

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL021419\
 Data File : VL033207.D
 Acq On : 14 Feb 2019 20:57
 Operator : SY/AP
 Sample : K1483-03
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 15 04:18:54 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL020519AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 06 09:13:11 2019

QLast Update : Wed Feb 06 09:13:11 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	968073	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2113950	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	2135182	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1710383	10.40	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.00%

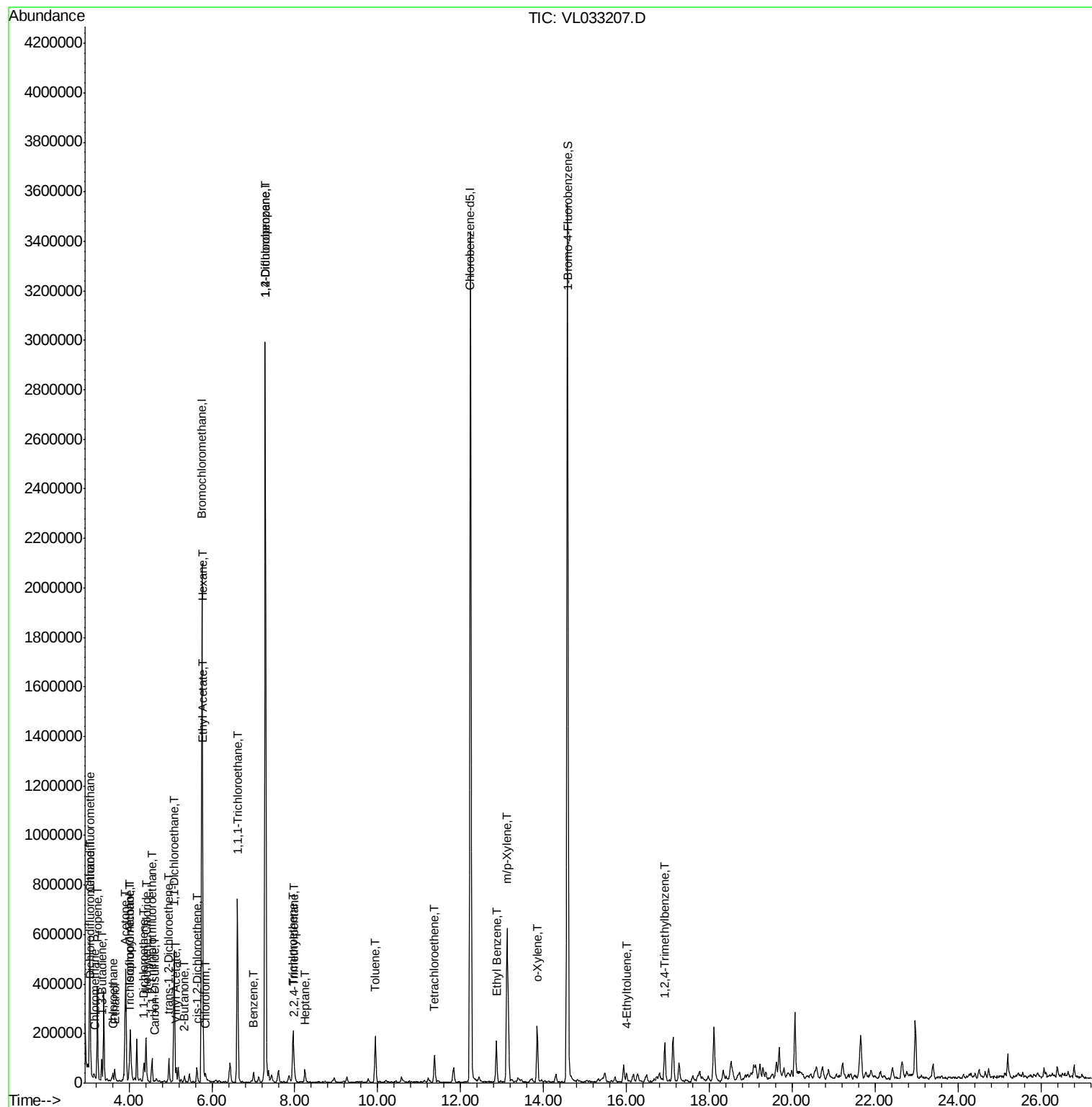
Target Compounds

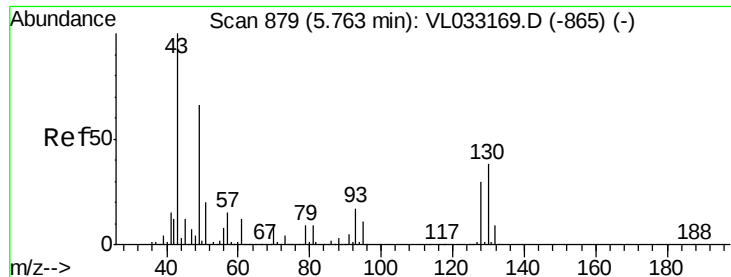
						Qvalue
2) Dichlorodifluoromethane	3.08	85	62163	0.336	ppbv	96
3) Chlorodifluoromethane	3.06	51	187028	1.605	ppbv #	60
4) Chloromethane	3.17	50	8404	0.137	ppbv #	82
7) Chloroethane	3.60	64	2039	0.097	ppbv #	76
9) Propene	3.24	41	86584	1.538	ppbv	98
10) Heptane	8.25	43	18861	0.111	ppbv	100
11) Trichlorofluoromethane	4.00	101	45287	0.302	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.55	101	32176	0.310	ppbv	96
13) Ethanol	3.65	45	47005	2.503	ppbv	92
15) Acetone	3.90	43	388781	3.565	ppbv #	88
16) 1,3-Butadiene	3.35	39	23436	0.453	ppbv #	8
18) 1,1-Dichloroethene	4.35	96	17781	0.383	ppbv #	91
19) Isopropyl Alcohol	4.03	45	233309	3.154	ppbv #	96
20) Methylene Chloride	4.40	84	57854	1.334	ppbv	89
22) trans-1,2-Dichloroethene	4.96	96	27081	0.600	ppbv	92
23) Vinyl Acetate	5.15	43	7574	0.040	ppbv #	29
24) 1,1-Dichloroethane	5.09	63	433130	3.240	ppbv	99
25) Ethyl Acetate	5.78	43	62891	0.256	ppbv #	80
26) Hexane	5.78	57	87363	0.759	ppbv #	42
27) Carbon Disulfide	4.62	76	4497	0.043	ppbv #	35
29) Chloroform	5.84	83	16175	0.092	ppbv	84
31) cis-1,2-Dichloroethene	5.63	61	32913	0.286	ppbv #	81
32) 1,1,1-Trichloroethane	6.62	97	454502	2.340	ppbv	97
34) 2-Butanone	5.34	43	28381	0.212	ppbv	100
36) Benzene	7.00	78	30328	0.142	ppbv	94
38) Trichloroethene	7.96	130	60721	0.662	ppbv	95
39) 1,2-Dichloropropane	7.29	63	575302	6.799	ppbv #	25
44) 2,2,4-Trimethylpentane	7.99	57	38862	0.107	ppbv #	78
52) Tetrachloroethene	11.36	164	8950	0.109	ppbv #	51
53) Toluene	9.94	91	52940	0.209	ppbv #	21
58) Ethyl Benzene	12.86	91	135977	0.393	ppbv	95
59) m/p-Xylene	13.12	91	656814	2.278	ppbv #	100
60) o-Xylene	13.85	91	168653	0.601	ppbv	97
72) 4-Ethyltoluene	16.00	105	14114	0.044	ppbv #	54
74) 1,2,4-Trimethylbenzene	16.92	105	53112	0.166	ppbv #	77

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

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Feb 06 09:13:11 2019
QLast Update : Wed Feb 06 09:13:11 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

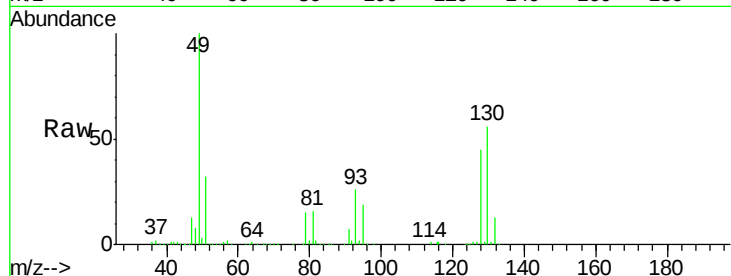
Tgt Ion: 49 Resp: 968073

Ion Ratio Lower Upper

49 100

128 45.6 23.6 71.0

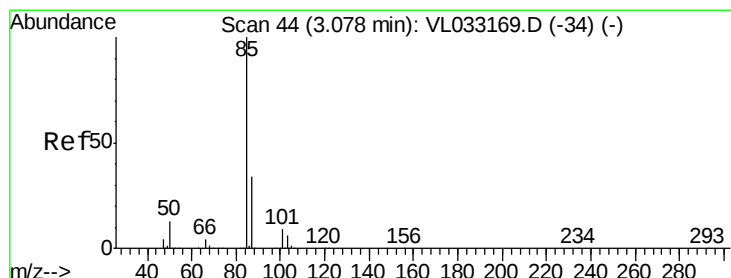
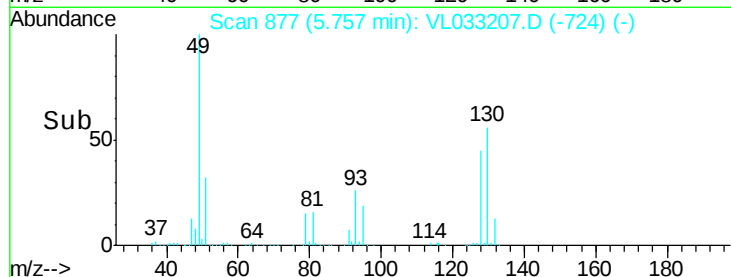
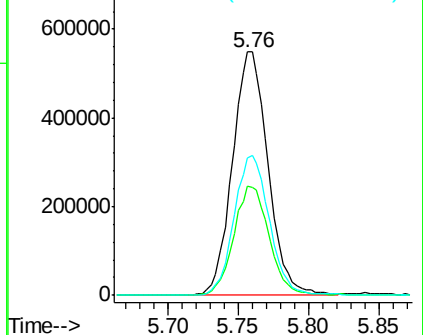
130 57.7 30.3 91.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.336 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033207.D

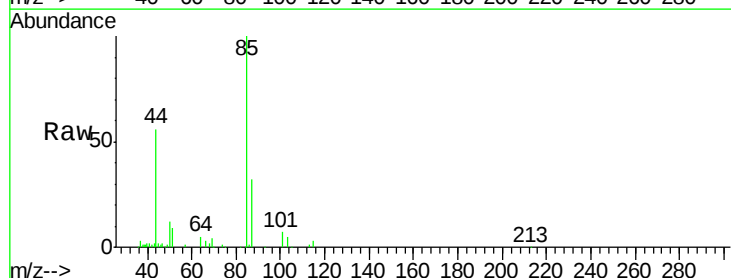
Acq: 14 Feb 2019 20:57

Tgt Ion: 85 Resp: 62163

Ion Ratio Lower Upper

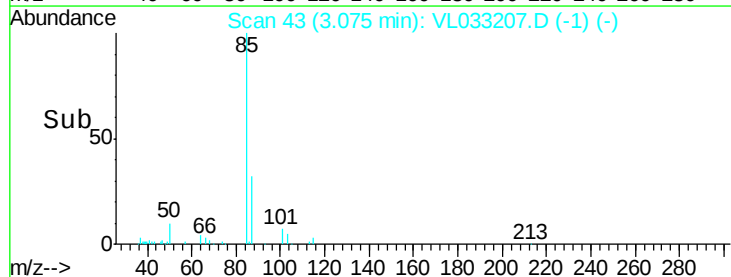
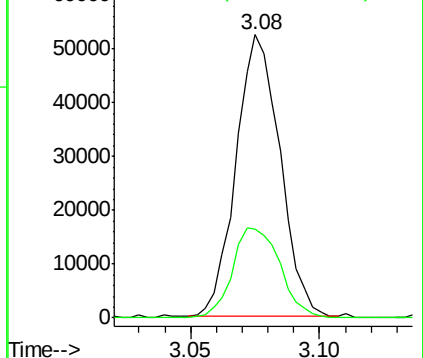
85 100

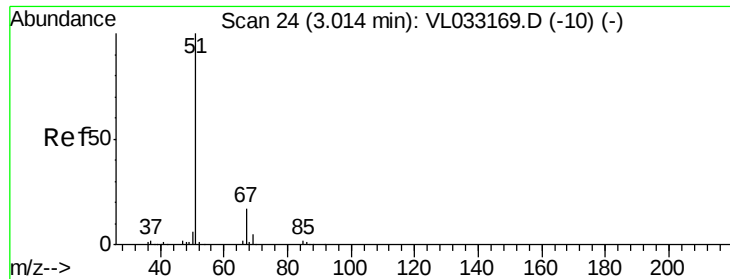
87 31.7 27.4 41.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.605 ppbv

