

Data File : VL032808.D
Acq On : 27 Nov 2018 14:14
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 28 03:13:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.78	49	1412555	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	3827229	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.26	117	3613531	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.60	95	2650387	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	1976628	9.735	ppbv	99
3) Chlorodifluoromethane	3.02	51	1103146	9.851	ppbv	99
4) Chloromethane	3.18	50	617921	9.951	ppbv	98
5) Vinyl Chloride	3.30	62	638181	9.699	ppbv	96
6) Bromomethane	3.53	94	420418	10.445	ppbv	90
7) Chloroethane	3.61	64	237492	10.014	ppbv	94
8) Dichlorotetrafluoroethane	3.23	85	1552660	9.704	ppbv	97
9) Propene	3.05	41	471845	10.529	ppbv	100
10) Heptane	8.26	43	1809390	10.575	ppbv	98
11) Trichlorofluoromethane	4.01	101	1721266	8.995	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.56	101	1688538	10.803	ppbv	96
13) Ethanol	3.66	45	101504	6.915	ppbv	99
14) Bromoethene	3.80	108	529773	10.217	ppbv	98
15) Acetone	3.91	43	1103090	8.551	ppbv	99
16) 1,3-Butadiene	3.37	39	504373	10.096	ppbv	90
17) tert-Butyl alcohol	4.37	59	472681	11.683	ppbv	99
18) 1,1-Dichloroethene	4.36	96	838432	10.909	ppbv	98
19) Isopropyl Alcohol	4.03	45	762787	8.876	ppbv	100
20) Methylene Chloride	4.42	84	733588	10.985	ppbv	95
21) Allyl Chloride	4.49	41	1290419	11.904	ppbv	99
22) trans-1,2-Dichloroethene	4.98	96	840099	11.194	ppbv	95
23) Vinyl Acetate	5.17	43	2713353	11.539	ppbv	98
24) 1,1-Dichloroethane	5.11	63	2026586	10.840	ppbv	100
25) Ethyl Acetate	5.78	43	3083248	10.255	ppbv	100
26) Hexane	5.79	57	1443067	10.782	ppbv	99
27) Carbon Disulfide	4.63	76	1935865	11.407	ppbv	98
28) Methyl tert-Butyl Ether	5.13	73	2435863	11.413	ppbv	100
29) Chloroform	5.87	83	2373042	9.948	ppbv	96
30) Cyclohexane	7.26	84	1338254	11.432	ppbv	98
31) cis-1,2-Dichloroethene	5.66	61	1509706	11.220	ppbv	99
32) 1,1,1-Trichloroethane	6.64	97	2502412	9.571	ppbv	99
34) 2-Butanone	5.34	43	2015200	10.152	ppbv	99
35) Carbon Tetrachloride	7.15	117	2786653	9.057	ppbv	98
36) Benzene	7.02	78	3141853	10.309	ppbv	99
37) 1,2-Dichloroethane	6.43	62	1936688	9.440	ppbv	99
38) Trichloroethene	7.98	130	1312254	10.640	ppbv	97
39) 1,2-Dichloropropane	7.75	63	1180123	10.163	ppbv	96
40) 1,4-Dioxane	7.97	88	390738	9.421	ppbv #	1
41) Tetrahydrofuran	6.17	42	1237432	10.868	ppbv	99
42) Bromodichloromethane	7.93	83	2735180	9.835	ppbv	99
43) Methyl Methacrylate	8.15	69	1203695	10.579	ppbv	99

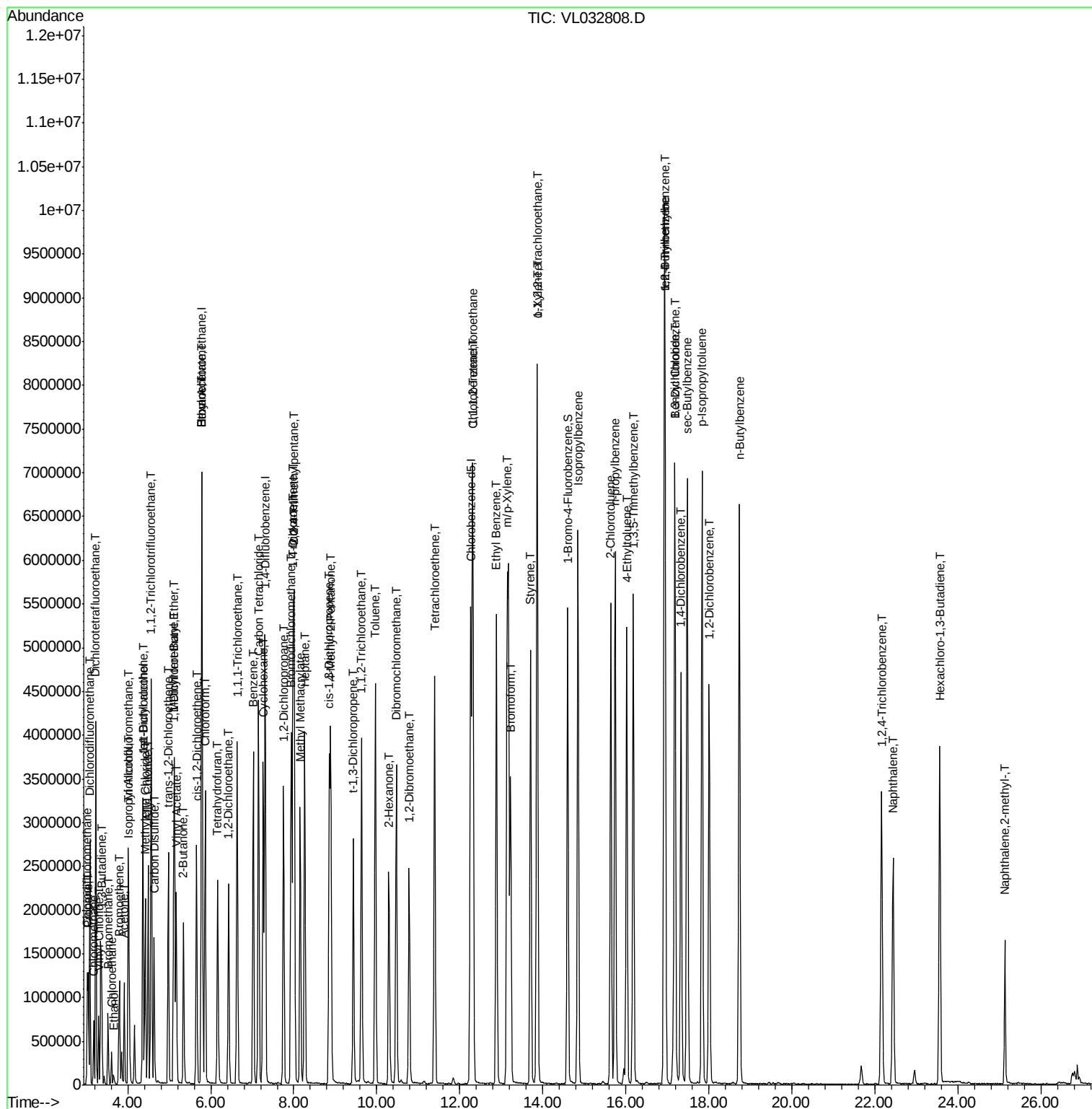
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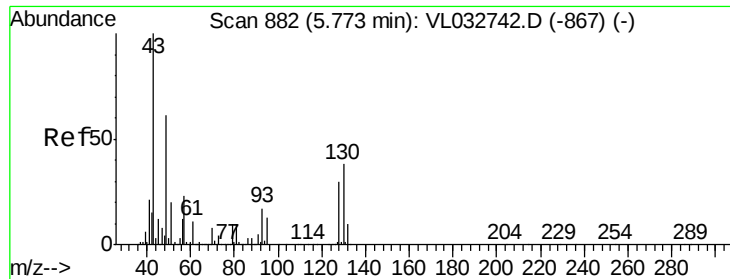
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	8.01	57	5248239	10.305	ppbv	99
45) t-1,3-Dichloropropene	9.44	75	1666786	10.917	ppbv	99
46) cis-1,3-Dichloropropene	8.85	75	2107852	11.428	ppbv	97
47) 1,1,2-Trichloroethane	9.63	97	1413585	10.295	ppbv	99
48) Dibromochloromethane	10.47	129	2313378	9.913	ppbv	100
49) Bromoform	13.22	173	2087607	10.832	ppbv	99
50) 4-Methyl-2-Pentanone	8.89	43	3218968	10.382	ppbv	99
51) 2-Hexanone	10.29	43	2225223	11.140	ppbv #	100
52) Tetrachloroethene	11.39	164	1157487	10.918	ppbv	97
53) Toluene	9.97	91	3703146	11.647	ppbv	99
54) 1,2-Dibromoethane	10.78	107	2082153	10.728	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.30	131	1700716	10.091	ppbv	99
57) Chlorobenzene	12.32	112	2822096	10.202	ppbv	99
58) Ethyl Benzene	12.88	91	4955966	11.396	ppbv	100
59) m/p-Xylene	13.15	91	4113053	10.624	ppbv #	31
60) o-Xylene	13.87	91	3990497	10.251	ppbv	99
61) Styrene	13.70	104	3052368	12.046	ppbv	98
62) Isopropylbenzene	14.85	105	5757702	10.943	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.86	83	2776733	9.151	ppbv	100
64) n-propylbenzene	15.74	120	1484441	10.726	ppbv	95
65) tert-Butylbenzene	16.93	119	5088817	10.789	ppbv	98
66) Benzyl Chloride	17.17	91	2835009	10.872	ppbv	99
67) sec-Butylbenzene	17.48	105	7068268	10.399	ppbv	99
69) p-Isopropyltoluene	17.83	119	5739702	10.620	ppbv	99
70) n-Butylbenzene	18.73	91	5699992	10.387	ppbv	99
71) 2-Chlorotoluene	15.64	91	4271405	10.886	ppbv	98
72) 4-Ethyltoluene	16.02	105	4644107	10.885	ppbv	98
73) 1,3,5-Trimethylbenzene	16.18	105	4410778	10.573	ppbv	99
74) 1,2,4-Trimethylbenzene	16.95	105	4456638	9.983	ppbv	97
75) 1,3-Dichlorobenzene	17.18	146	2515674	9.824	ppbv	99
76) 1,4-Dichlorobenzene	17.33	146	2472894	10.339	ppbv	100
77) 1,2-Dichlorobenzene	18.01	146	2425131	10.237	ppbv	99
78) Hexachloro-1,3-Butadiene	23.56	225	1016833	7.953	ppbv	99
79) Naphthalene	22.44	128	3279215	11.182	ppbv	98
80) Naphthalene,2-methyl-	25.13	142	819198	11.154	ppbv	99
81) 1,2,4-Trichlorobenzene	22.16	180	1608697	10.924	ppbv	99

