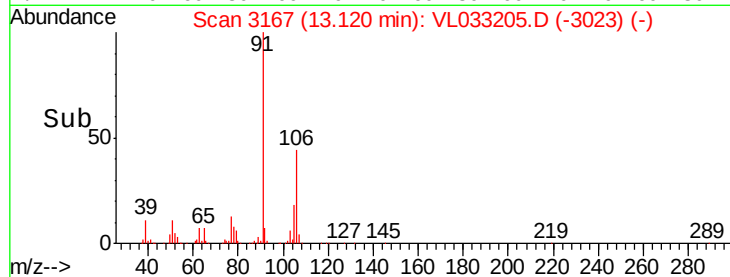
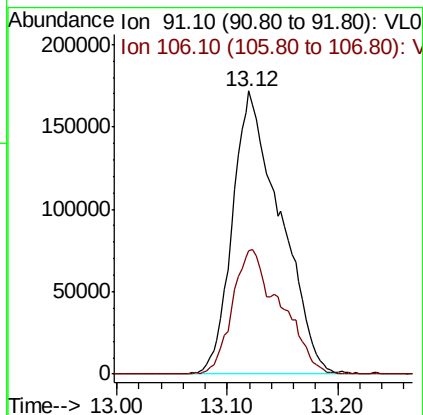
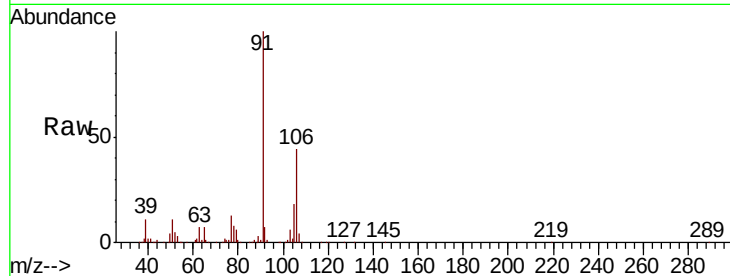
Tgt Ion: 91 Resp: 117389
Ion Ratio Lower Upper
91 100
106 25.0 23.8 35.8





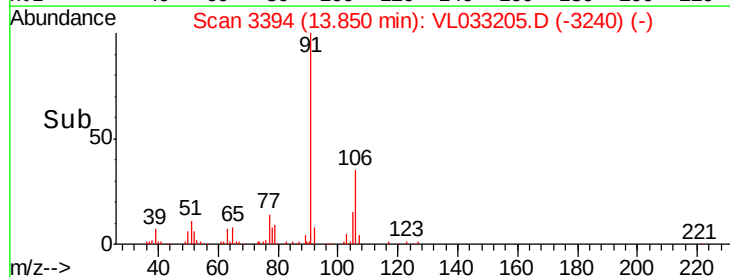
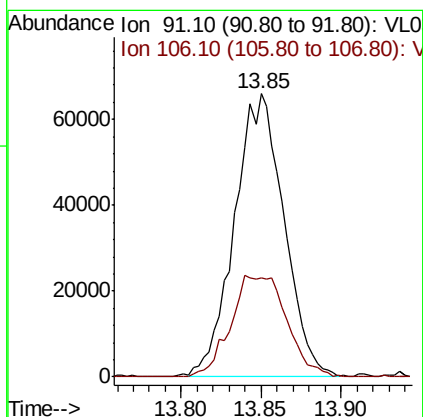
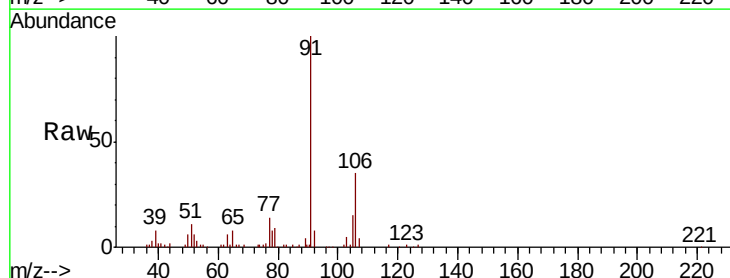
#59
m/p-Xylene
Concen: 1.727 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