RT: 3.06 min Scan# 37

Delta R.T. 0.04 min

Lab File: VL033207.D

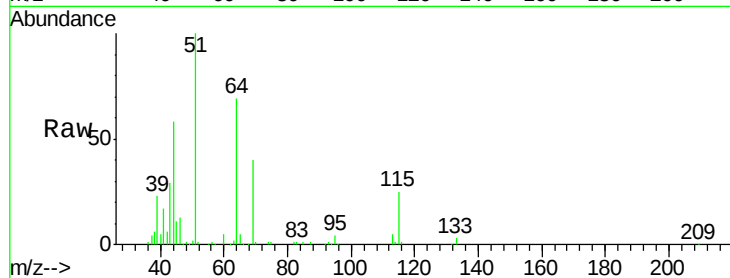
Acq: 14 Feb 2019 20:57

Tgt Ion: 51 Resp: 187028

Ion Ratio Lower Upper

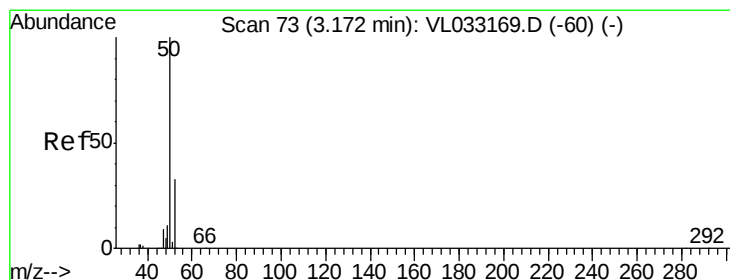
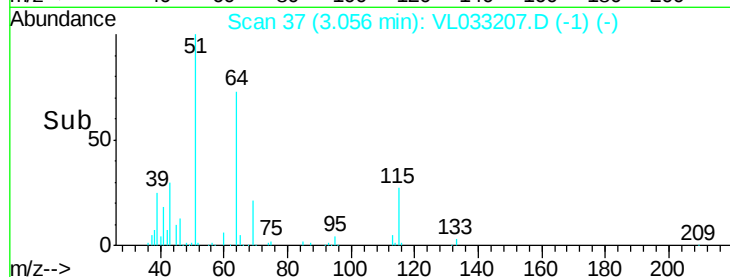
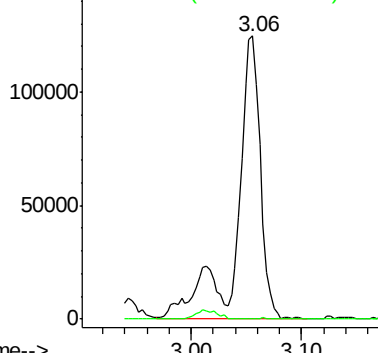
51 100

67 0.1 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: 0.137 ppbv

RT: 3.17 min Scan# 74

Delta R.T. 0.00 min

Lab File: VL033207.D

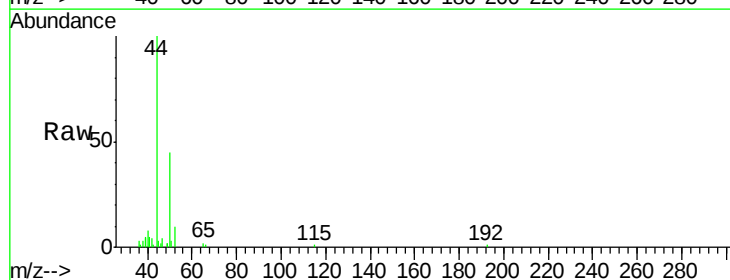
Acq: 14 Feb 2019 20:57

Tgt Ion: 50 Resp: 8404

Ion Ratio Lower Upper

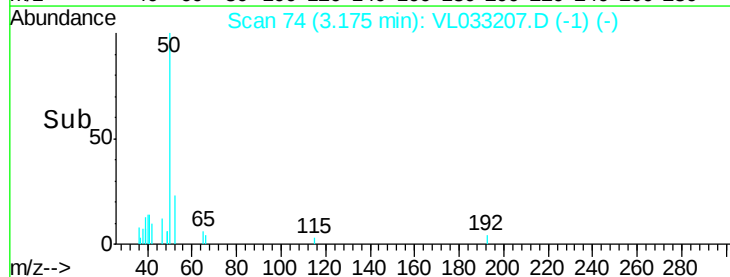
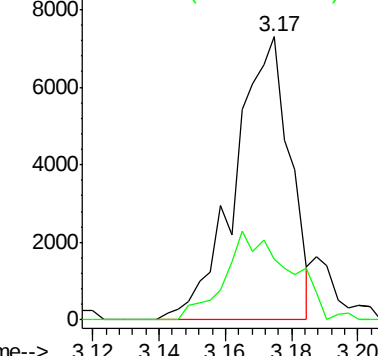
50 100

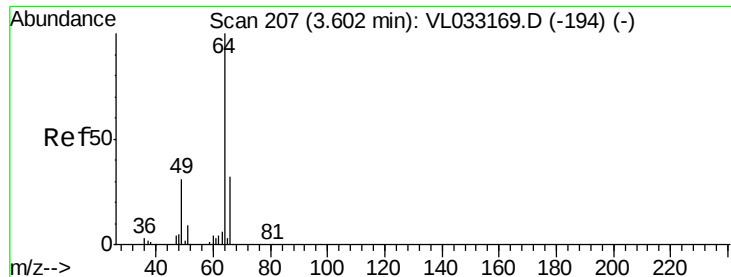
52 22.7 26.5 39.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#7

Chloroethane

Concen: 0.097 ppbv

RT: 3.60 min Scan# 206

Delta R.T. -0.00 min

Lab File: VL033207.D

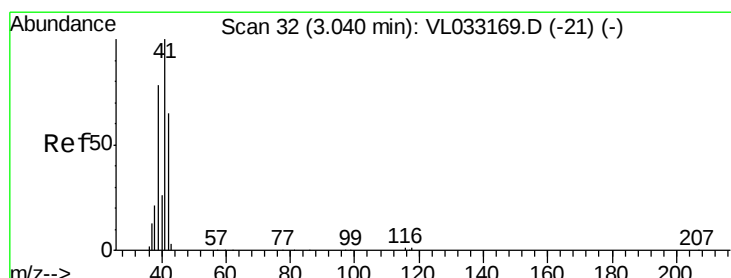
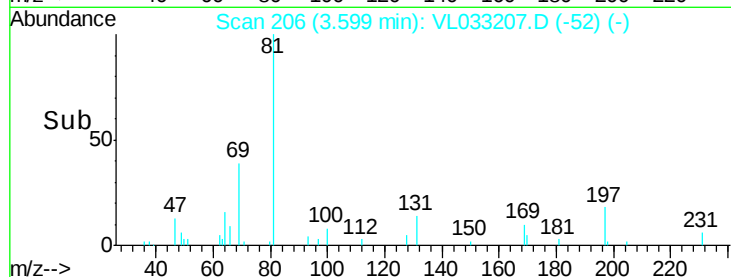
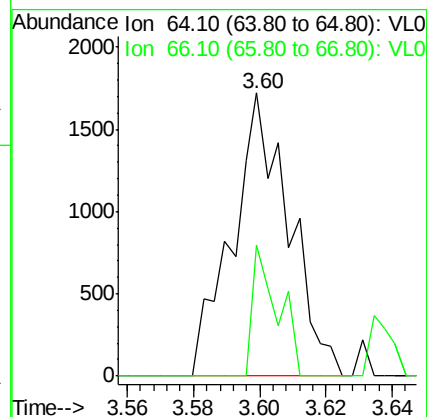
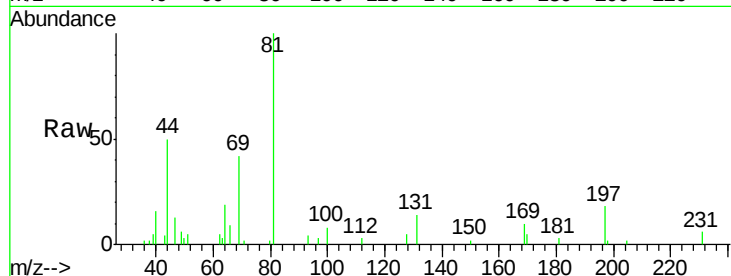
Acq: 14 Feb 2019 20:57

Tgt Ion: 64 Resp: 2039

Ion Ratio Lower Upper

64 100

66 46.1 26.0 39.0#



#9

Propene

Concen: 1.538 ppbv

RT: 3.24 min Scan# 94

Delta R.T. 0.20 min

Lab File: VL033207.D

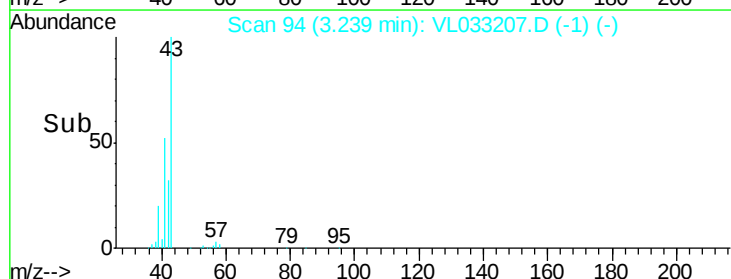
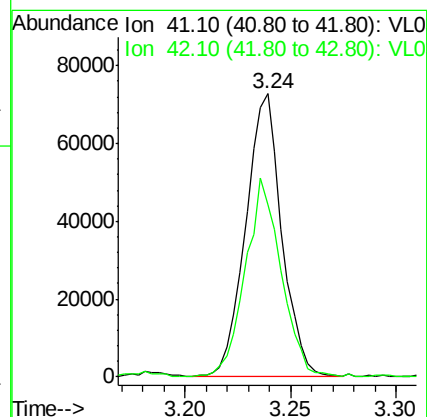
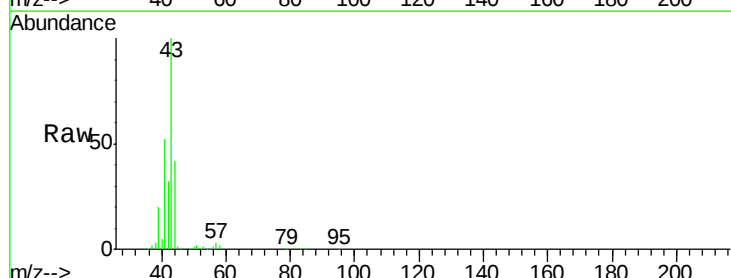
Acq: 14 Feb 2019 20:57

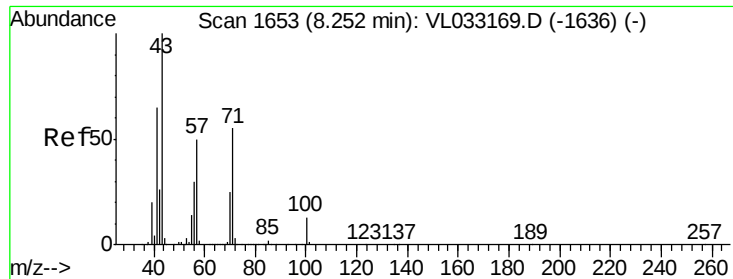
Tgt Ion: 41 Resp: 86584

Ion Ratio Lower Upper

41 100

42 70.4 55.0 82.6





#10

Heptane

Concen: 0.111 ppbv

RT: 8.25 min Scan# 1651

Delta R.T. -0.01 min

Lab File: VL033207.D

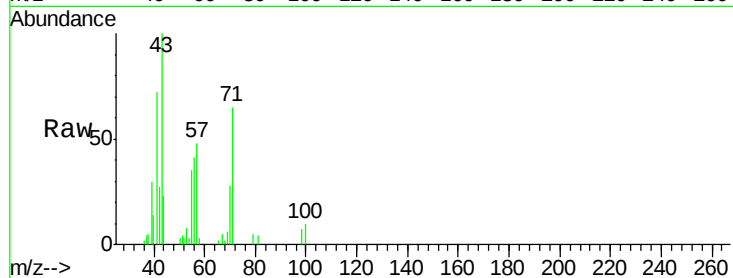
Acq: 14 Feb 2019 20:57

Tgt Ion: 43 Resp: 18861

Ion Ratio Lower Upper

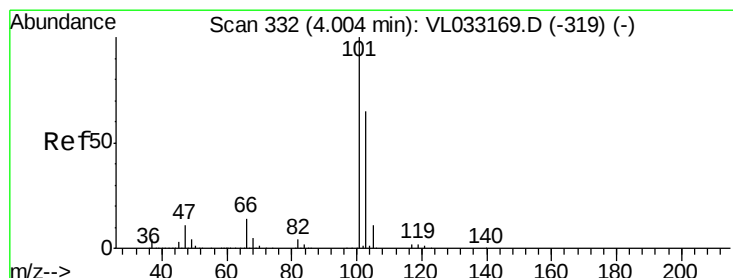
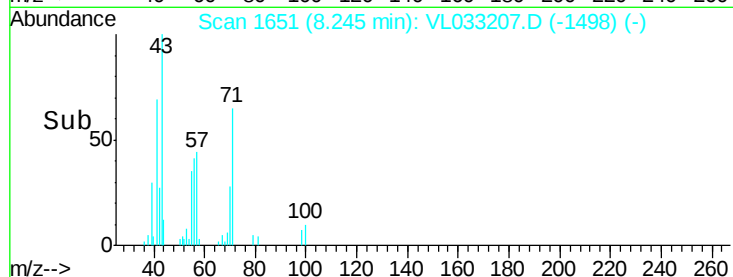
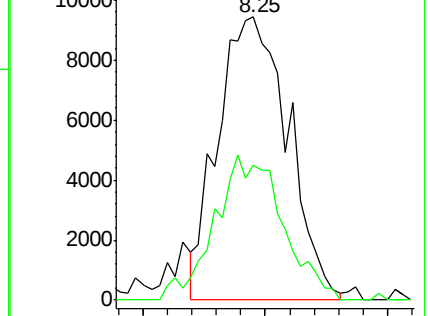
43 100

57 49.2 39.5 59.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.302 ppbv

RT: 4.00 min Scan# 331

Delta R.T. -0.00 min

Lab File: VL033207.D

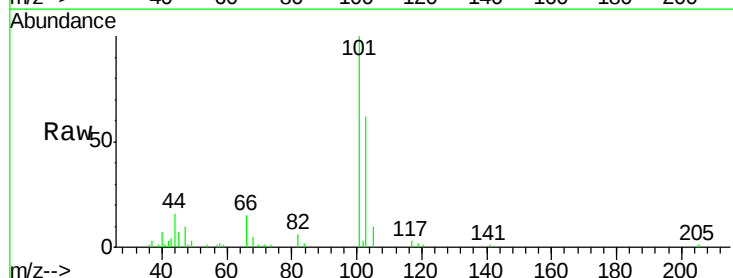
Acq: 14 Feb 2019 20:57

Tgt Ion: 101 Resp: 45287

Ion Ratio Lower Upper

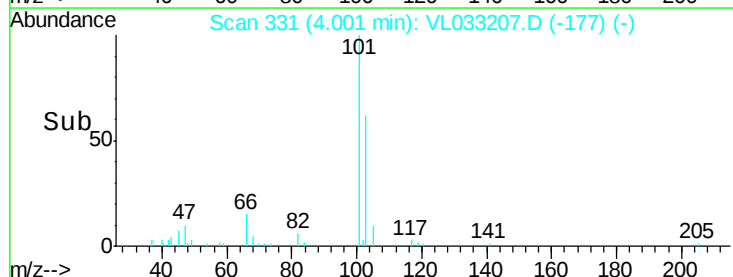
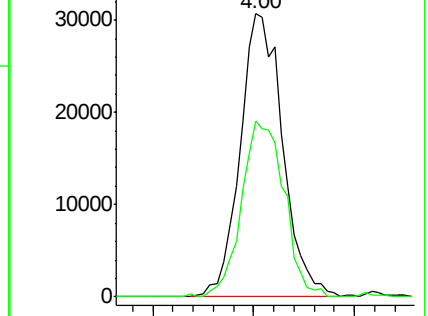
101 100