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.78 min Scan# 883

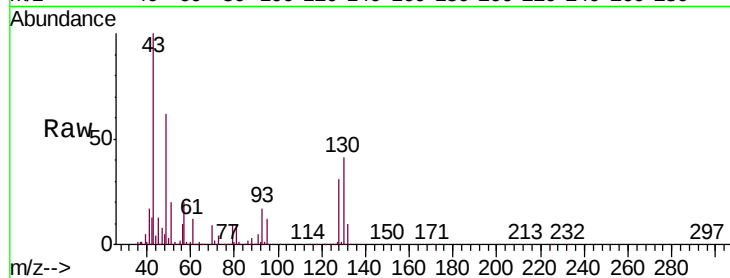
Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 49 Resp: 1412555

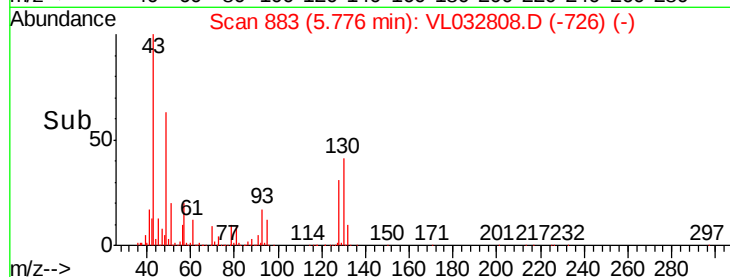
Ion	Ratio	Lower	Upper
49	100		
128	52.6	24.9	74.6
130	67.0	31.4	94.2



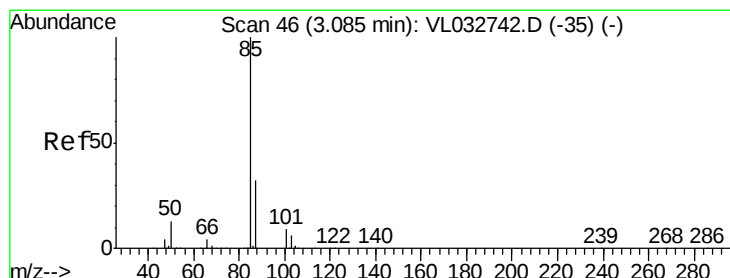
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time--> 5.70 5.75 5.80 5.85



#2

Dichlorodifluoromethane

Concen: 9.735 ppbv

RT: 3.08 min Scan# 46

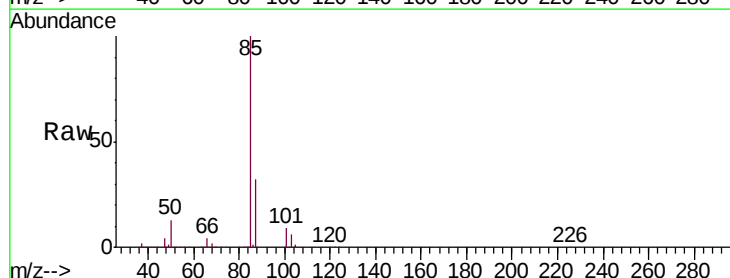
Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

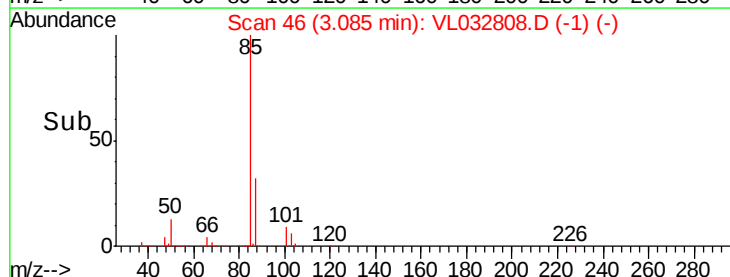
Tgt Ion: 85 Resp: 1976628

Ion	Ratio	Lower	Upper
85	100		
87	32.2	26.0	39.0

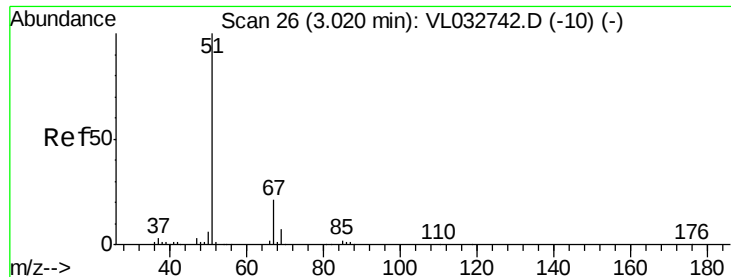


Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0



Time--> 3.05 3.10 3.15



#3

Chlorodifluoromethane

Concen: 9.851 ppbv

RT: 3.02 min Scan# 27

Delta R.T. 0.00 min

Lab File: VL032808.D

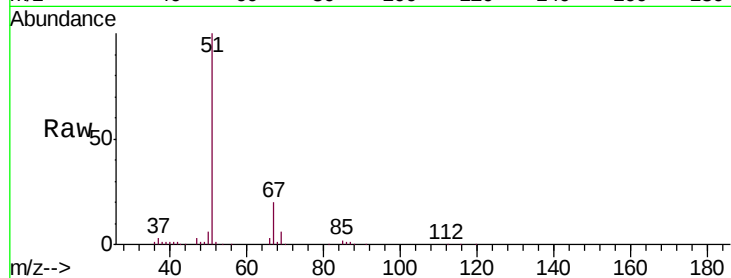
Acq: 27 Nov 2018 14:14

Tgt Ion: 51 Resp: 1103146

Ion Ratio Lower Upper

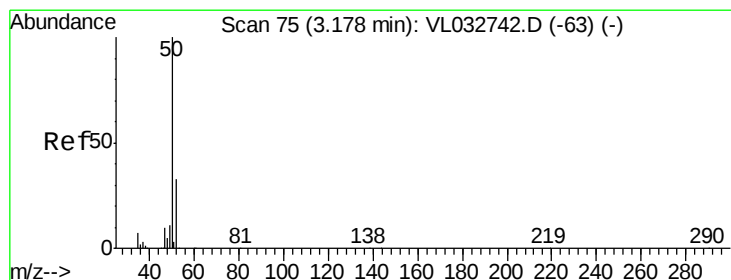
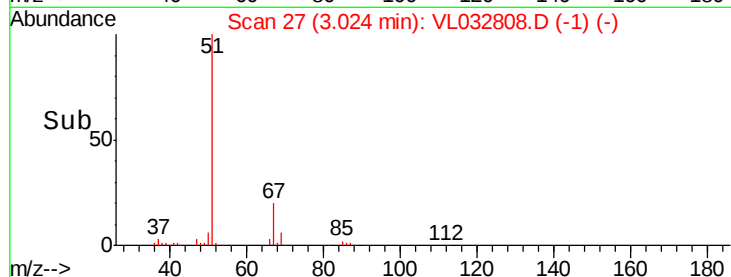
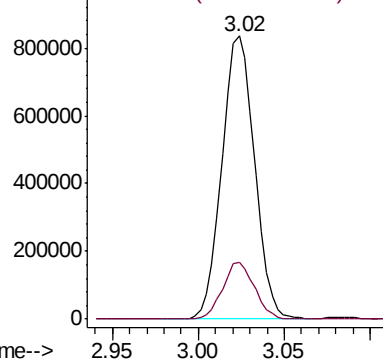
51 100