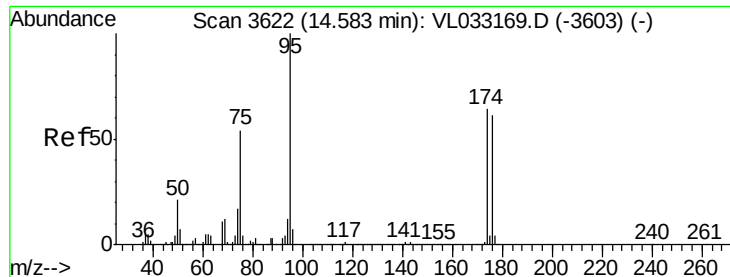
Tot Ion: 91 Resp: 515957
Ion Ratio Lower Upper
91 100
106 44.4 36.6 55.0



#60
o-Xylene
Concen: 0.480 ppbv
RT: 13.85 min Scan# 3394
Delta R.T. -0.01 min
Lab File: VL033205.D
Acq: 14 Feb 2019 19:38

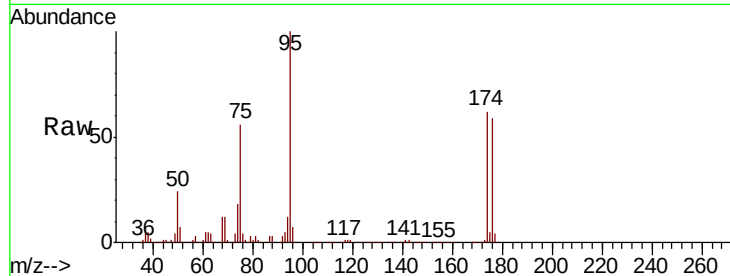
Tgt Ion: 91 Resp: 139870
Ion Ratio Lower Upper
91 100
106 40.4 21.8 65.3



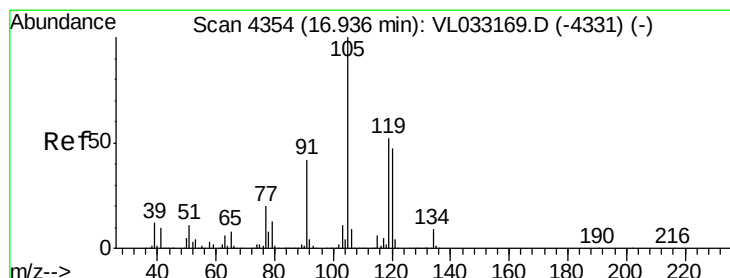
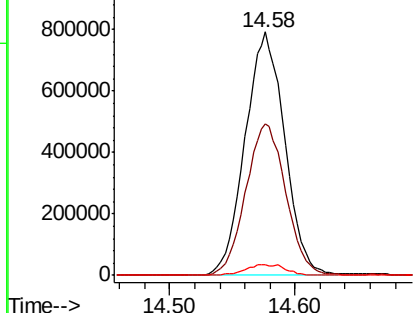
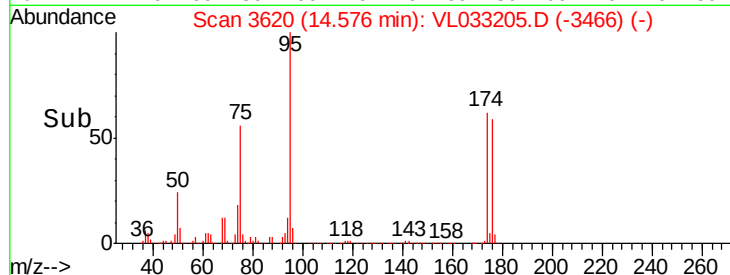


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.175 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tot Ion: 95 Resp: 1734775
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.1 76.7
 175 4.6 3.8 5.6

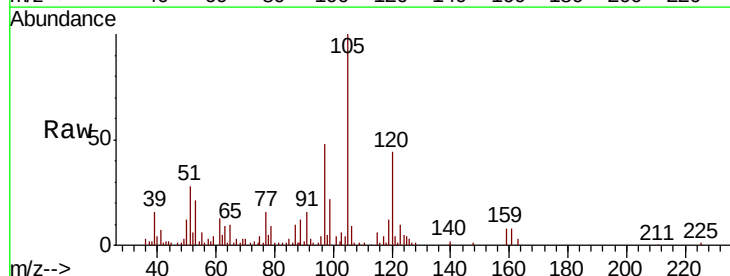


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V



#74
 1,2,4-Trimethylbenzene
 Concen: 0.229 ppbv
 RT: 16.92 min Scan# 4350
 Delta R.T. -0.01 min
 Lab File: VL033205.D
 Acq: 14 Feb 2019 19:38

Tgt Ion: 105 Resp: 76308
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.9 56.9
 91 14.6 34.0 51.0#
 77 15.0 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