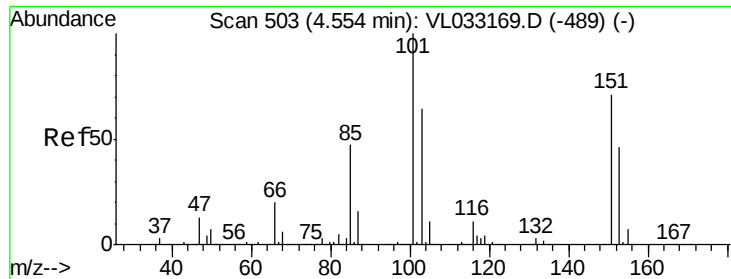
103 62.0 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): V

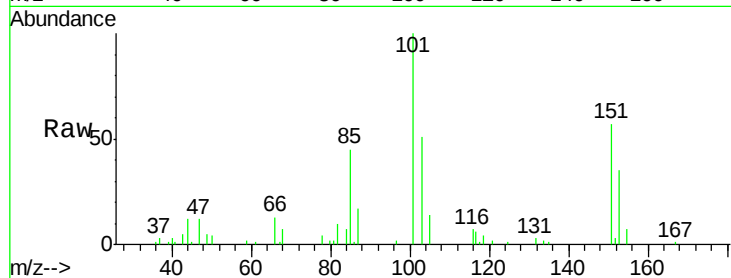
Ion 103.00 (102.70 to 103.70): V



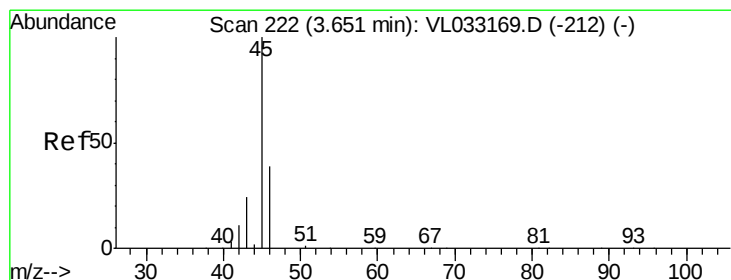
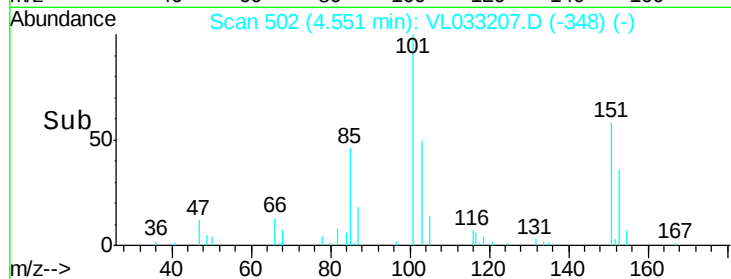
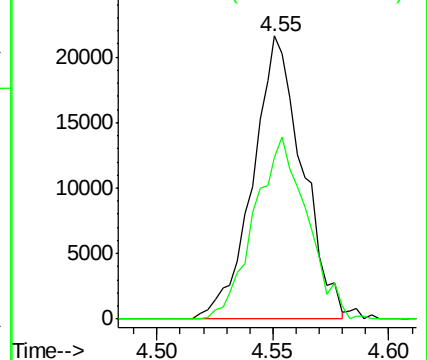


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.310 ppbv
 RT: 4.55 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion: 101 Resp: 32176
 Ion Ratio Lower Upper
 101 100
 151 68.4 57.4 86.0

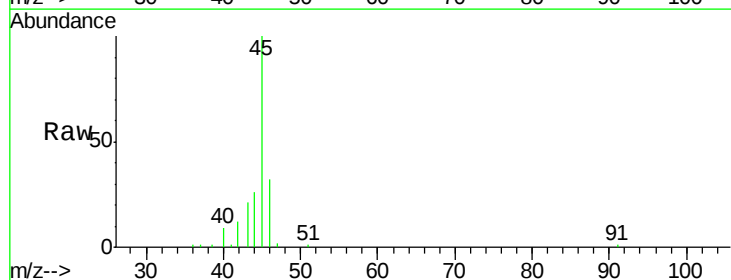


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 151.00 (150.70 to 151.70): V

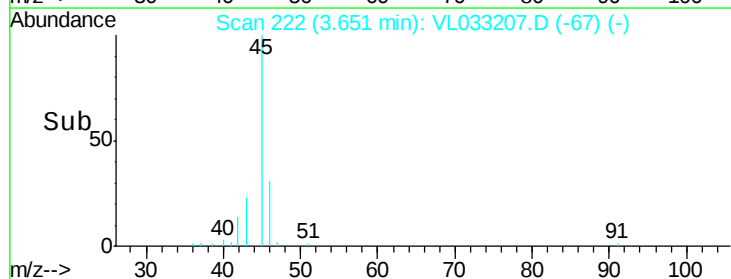
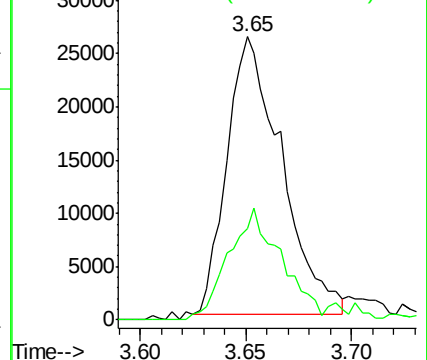


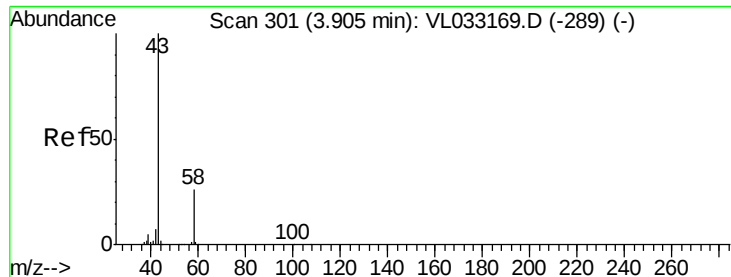
#13
 Ethanol
 Concen: 2.503 ppbv
 RT: 3.65 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion: 45 Resp: 47005
 Ion Ratio Lower Upper
 45 100
 46 42.6 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: 3.565 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL033207.D

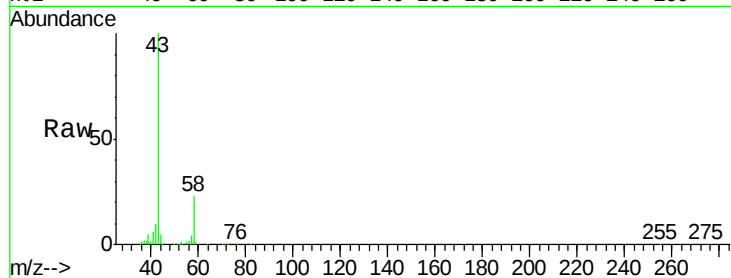
Acq: 14 Feb 2019 20:57

Tgt Ion: 43 Resp: 388781

Ion Ratio Lower Upper

43 100

58 20.1 21.1 31.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.90

200000

150000

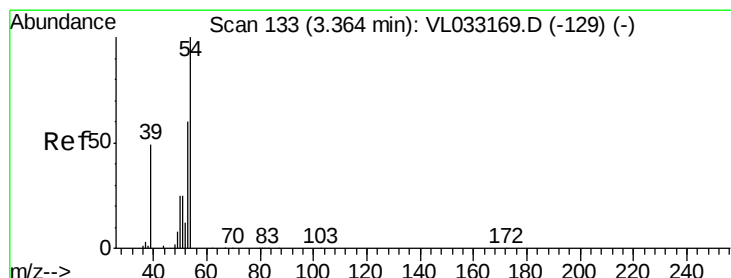
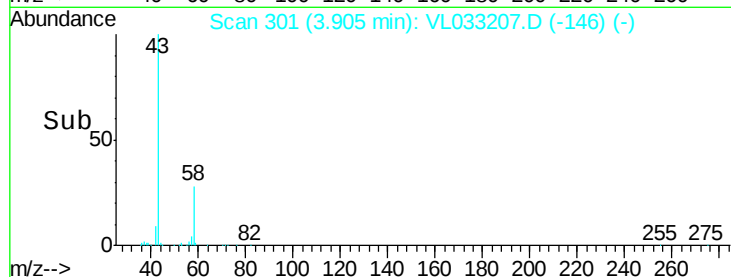
100000

50000

0

Time-->

3.85 3.90 3.95



#16

1,3-Butadiene

Concen: 0.453 ppbv

RT: 3.35 min Scan# 127

Delta R.T. -0.02 min

Lab File: VL033207.D

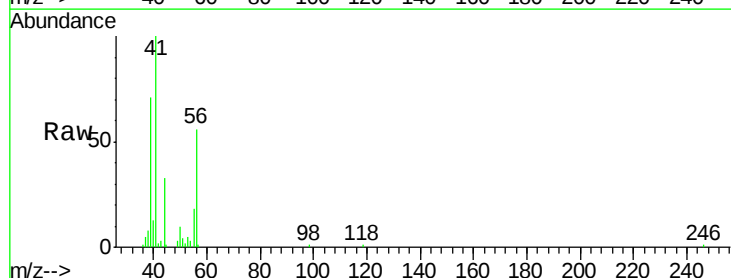
Acq: 14 Feb 2019 20:57

Tgt Ion: 39 Resp: 23436

Ion Ratio Lower Upper

39 100

54 3.2 71.3 106.9#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0

3.35

40000

30000

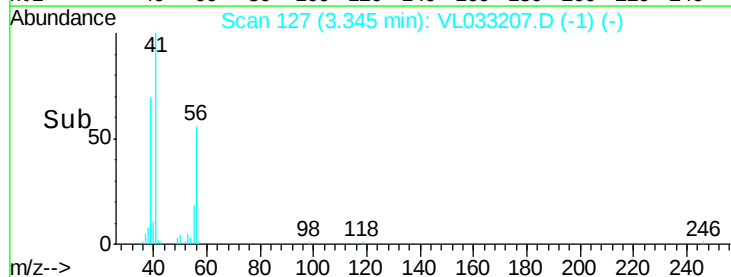
20000

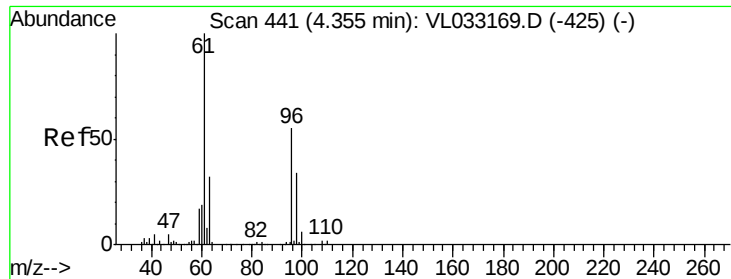
10000

0

Time-->

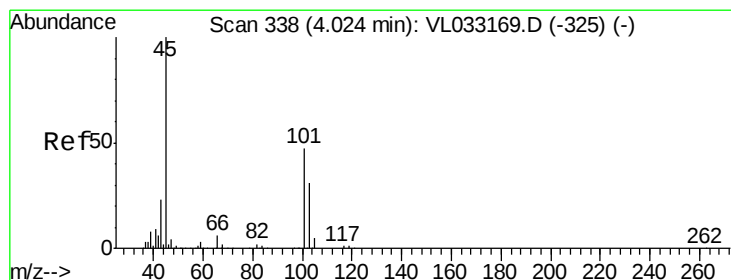
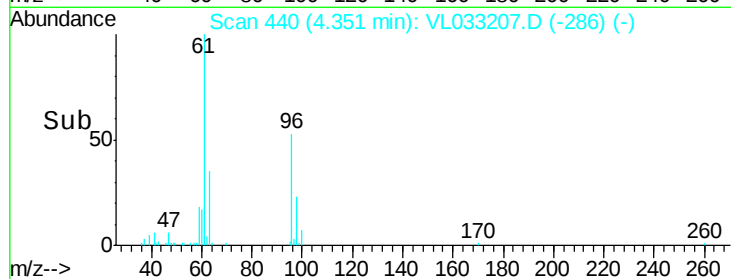
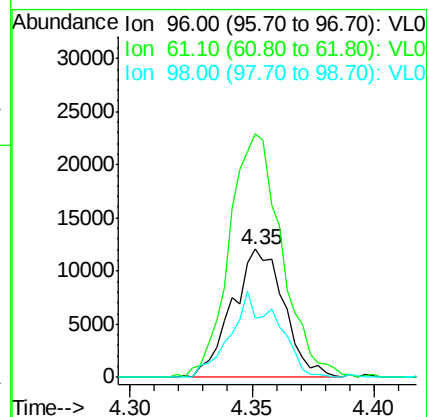
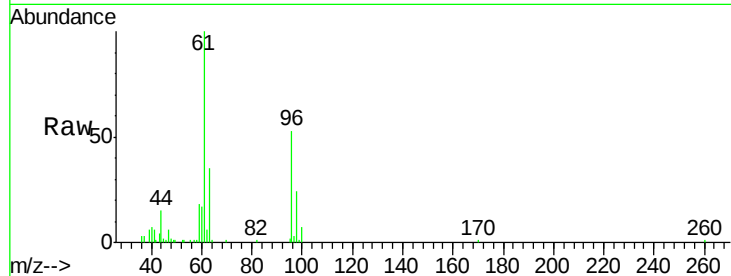
3.30 3.35