67 19.7 16.1 24.1



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 9.951 ppbv

RT: 3.18 min Scan# 75

Delta R.T. 0.00 min

Lab File: VL032808.D

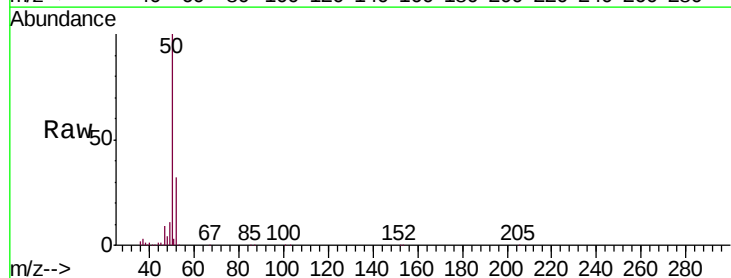
Acq: 27 Nov 2018 14:14

Tgt Ion: 50 Resp: 617921

Ion Ratio Lower Upper

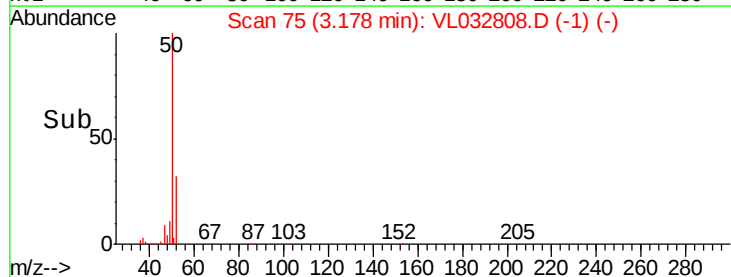
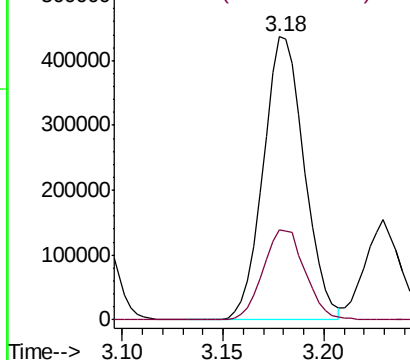
50 100

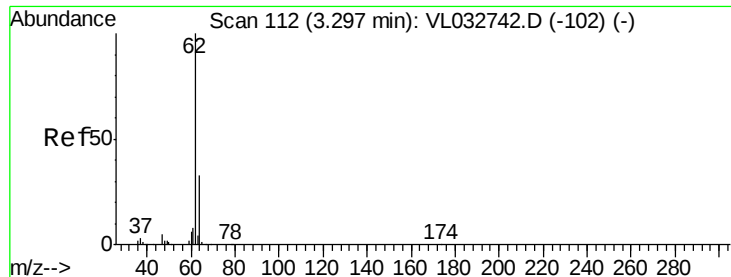
52 32.0 26.6 40.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.699 ppbv

RT: 3.30 min Scan# 113

Delta R.T. 0.00 min

Lab File: VL032808.D

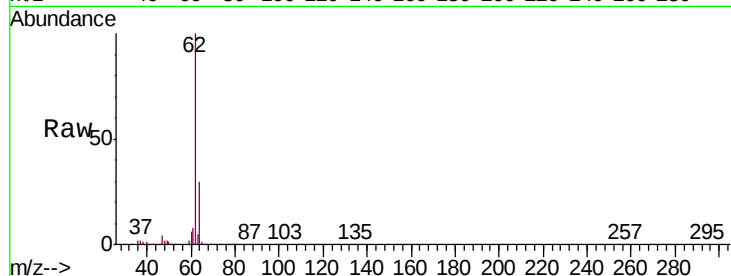
Acq: 27 Nov 2018 14:14

Tgt Ion: 62 Resp: 638181

Ion Ratio Lower Upper

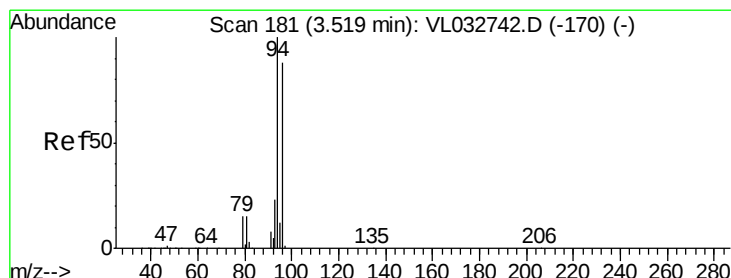
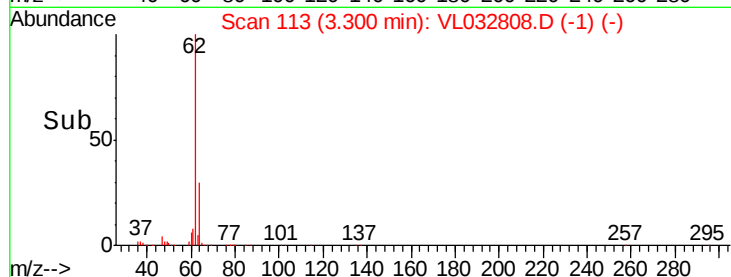
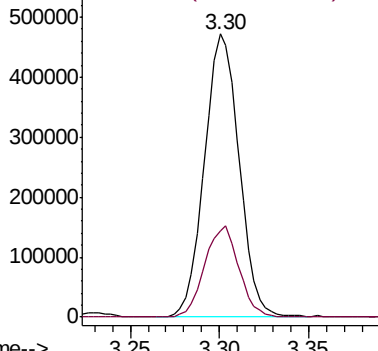
62 100

64 30.3 26.2 39.4



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 10.445 ppbv

RT: 3.53 min Scan# 183

Delta R.T. 0.01 min

Lab File: VL032808.D

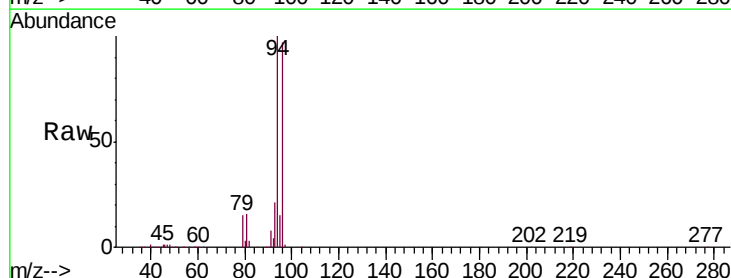
Acq: 27 Nov 2018 14:14

Tgt Ion: 94 Resp: 420418

Ion Ratio Lower Upper

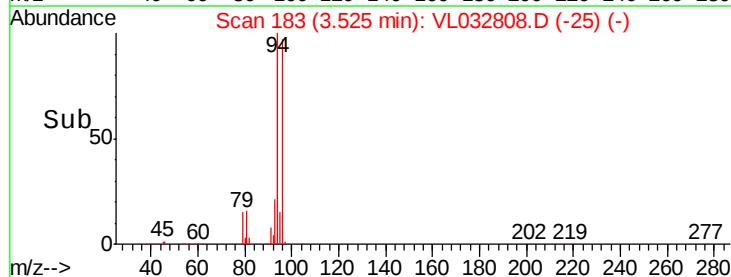
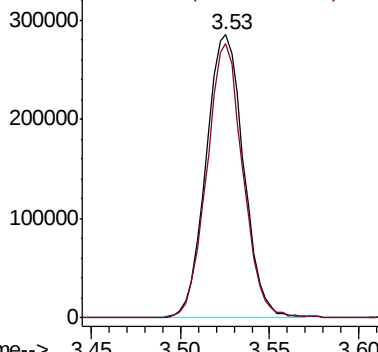
94 100