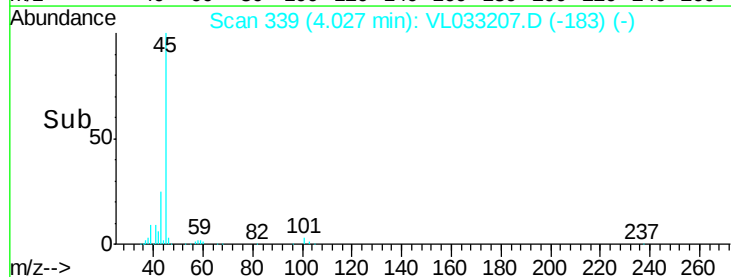
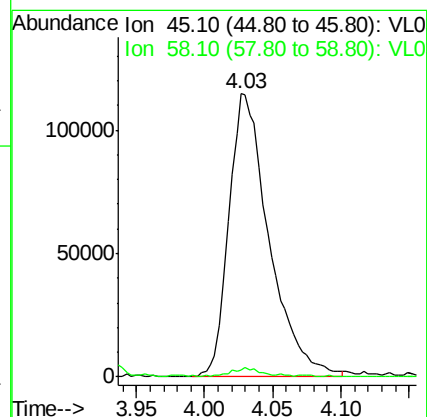
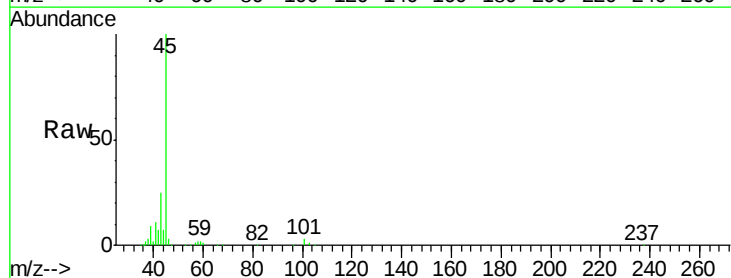
#18
 1,1-Dichloroethene
 Concen: 0.383 ppbv
 RT: 4.35 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

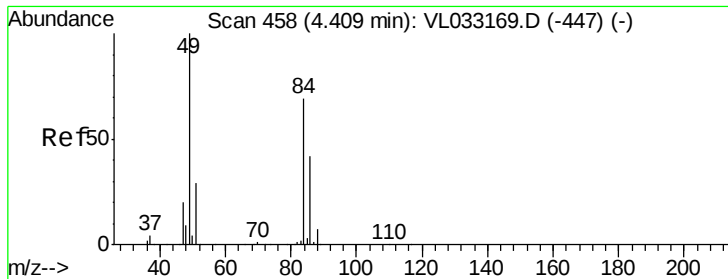
Tgt Ion: 96 Resp: 17781
 Ion Ratio Lower Upper
 96 100
 61 187.9 145.0 217.6
 98 46.3 50.0 75.0#



#19
 Isopropyl Alcohol
 Concen: 3.154 ppbv
 RT: 4.03 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

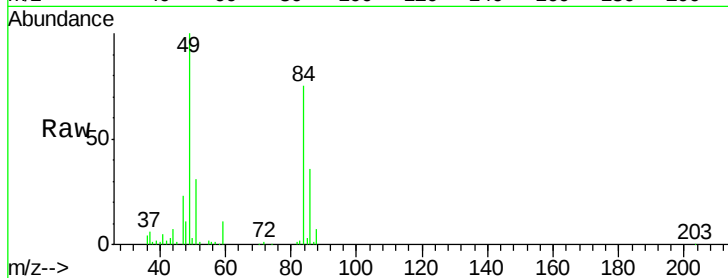
Tgt Ion: 45 Resp: 233309
 Ion Ratio Lower Upper
 45 100
 58 3.4 1.5 2.3#



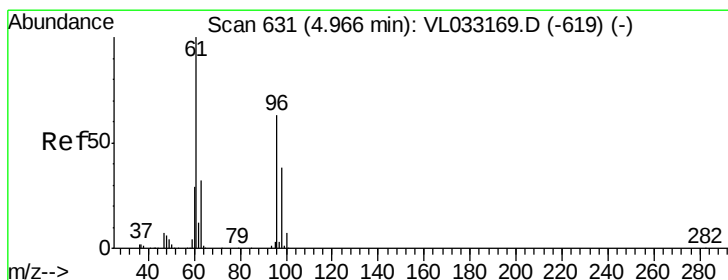
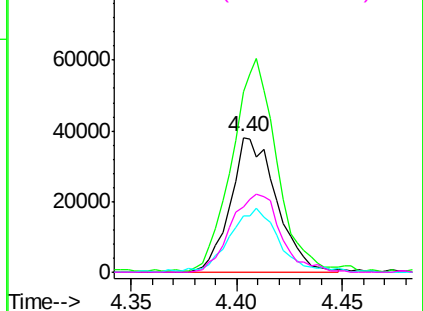
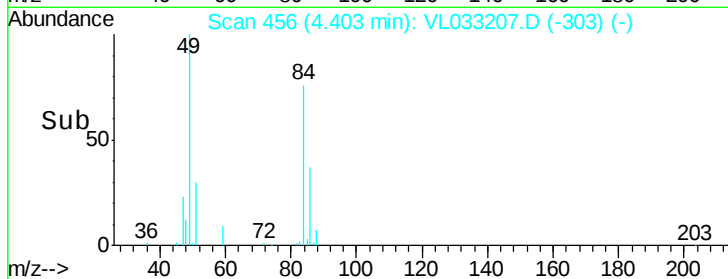


#20
Methylene Chloride
Concen: 1.334 ppbv
RT: 4.40 min Scan# 456
Delta R.T. -0.01 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

Tgt Ion:	84	Resp:	57854
Ion	Ratio	Lower	Upper
84	100		
49	131.4	115.8	173.8
51	39.5	33.0	49.6
86	48.5	48.2	72.2

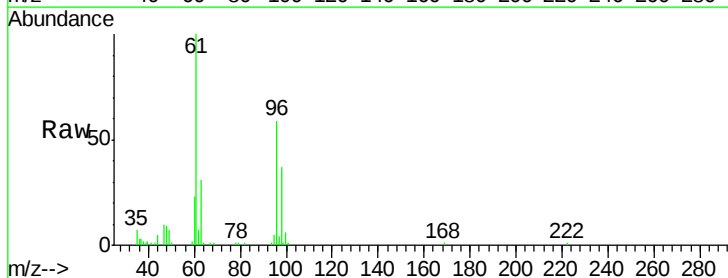


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

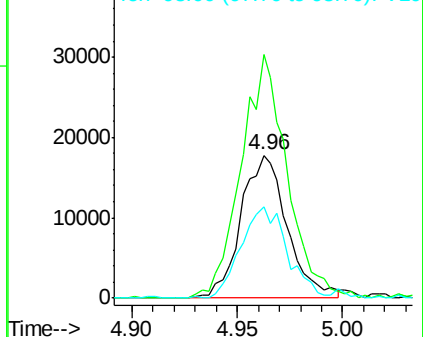
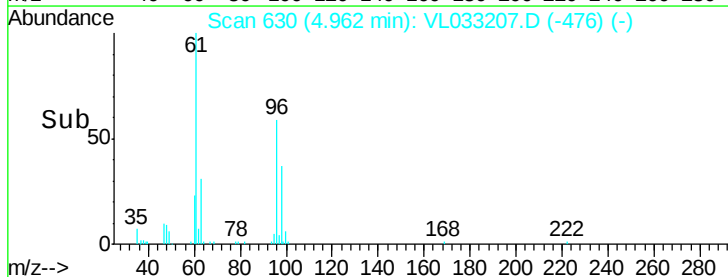


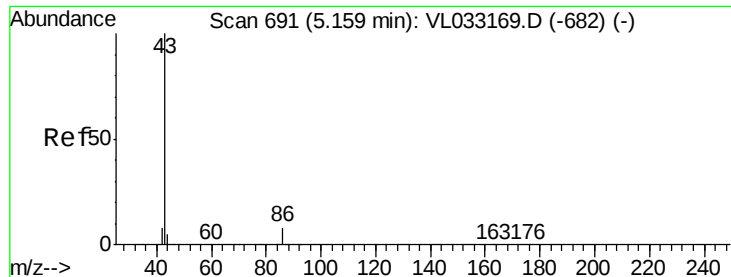
#22
trans-1,2-Dichloroethene
Concen: 0.600 ppbv
RT: 4.96 min Scan# 630
Delta R.T. -0.00 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

Tgt Ion:	96	Resp:	27081
Ion	Ratio	Lower	Upper
96	100		
61	170.4	126.4	189.6
98	63.8	48.4	72.6



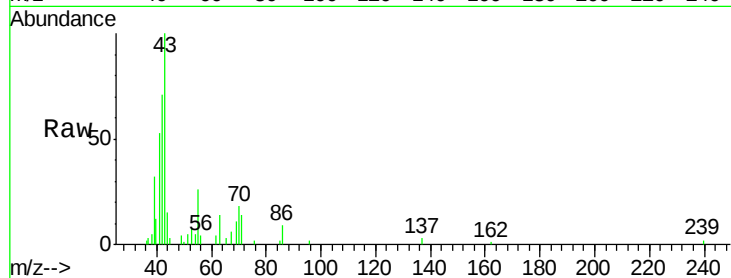
Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



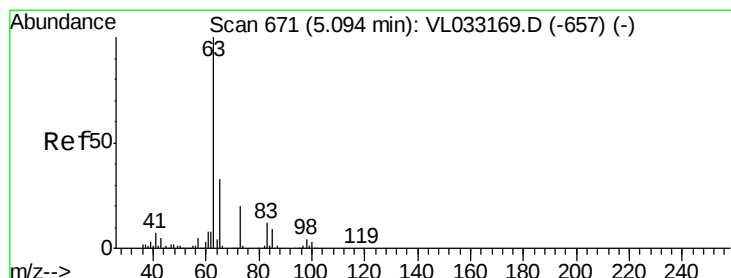
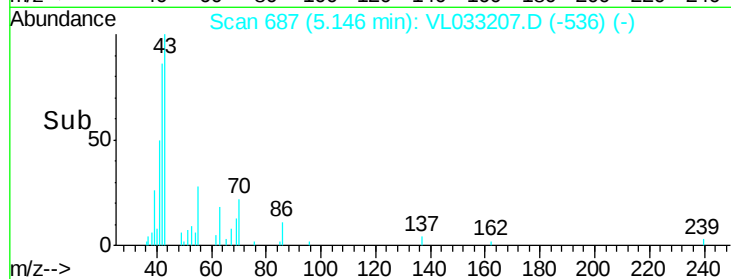
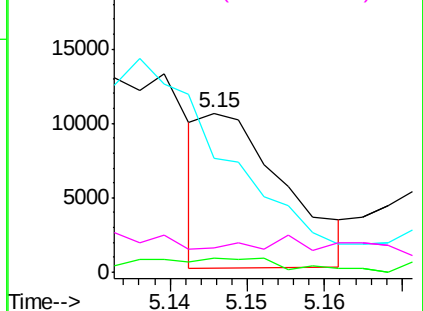


#23
 Vinyl Acetate
 Concen: 0.040 ppbv
 RT: 5.15 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion:	43	Resp:	7574
Ion	Ratio	Lower	Upper
43	100		
86	7.9	5.8	8.8
42	65.5	7.4	11.0#
44	1.0	3.7	5.5#

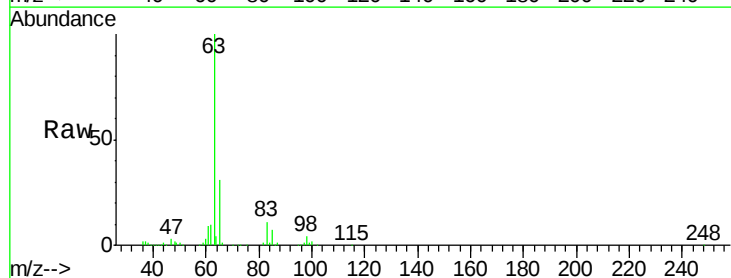


Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 86.10 (85.80 to 86.80): VL0
 Ion 42.10 (41.80 to 42.80): VL0
 Ion 44.10 (43.80 to 44.80): VL0

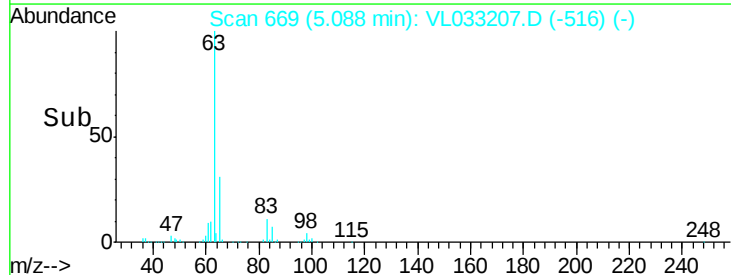
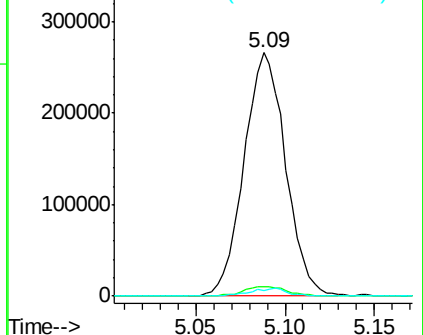


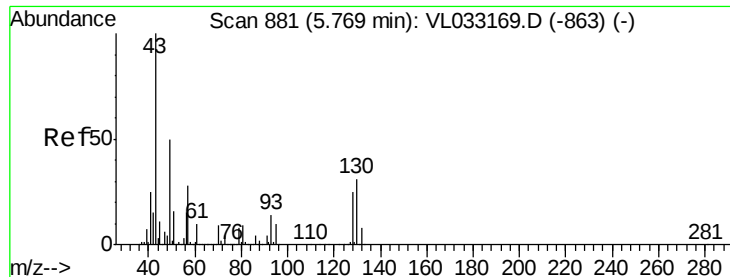
#24
 1,1-Dichloroethane
 Concen: 3.240 ppbv
 RT: 5.09 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion:	63	Resp:	433130
Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.1	6.5
100	2.4	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





#25

Ethyl Acetate

Concen: 0.256 ppbv

RT: 5.78 min Scan# 885

Delta R.T. 0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion: 43 Resp: 62891

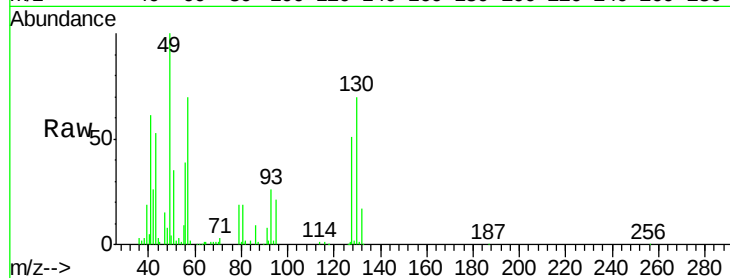
Ion Ratio Lower Upper

43 100

45 2.6 7.9 11.9#

61 0.0 7.5 11.3#

70 2.3 5.8 8.8#

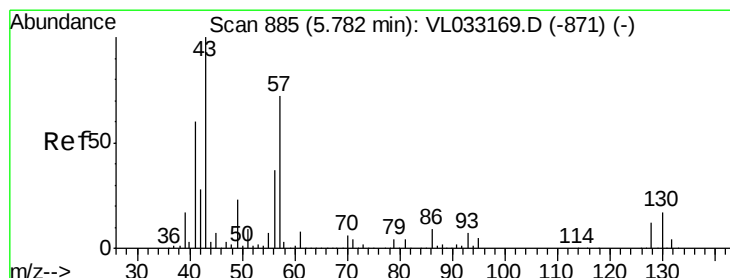
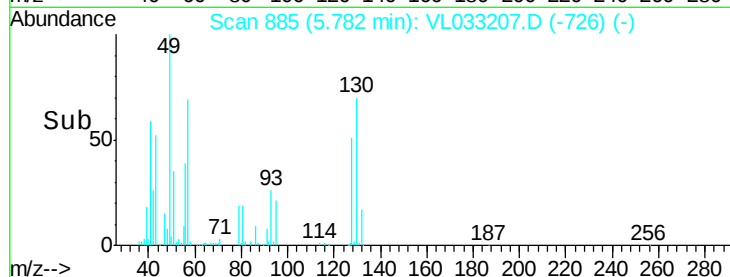
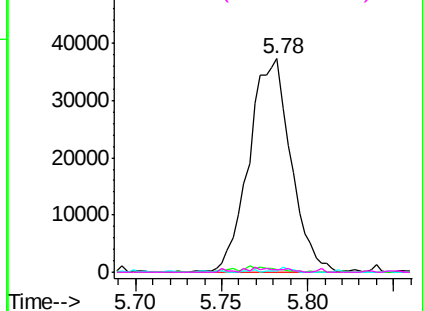


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 0.759 ppbv

RT: 5.78 min Scan# 883

Delta R.T. -0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion: 57 Resp: 87363

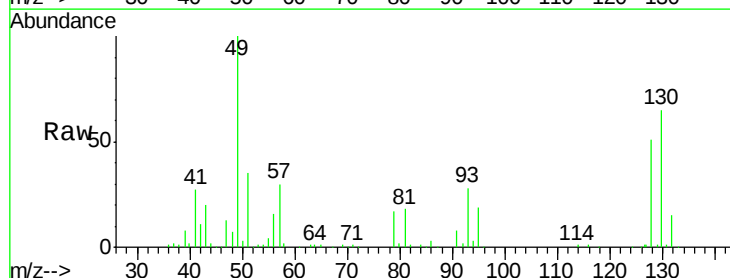
Ion Ratio Lower Upper

57 100

41 91.9 69.4 104.2

43 72.7 176.7 265.1#

56 53.4 41.4 62.0

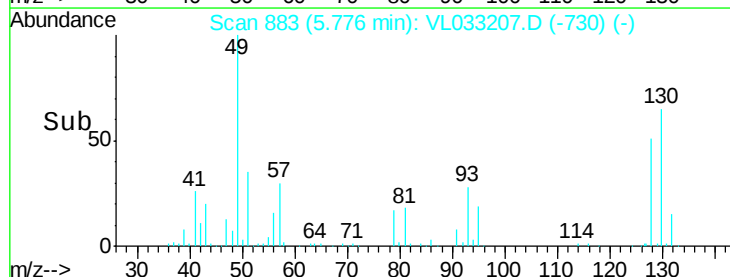
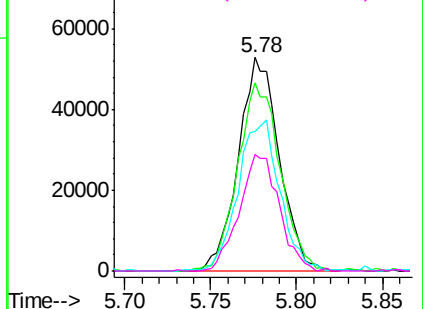


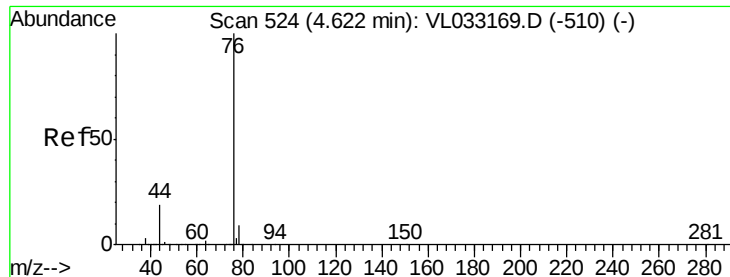
Abundance Ion 57.10 (56.80 to 57.80): VL0

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





#27

Carbon Disulfide

Concen: 0.043 ppbv

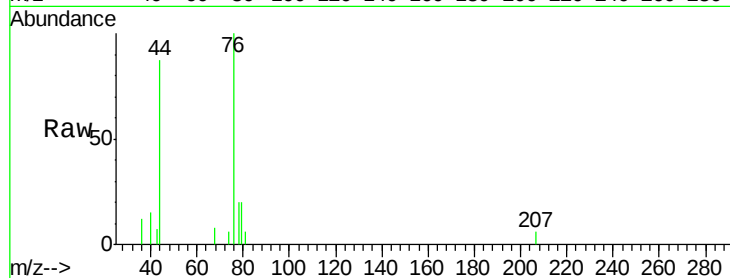
RT: 4.62 min Scan# 523

Delta R.T. -0.00 min

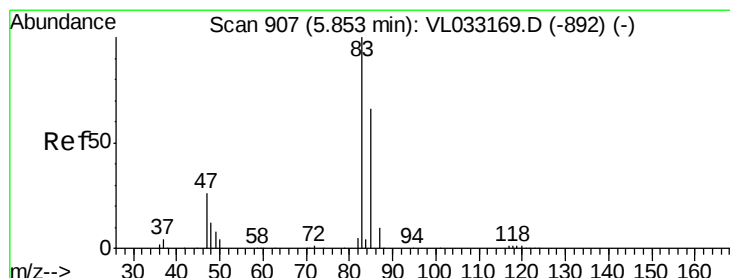
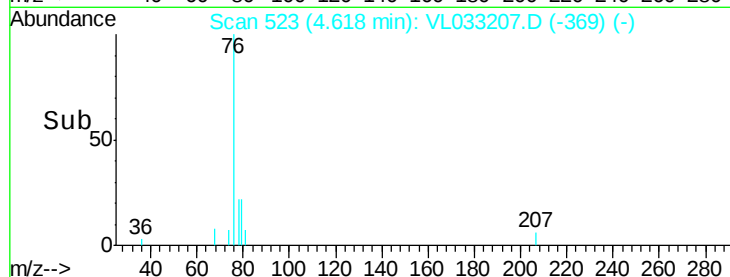
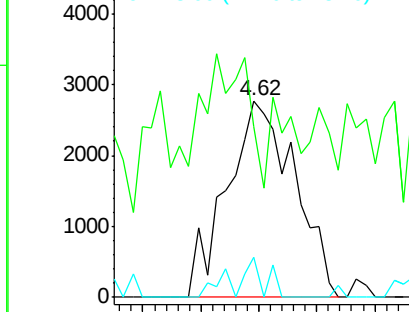
Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion:	76	Resp:	4497
Ion	Ratio	Lower	Upper
76	100		
44	62.0	15.0	22.4#
78	9.1	7.4	11.0



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.092 ppbv

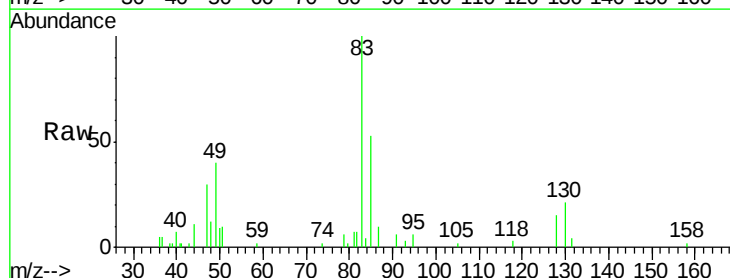
RT: 5.84 min Scan# 904

Delta R.T. -0.01 min

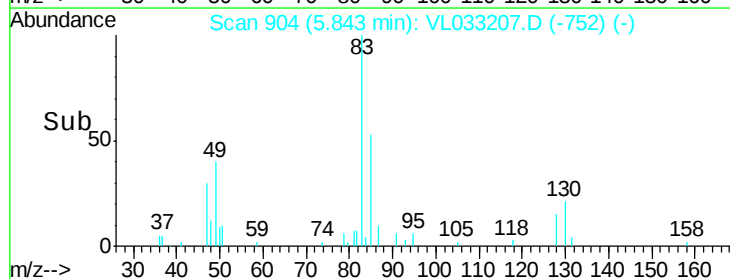
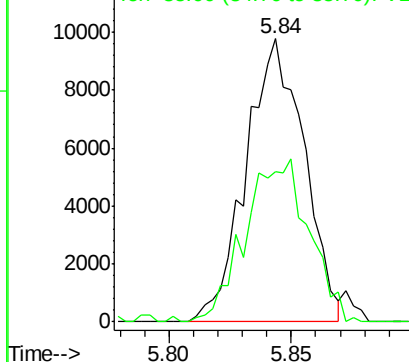
Lab File: VL033207.D

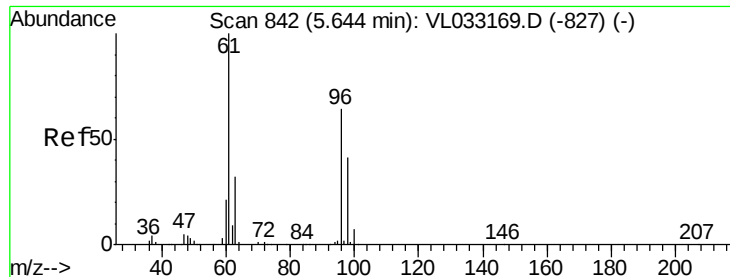
Acq: 14 Feb 2019 20:57

Tgt Ion:	83	Resp:	16175
Ion	Ratio	Lower	Upper
83	100		
85	53.1	52.6	78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

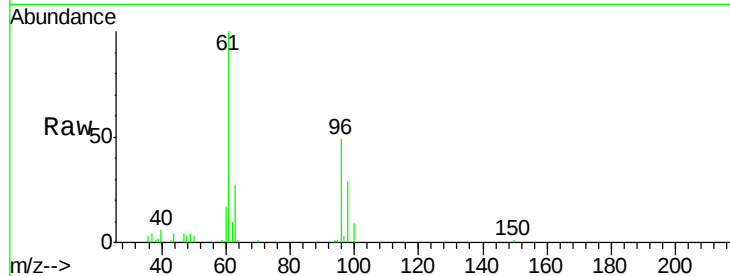




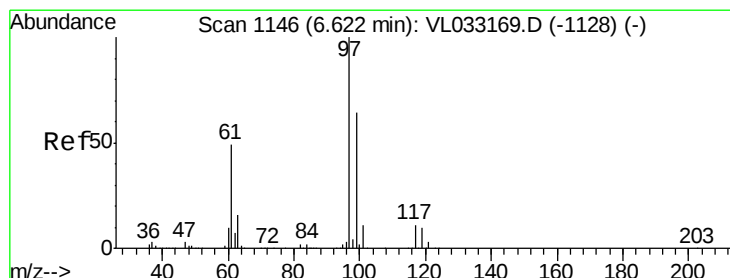
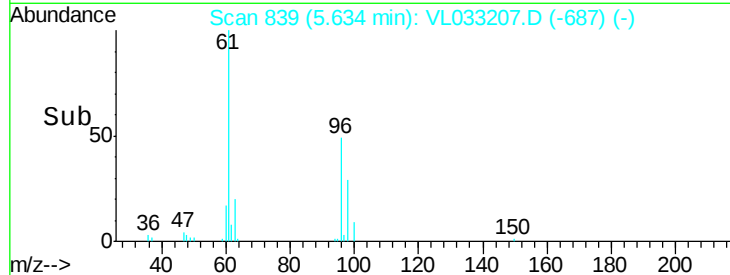
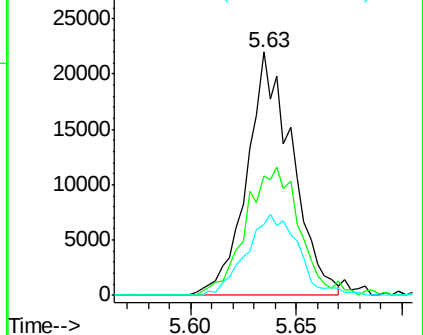
#31

cis-1,2-Dichloroethene
 Concen: 0.286 ppbv
 RT: 5.63 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
61	100		
96	48.8	51.2	76.8#
98	29.0	32.8	49.2#