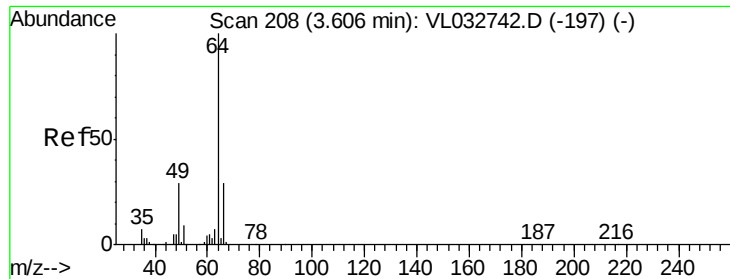
96 96.9 70.2 105.2



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.014 ppbv

RT: 3.61 min Scan# 210

Delta R.T. 0.01 min

Lab File: VL032808.D

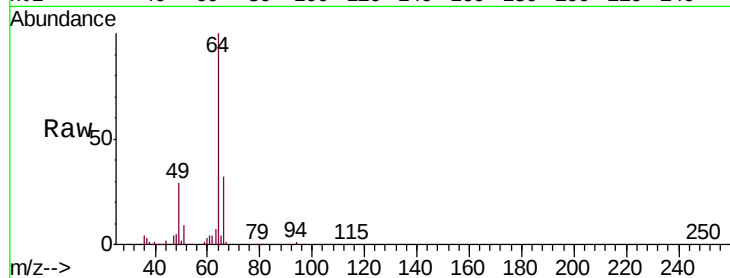
Acq: 27 Nov 2018 14:14

Tgt Ion: 64 Resp: 237492

Ion Ratio Lower Upper

64 100

66 32.3 23.2 34.8



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

200000

150000

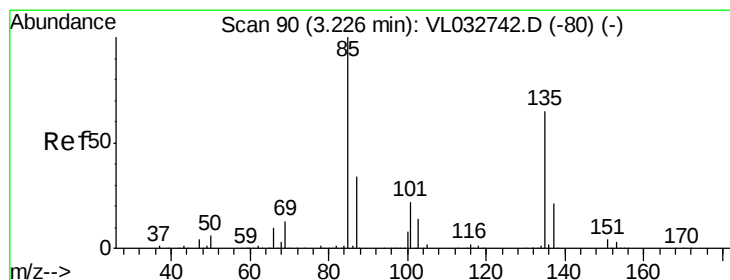
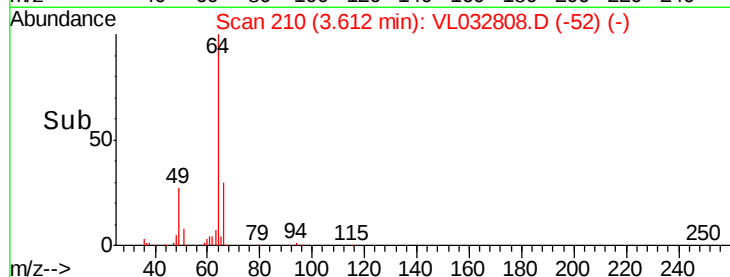
100000

50000

0

3.55 3.60 3.65

Time-->



#8

Dichlorotetrafluoroethane

Concen: 9.704 ppbv

RT: 3.23 min Scan# 91

Delta R.T. 0.00 min

Lab File: VL032808.D

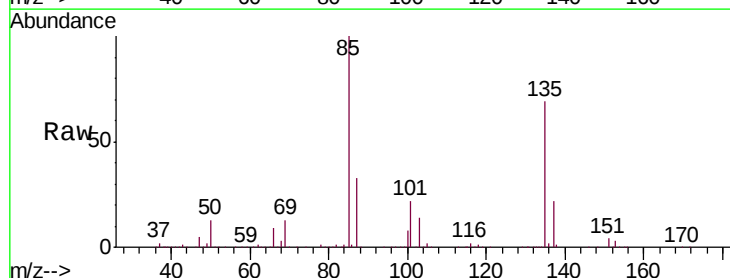
Acq: 27 Nov 2018 14:14

Tgt Ion: 85 Resp: 1552660

Ion Ratio Lower Upper

85 100

135 70.0 53.8 80.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

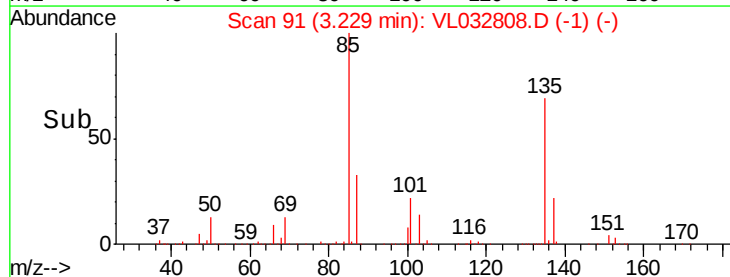
1000000

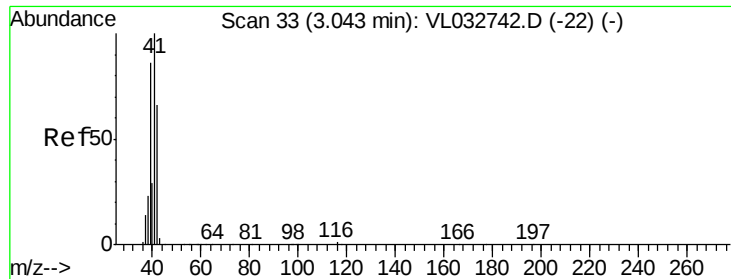
500000

0

3.20 3.25 3.30

Time-->





#9

Propene

Concen: 10.529 ppbv

RT: 3.05 min Scan# 34

Delta R.T. 0.00 min

Lab File: VL032808.D

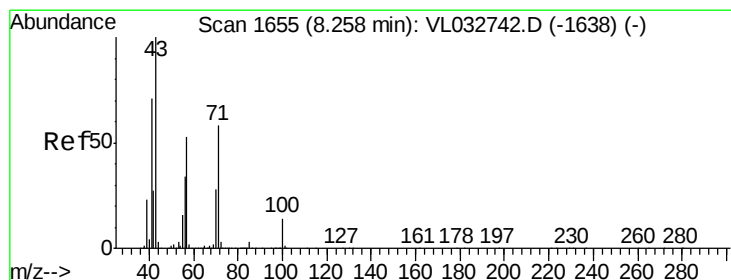
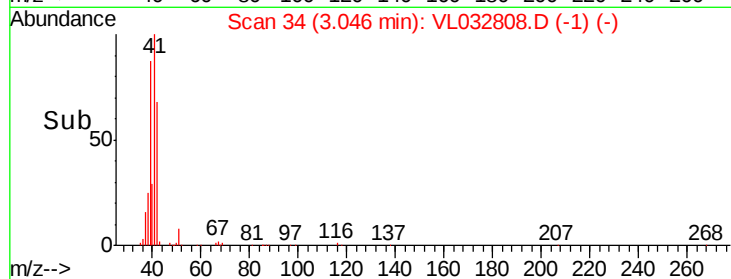
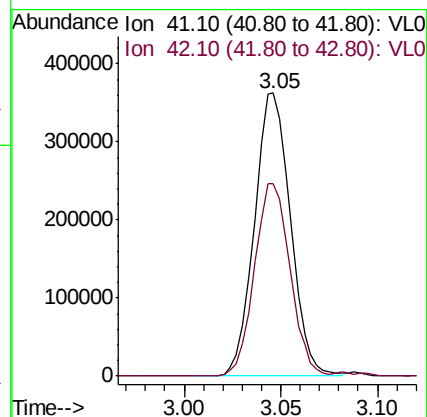
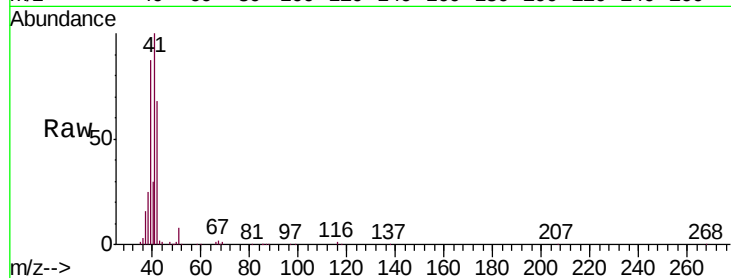
Acq: 27 Nov 2018 14:14

Tgt Ion: 41 Resp: 471845

Ion Ratio Lower Upper

41 100

42 68.7 55.0 82.6



#10

Heptane

Concen: 10.575 ppbv

RT: 8.26 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VL032808.D

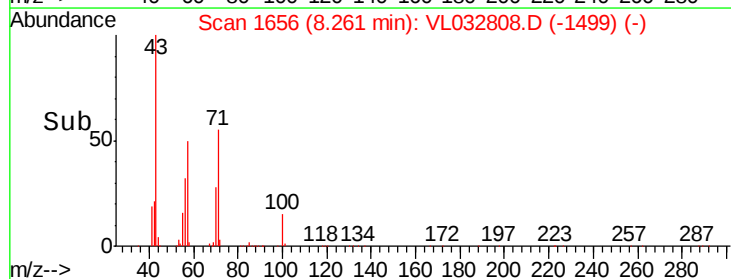
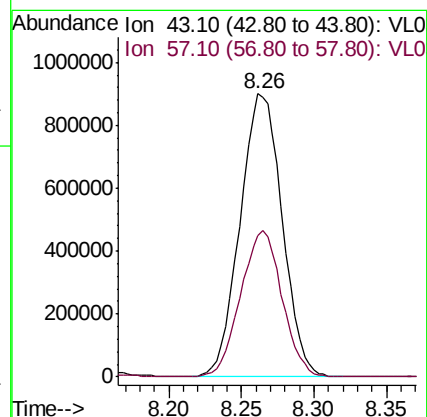
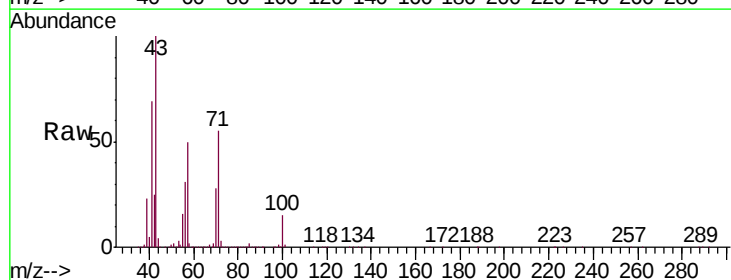
Acq: 27 Nov 2018 14:14

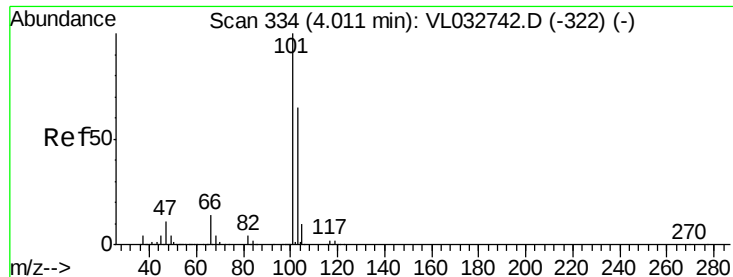
Tgt Ion: 43 Resp: 1809390

Ion Ratio Lower Upper

43 100

57 50.8 41.8 62.8





#11

Trichlorofluoromethane

Concen: 8.995 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL032808.D

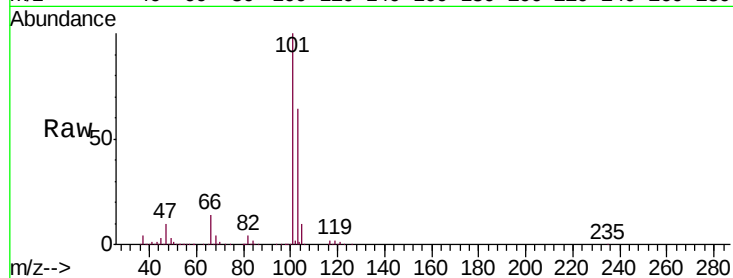
Acq: 27 Nov 2018 14:14

Tgt Ion:101 Resp: 1721266

Ion Ratio Lower Upper

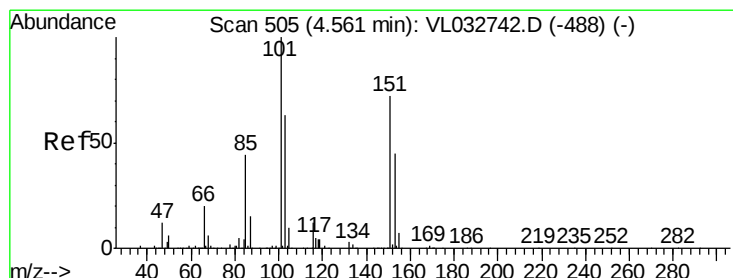
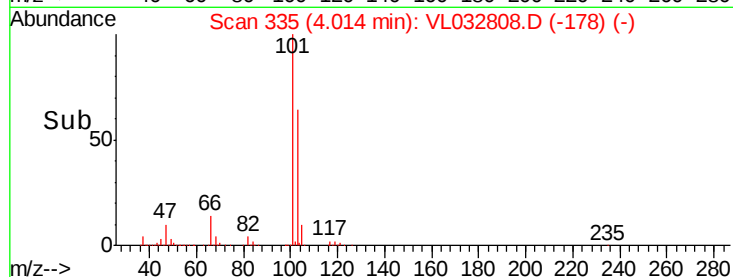
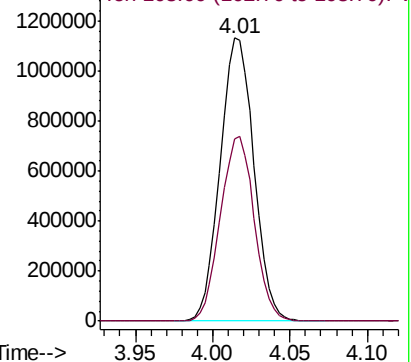
101 100

103 64.4 51.6 77.4



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: 10.803 ppbv

RT: 4.56 min Scan# 506

Delta R.T. 0.00 min

Lab File: VL032808.D

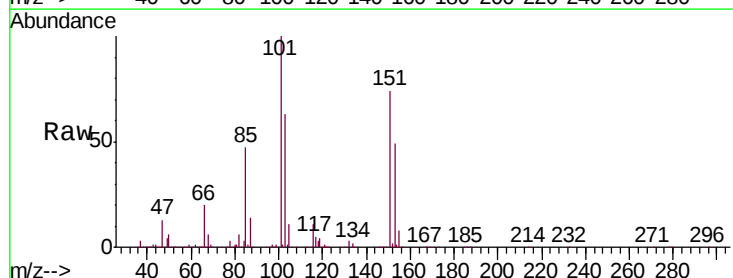
Acq: 27 Nov 2018 14:14

Tgt Ion:101 Resp: 1688538

Ion Ratio Lower Upper

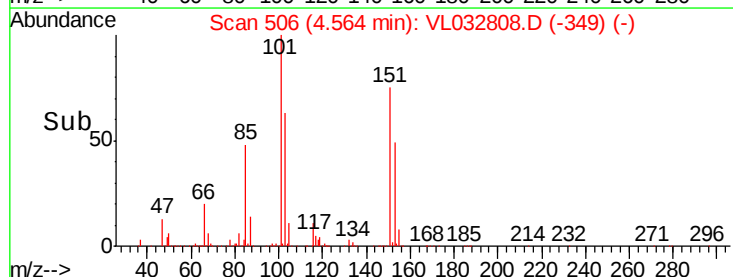
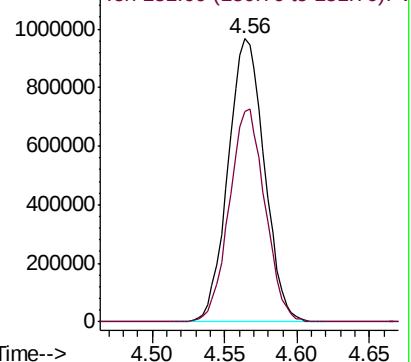
101 100

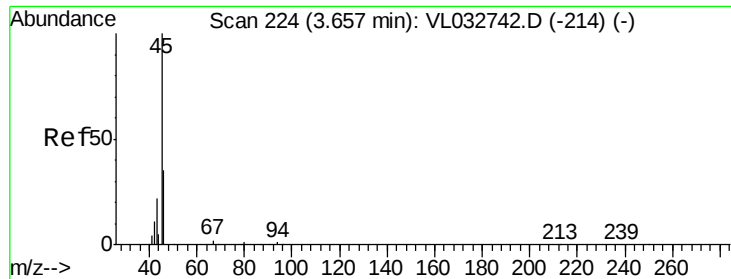
151 74.2 56.7 85.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 6.915 ppbv