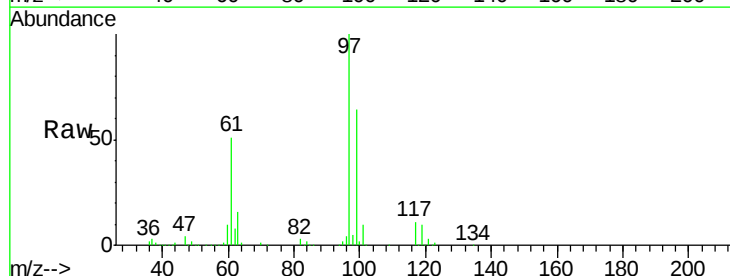
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



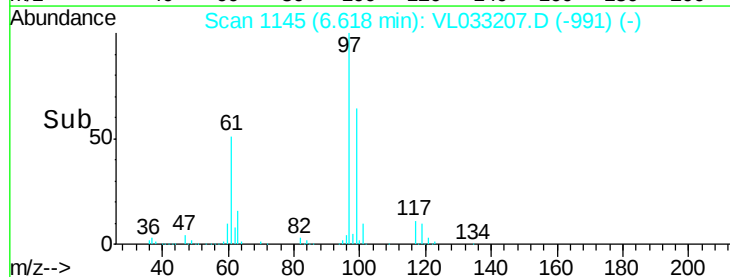
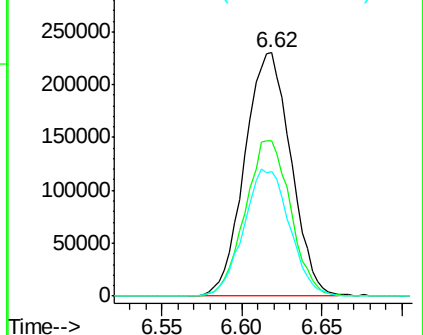
#32

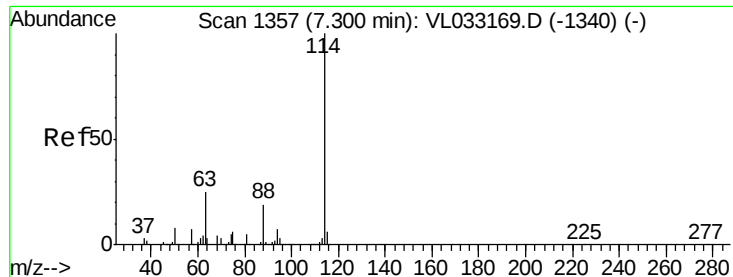
1,1,1-Trichloroethane
 Concen: 2.340 ppbv
 RT: 6.62 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.4	77.2
61	52.0	38.9	58.3



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# 1353

Delta R.T. -0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

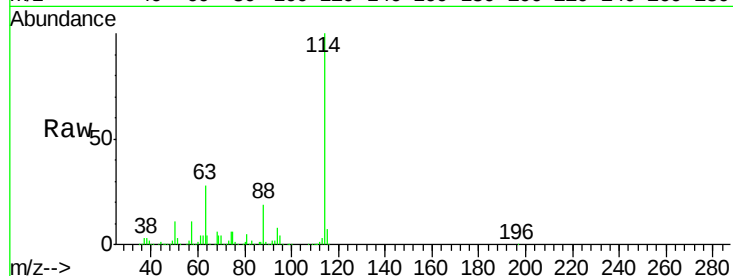
Tgt Ion: 114 Resp: 2113950

Ion Ratio Lower Upper

114 100

63 27.5 20.8 31.2

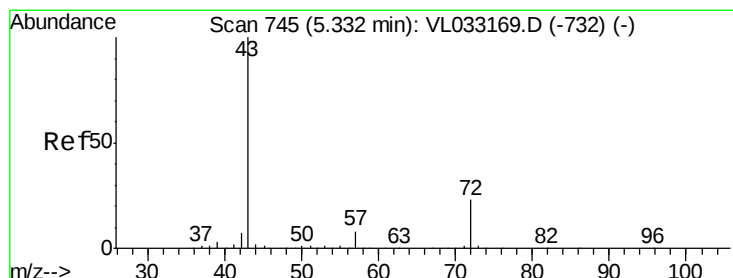
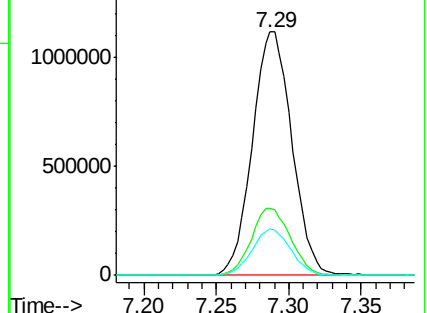
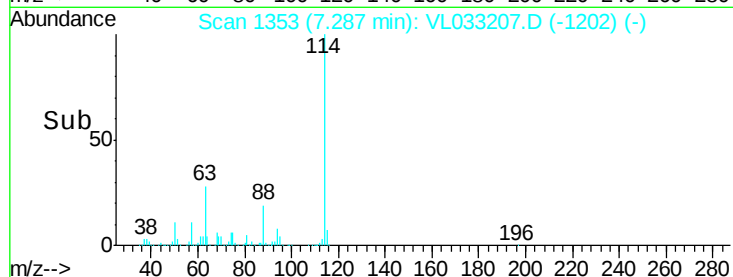
88 18.7 14.6 22.0



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: 0.212 ppbv

RT: 5.34 min Scan# 747

Delta R.T. 0.01 min

Lab File: VL033207.D

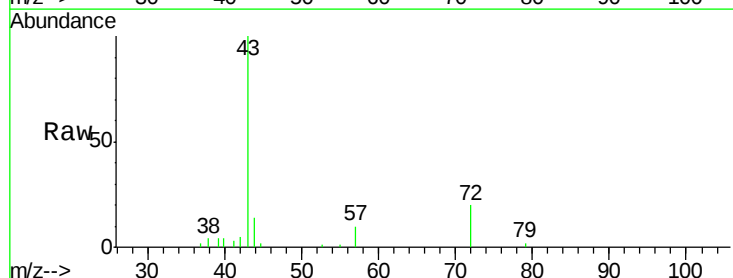
Acq: 14 Feb 2019 20:57

Tgt Ion: 43 Resp: 28381

Ion Ratio Lower Upper

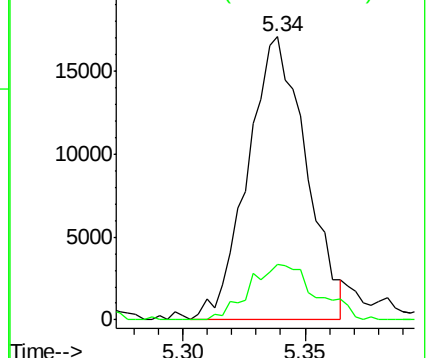
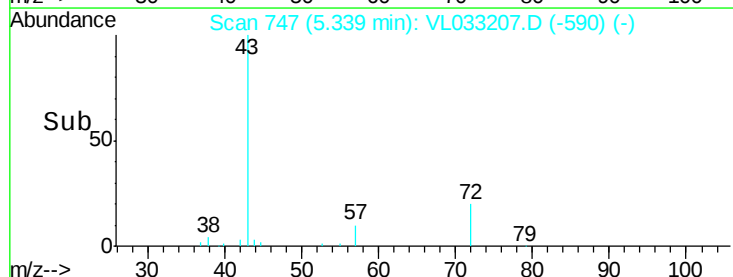
43 100

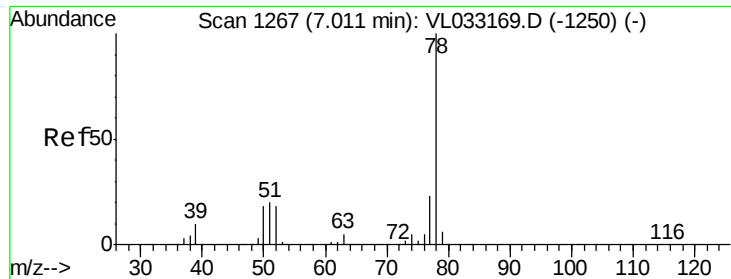
72 22.4 17.8 26.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.142 ppbv

RT: 7.00 min Scan# 1265

Delta R.T. -0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

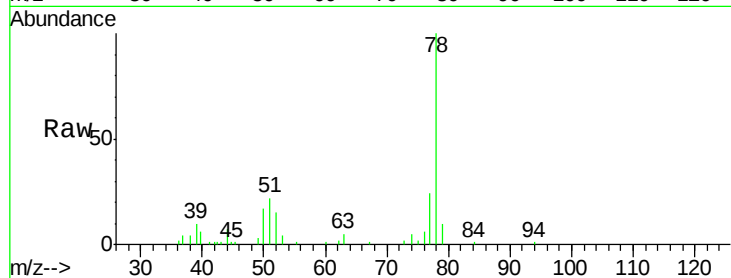
Tgt Ion: 78 Resp: 30328

Ion Ratio Lower Upper

78 100

77 19.8 18.0 27.0

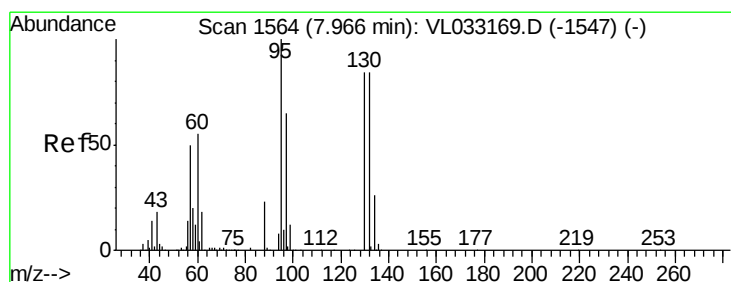
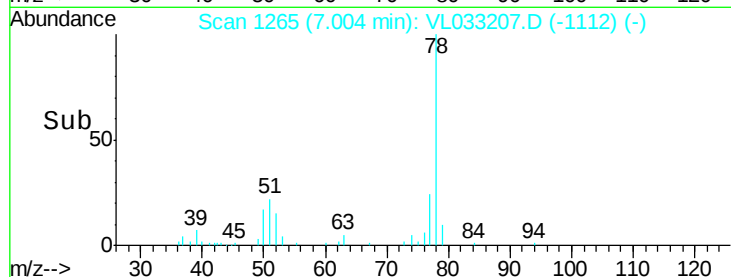
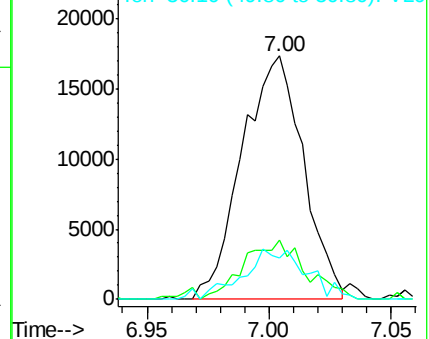
50 14.9 14.2 21.2



Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.662 ppbv

RT: 7.96 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion: 130 Resp: 60721

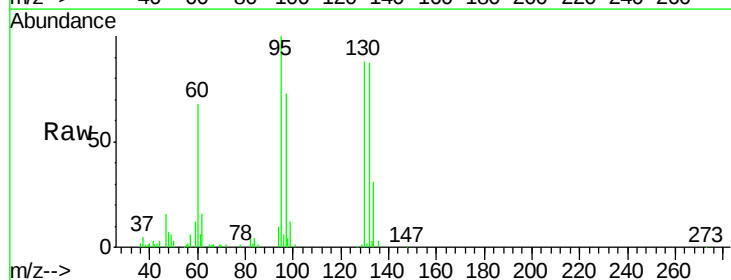
Ion Ratio Lower Upper

130 100

95 113.3 95.5 143.3

132 96.4 80.0 120.0

97 83.8 62.2 93.2

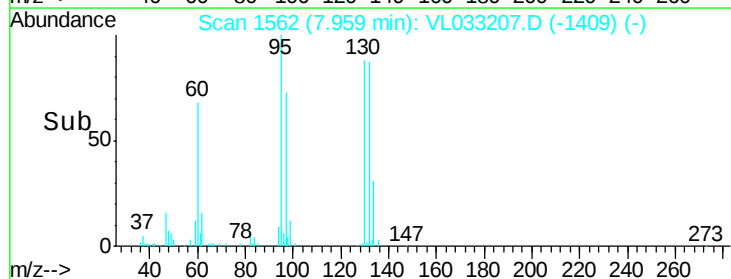
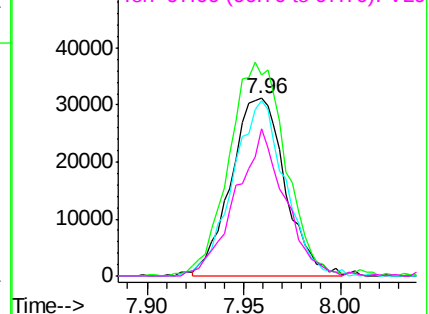


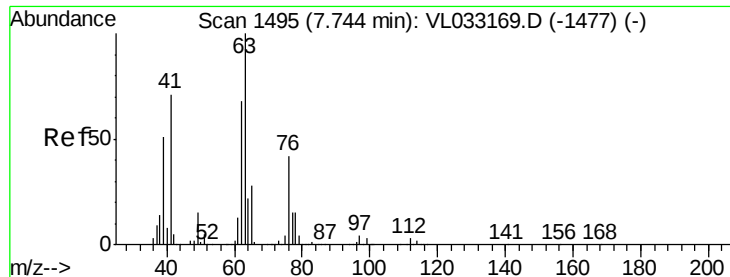
Abundance Ion 130.00 (129.70 to 130.70): V