RT: 3.66 min Scan# 225

Delta R.T. 0.00 min

Lab File: VL032808.D

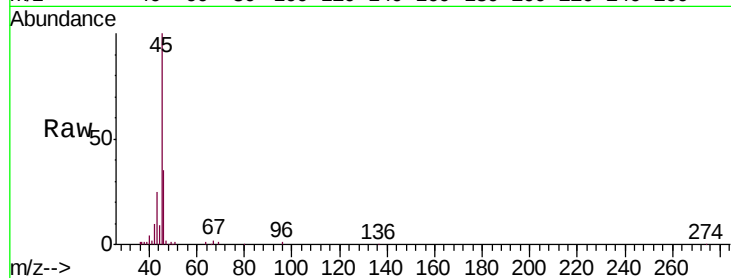
Acq: 27 Nov 2018 14:14

Tgt Ion: 45 Resp: 101504

Ion Ratio Lower Upper

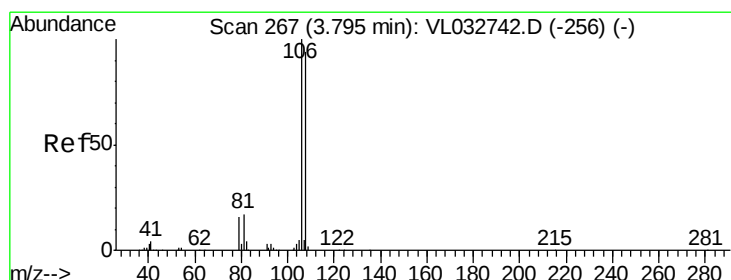
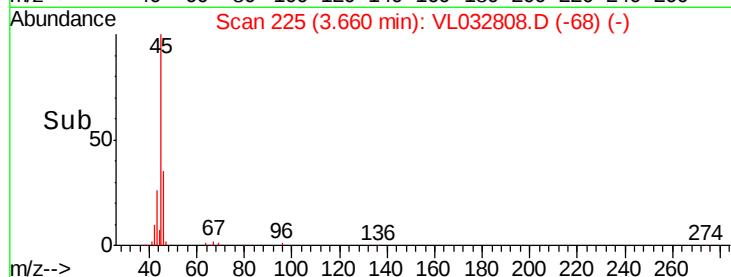
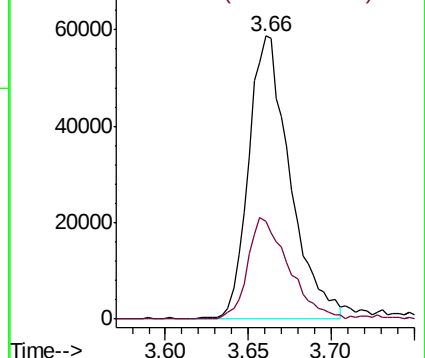
45 100

46 35.8 14.5 57.9



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#14

Bromoethene

Concen: 10.217 ppbv

RT: 3.80 min Scan# 268

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

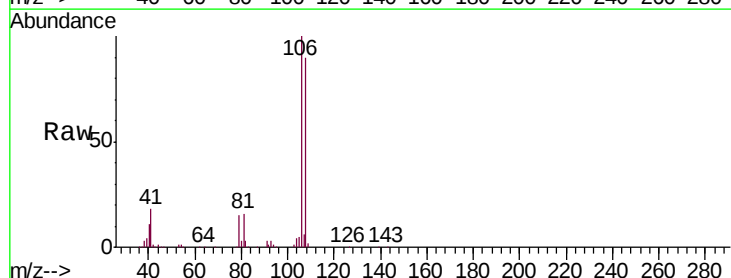
Tgt Ion: 108 Resp: 529773

Ion Ratio Lower Upper

108 100

106 108.8 84.9 127.3

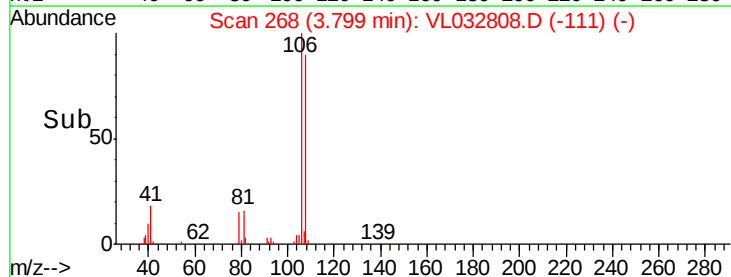
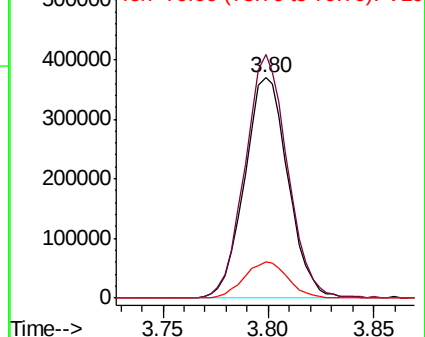
79 17.1 14.2 21.4

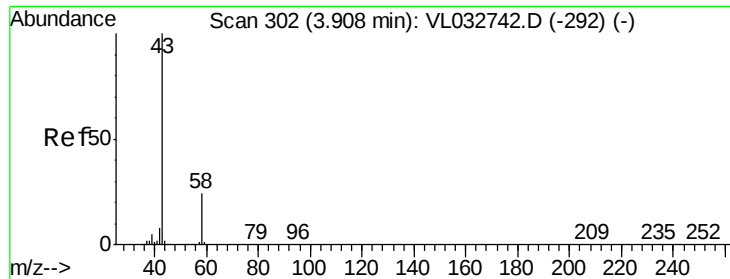


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 8.551 ppbv

RT: 3.91 min Scan# 304

Delta R.T. 0.01 min

Lab File: VL032808.D

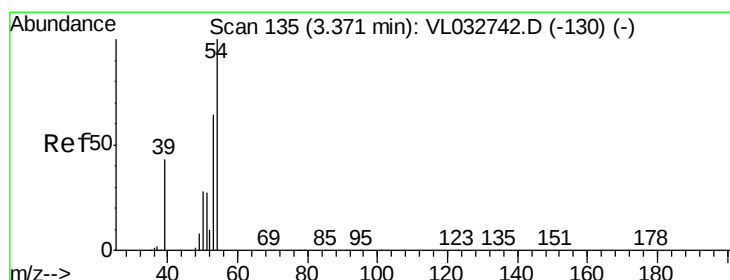
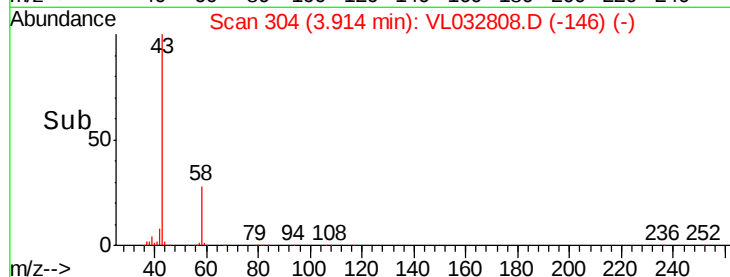
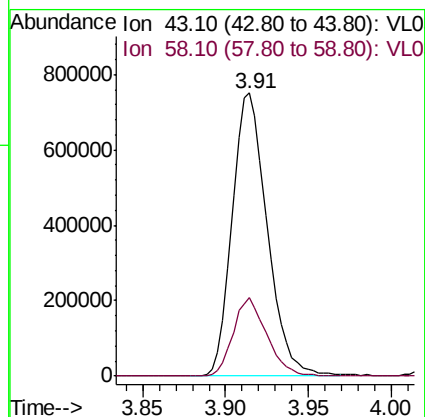
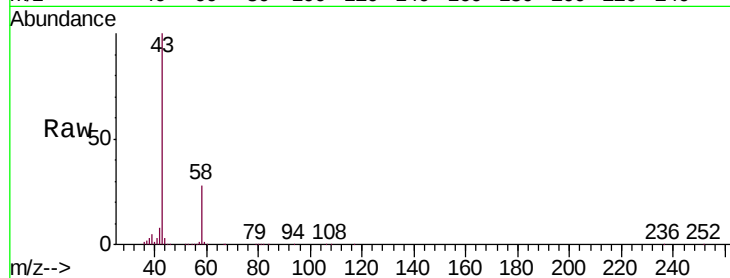
Acq: 27 Nov 2018 14:14

Tgt Ion: 43 Resp: 1103090

Ion Ratio Lower Upper

43 100

58 26.9 21.1 31.7



#16

1,3-Butadiene

Concen: 10.096 ppbv

RT: 3.37 min Scan# 136

Delta R.T. 0.00 min

Lab File: VL032808.D

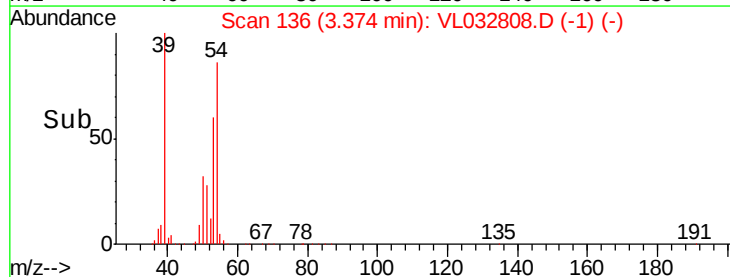
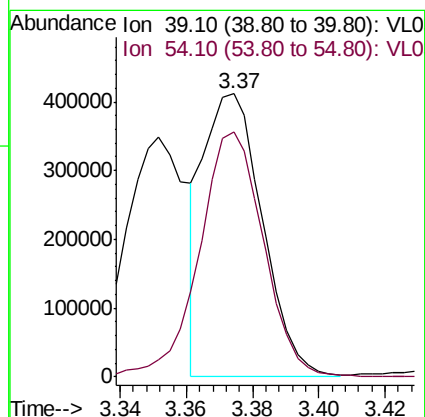
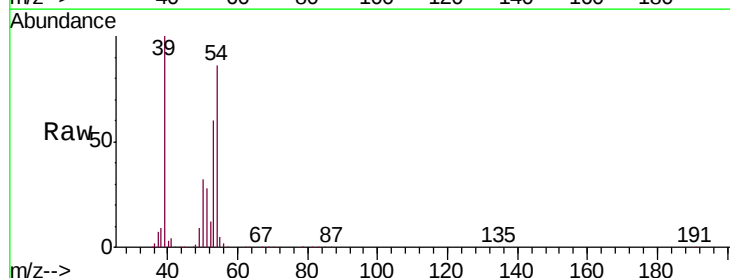
Acq: 27 Nov 2018 14:14

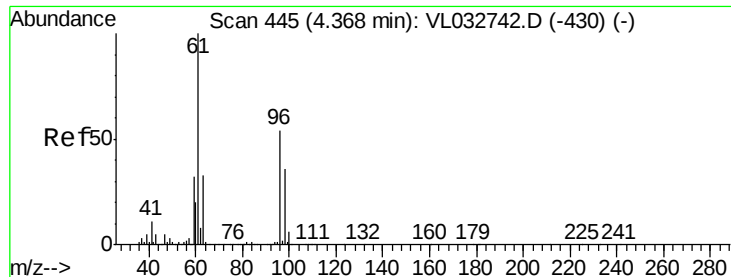
Tgt Ion: 39 Resp: 504373

Ion Ratio Lower Upper

39 100

54 95.6 68.9 103.3

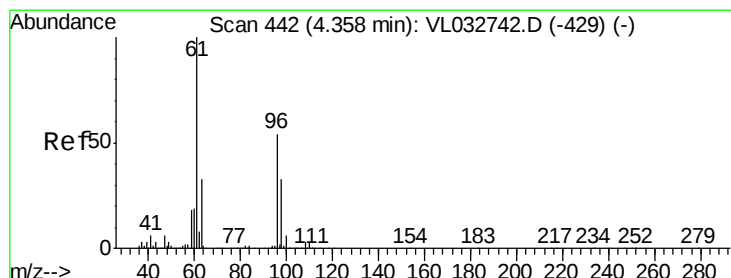
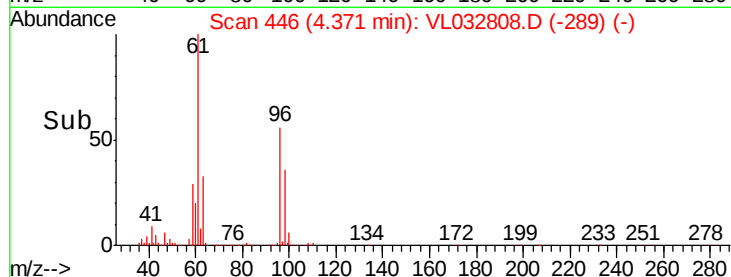
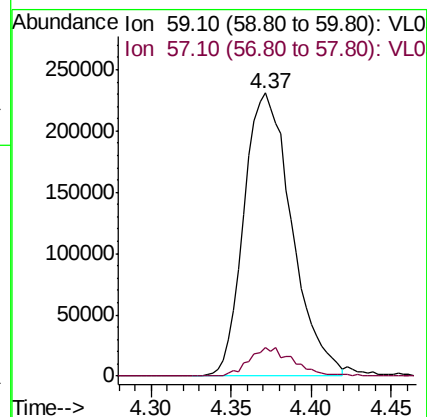
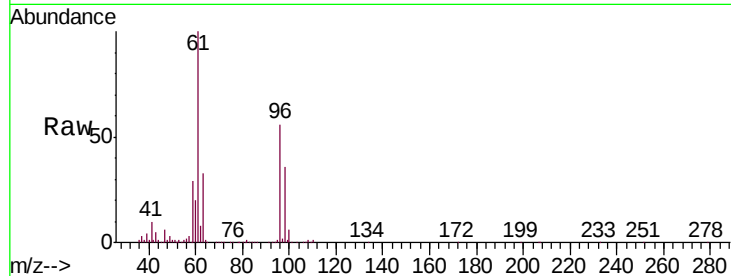




#17

tert-Butyl alcohol
Concen: 11.683 ppbv
RT: 4.37 min Scan# 446
Delta R.T. 0.00 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

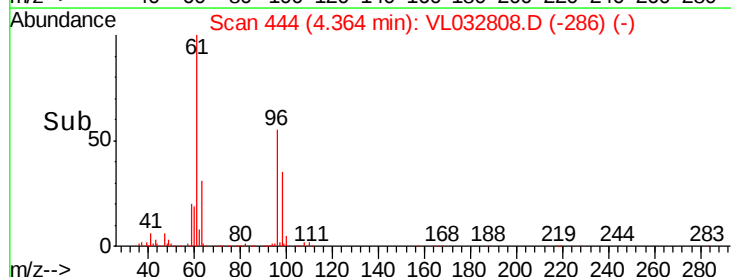
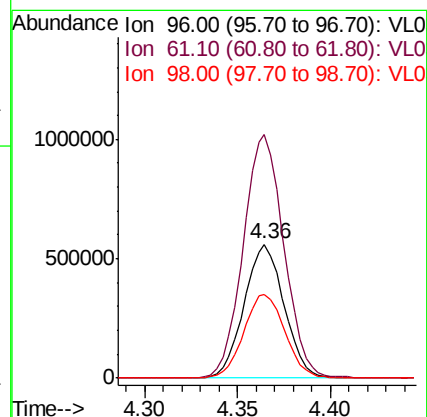
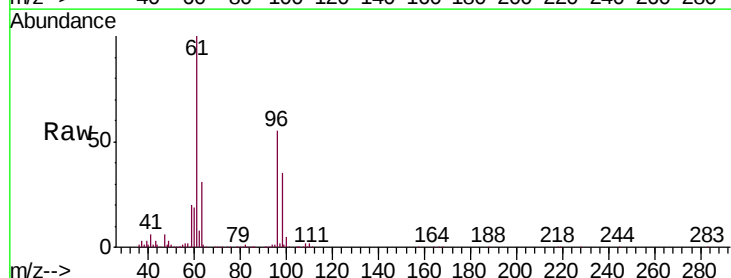
Tgt Ion: 59 Resp: 472681
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8

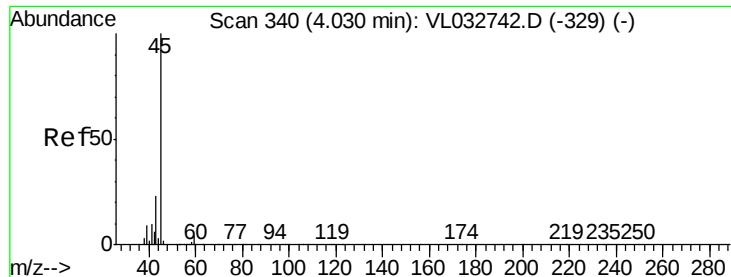


#18

1,1-Dichloroethene
Concen: 10.909 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion: 96 Resp: 838432
Ion Ratio Lower Upper
96 100
61 182.2 148.5 222.7
98 62.9 48.6 72.8