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





#39

1,2-Dichloropropane

Concen: 6.799 ppbv

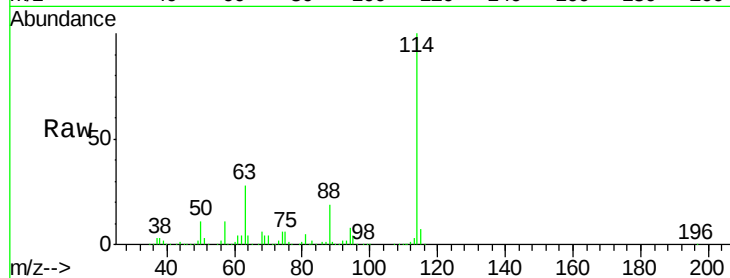
RT: 7.29 min Scan# 1353

Delta R.T. -0.46 min

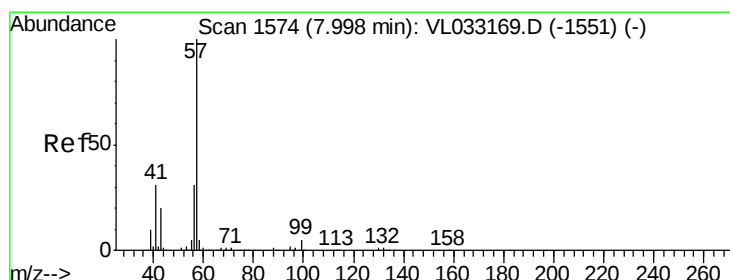
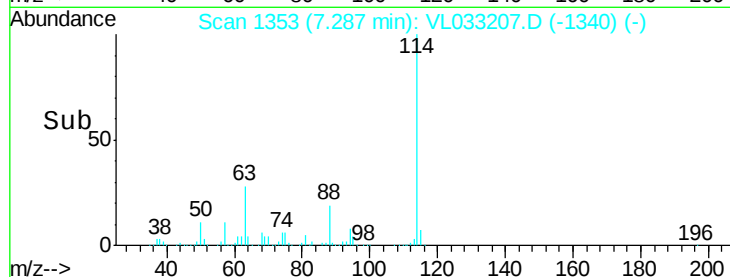
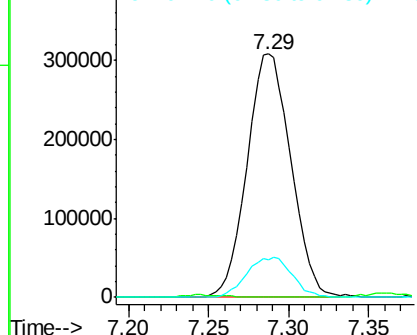
Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion:	63	Resp:	575302
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.4	84.6#
62	15.5	54.2	81.4#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.107 ppbv

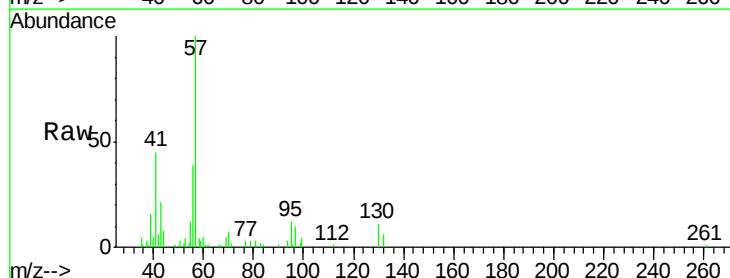
RT: 7.99 min Scan# 1572

Delta R.T. -0.01 min

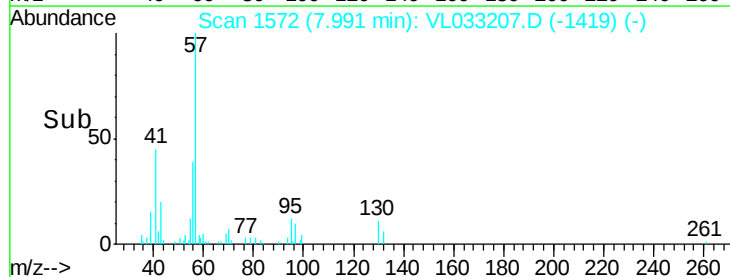
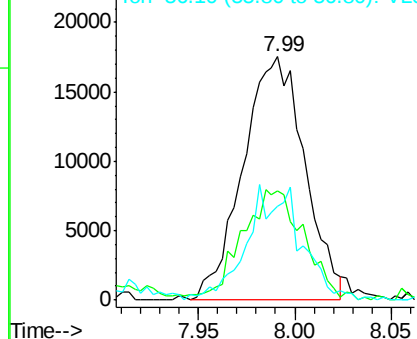
Lab File: VL033207.D

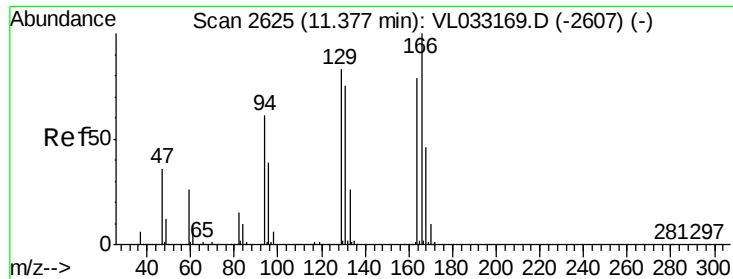
Acq: 14 Feb 2019 20:57

Tgt Ion:	57	Resp:	38862
Ion	Ratio	Lower	Upper
57	100		
41	46.1	25.1	37.7#
56	40.5	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





#52

Tetrachloroethene

Concen: 0.109 ppbv

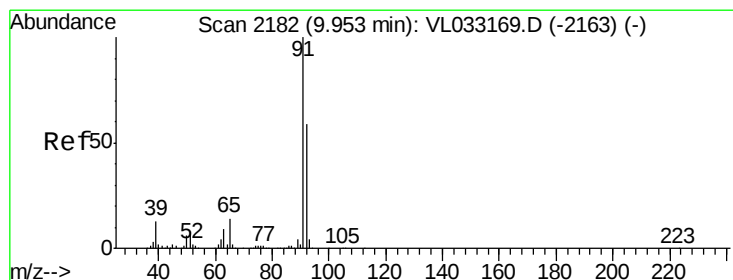
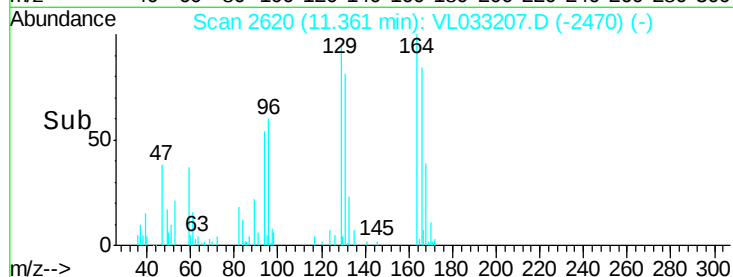
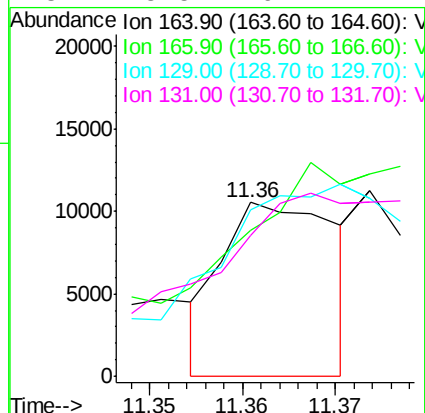
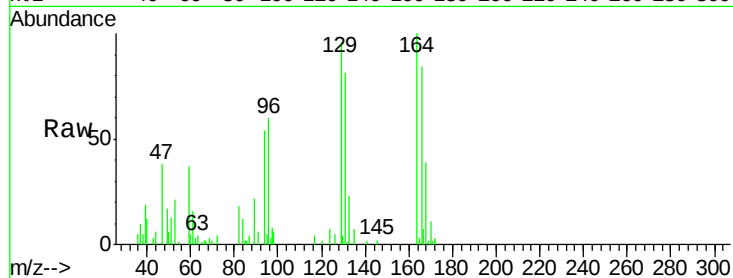
RT: 11.36 min Scan# 2620

Delta R.T. -0.02 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion:	164	Resp:	8950
Ion	Ratio	Lower	Upper
164	100		
166	57.7	100.9	151.3#
129	69.5	83.9	125.9#
131	45.5	76.2	114.2#



#53

Toluene

Concen: 0.209 ppbv

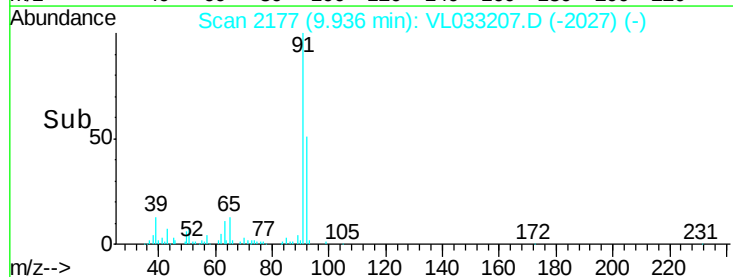
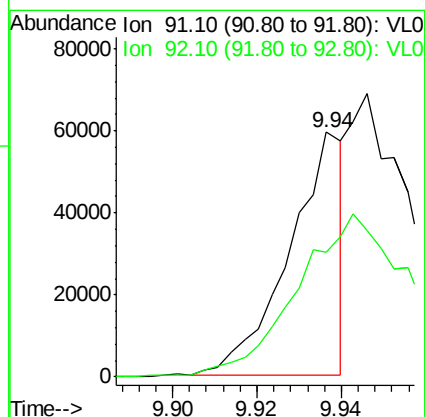
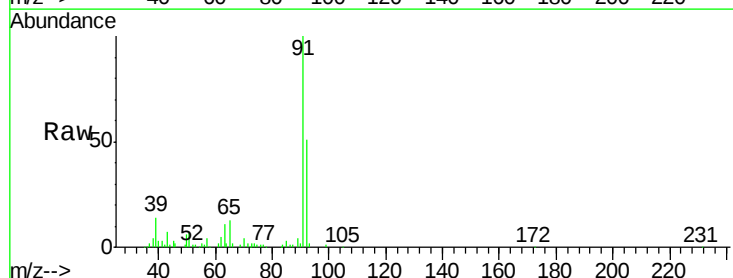
RT: 9.94 min Scan# 2177

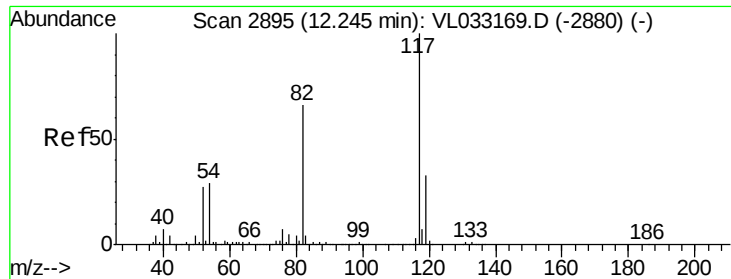
Delta R.T. -0.02 min

Lab File: VL033207.D

Acq: 14 Feb 2019 20:57

Tgt Ion:	91	Resp:	52940
Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.0	72.0#

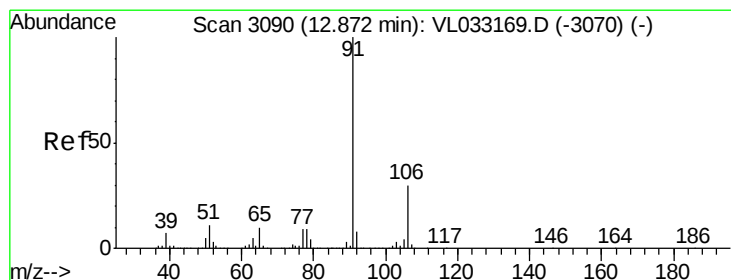
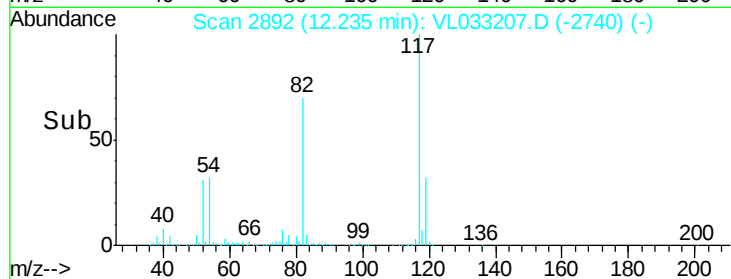
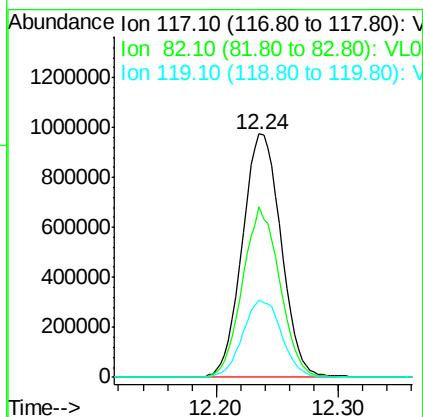
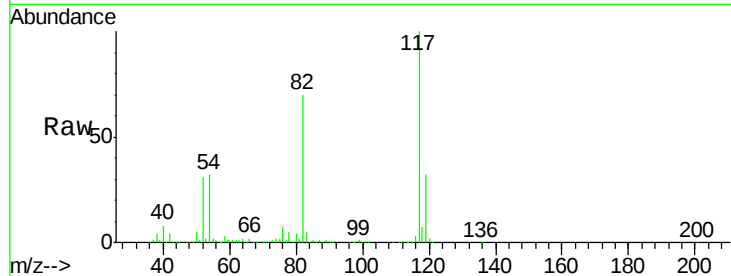




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

Tgt Ion: 117 Resp: 2135182

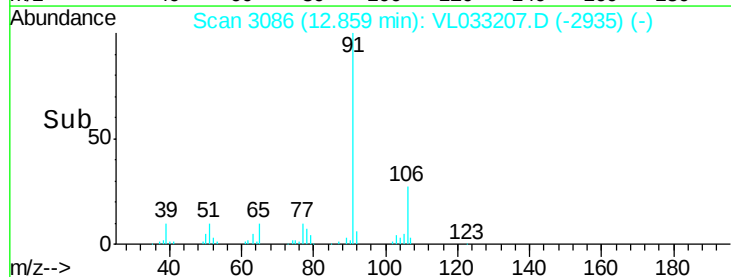
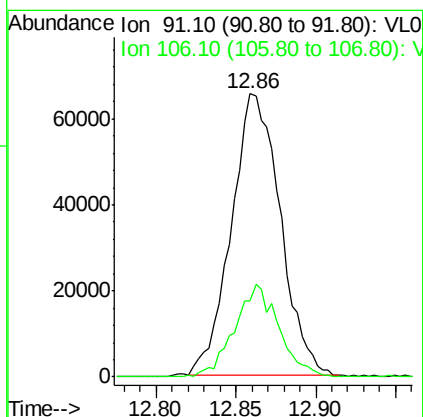
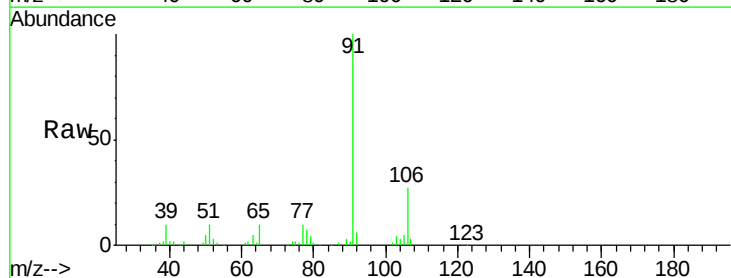
Ion	Ratio	Lower	Upper
117	100		
82	67.8	49.5	74.3
119	31.9	24.4	36.6

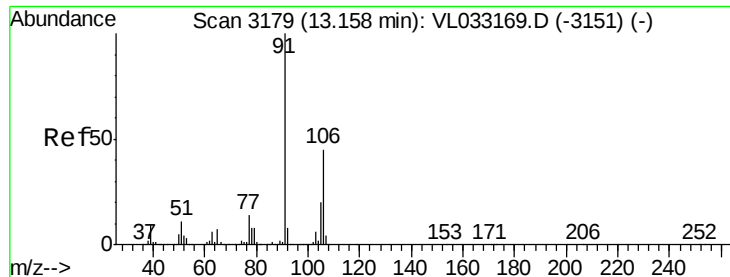


#58
Ethyl Benzene
Concen: 0.393 ppbv
RT: 12.86 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

Tgt Ion: 91 Resp: 135977

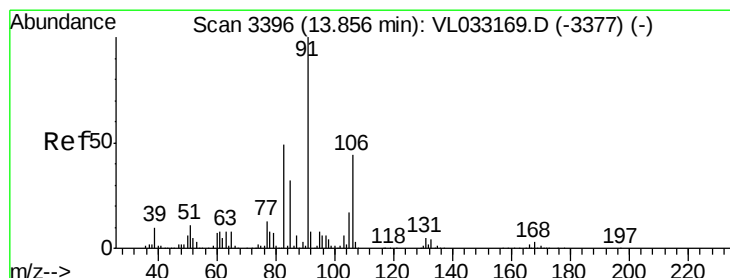
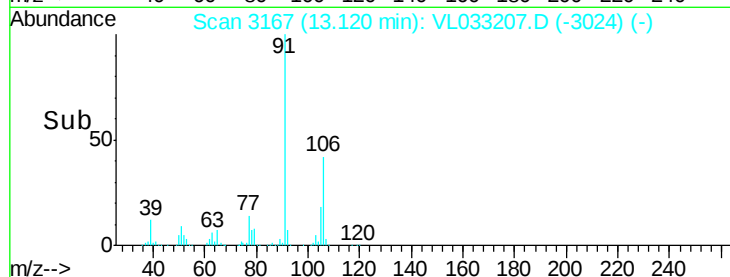
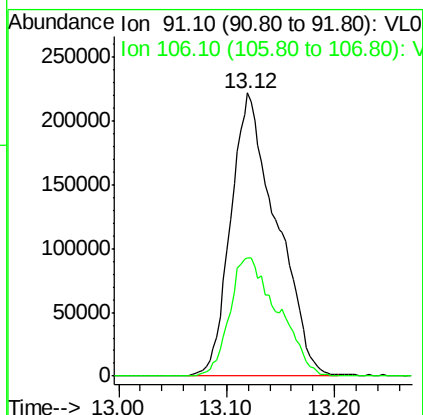
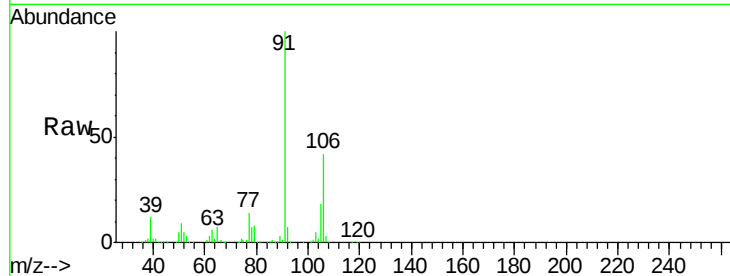
Ion	Ratio	Lower	Upper
91	100		
106	26.9	23.8	35.8





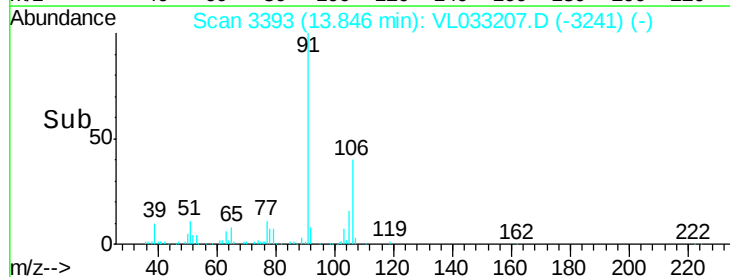
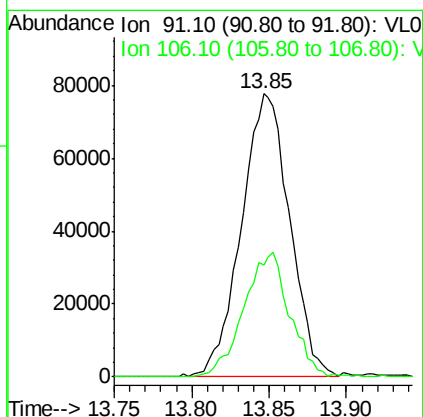
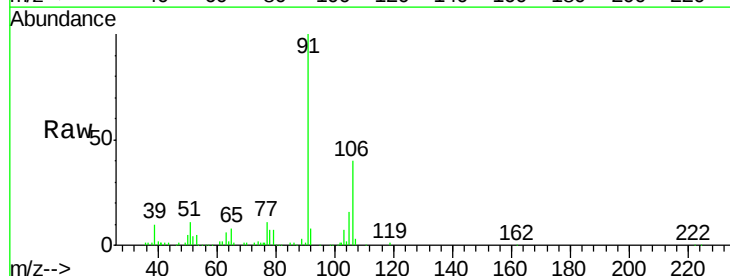
#59
m/p-Xylene
Concen: 2.278 ppbv
RT: 13.12 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

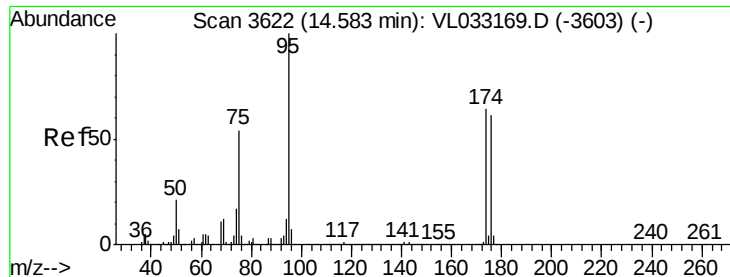
Tgt Ion: 91 Resp: 656814
Ion Ratio Lower Upper
91 100
106 43.9 0.0 0.0#



#60
o-Xylene
Concen: 0.601 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL033207.D
Acq: 14 Feb 2019 20:57

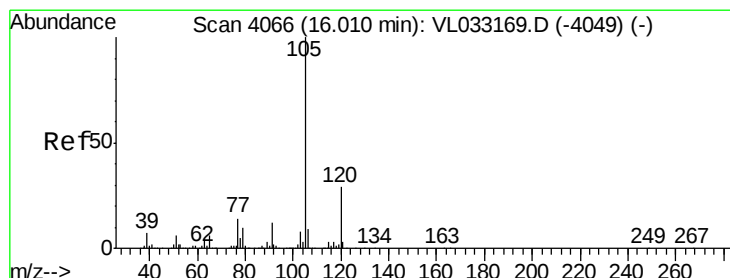
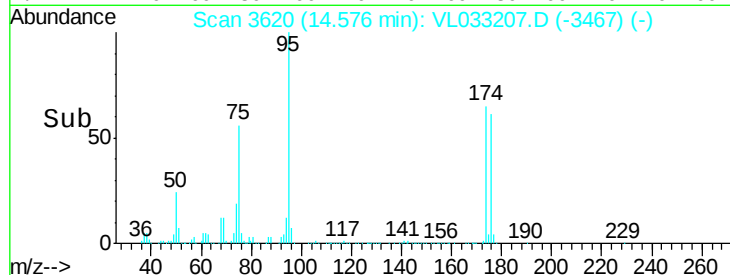
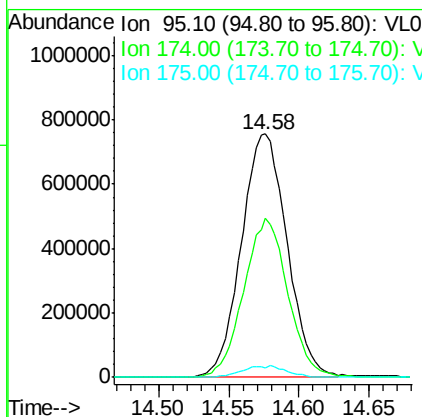
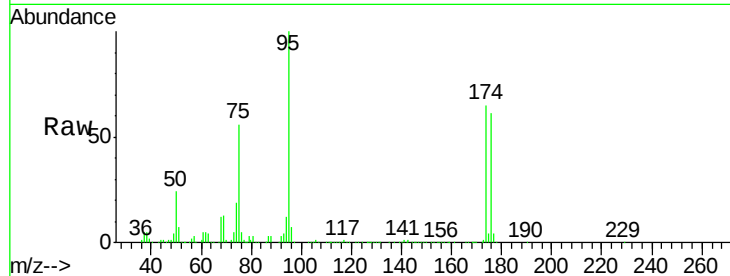
Tgt Ion: 91 Resp: 168653
Ion Ratio Lower Upper
91 100
106 41.8 21.8 65.3





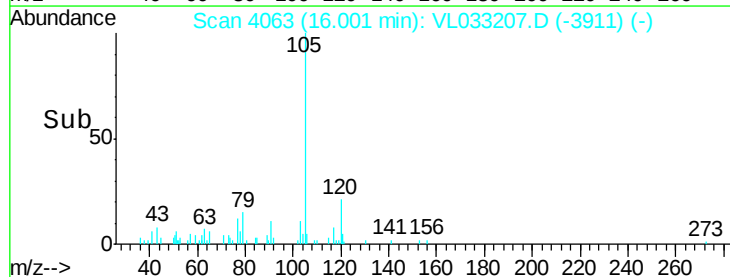
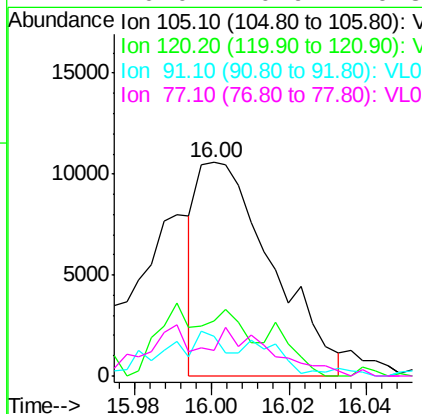
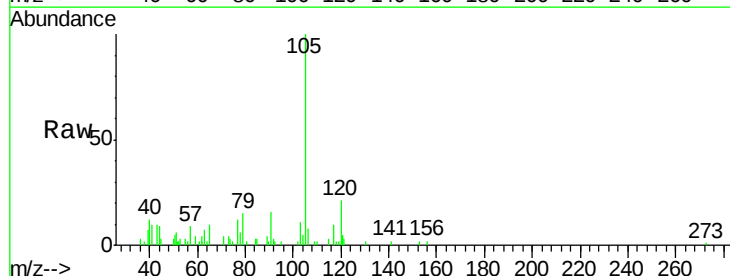
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.401 ppbv
 RT: 14.58 min Scan# 3620
 Delta R.T. -0.01 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

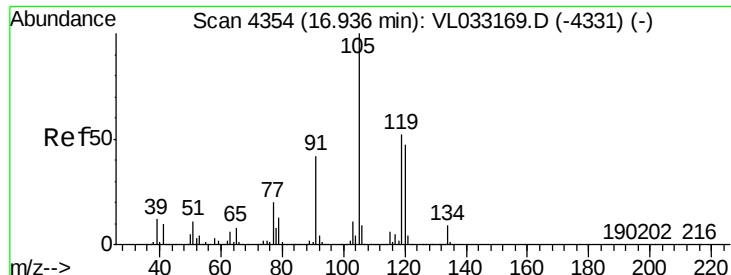
Tgt Ion: 95 Resp: 1710383
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.2 76.8
 175 4.6 3.8 5.6



#72
 4-Ethyltoluene
 Concen: 0.044 ppbv
 RT: 16.00 min Scan# 4063
 Delta R.T. -0.01 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion: 105 Resp: 14114
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.1 34.7#
 91 28.4 9.8 14.6#
 77 0.0 10.9 16.3#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.166 ppbv
 RT: 16.92 min Scan# 4349
 Delta R.T. -0.02 min
 Lab File: VL033207.D
 Acq: 14 Feb 2019 20:57

Tgt Ion:	105	Resp:	53112
Ion	Ratio	Lower	Upper
105	100		
120	37.0	37.9	56.9#
91	19.2	34.0	51.0#
77	14.9	15.7	23.5#