#19

Isopropyl Alcohol

Concen: 8.876 ppbv

RT: 4.03 min Scan# 341

Delta R.T. 0.00 min

Lab File: VL032808.D

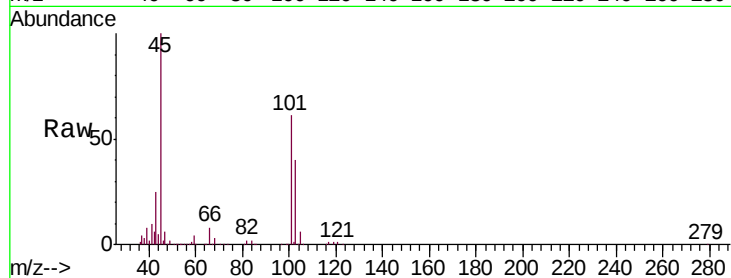
Acq: 27 Nov 2018 14:14

Tgt Ion: 45 Resp: 762787

Ion Ratio Lower Upper

45 100

58 1.7 1.4 2.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

4.03

400000

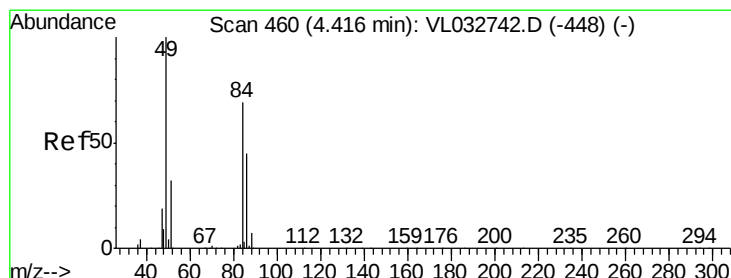
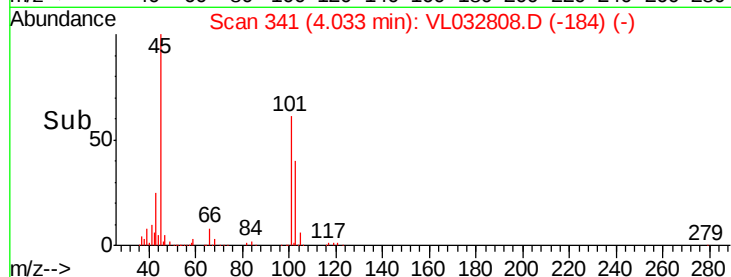
300000

200000

100000

0

Time--> 3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 10.985 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 84 Resp: 733588

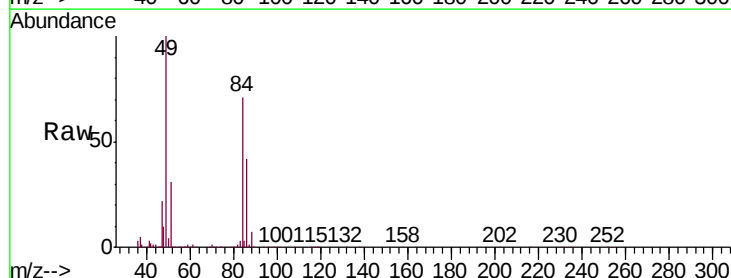
Ion Ratio Lower Upper

84 100

49 140.3 115.8 173.6

51 43.3 36.9 55.3

86 59.5 52.4 78.6



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

1000000

800000

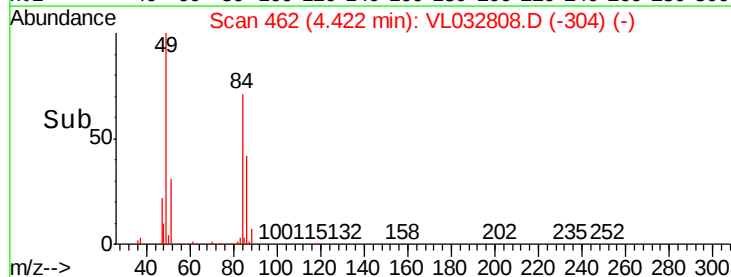
600000

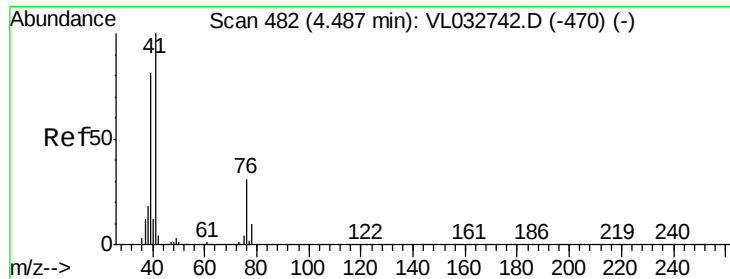
400000

200000

0

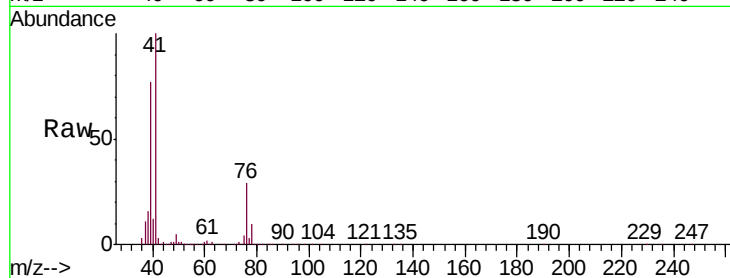
Time--> 4.35 4.40 4.45



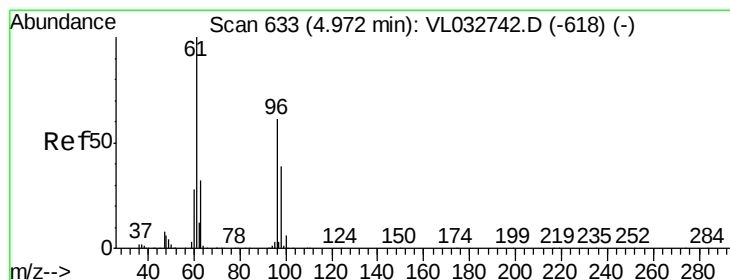
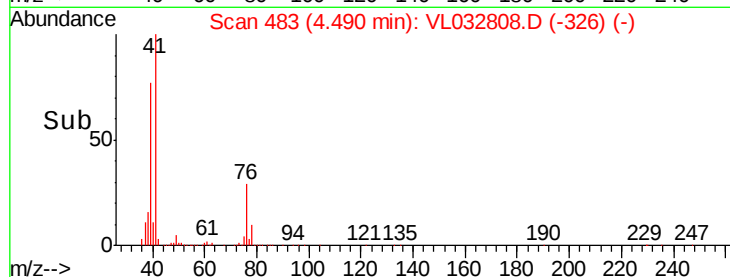
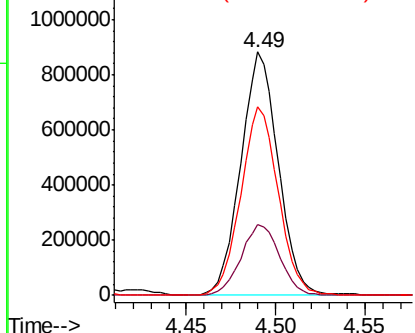


#21
 Allyl Chloride
 Concen: 11.904 ppbv
 RT: 4.49 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion: 41 Resp: 1290419
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.4 36.6
 39 78.4 63.5 95.3

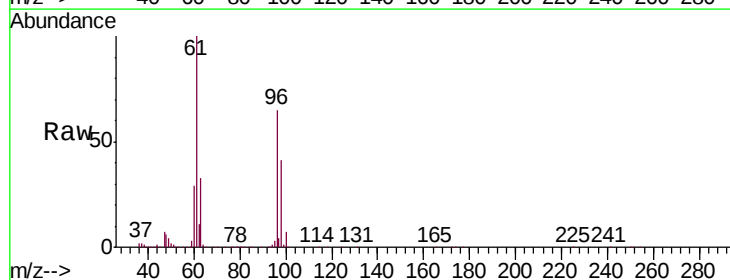


Abundance Ion 41.10 (40.80 to 41.80): VL0
 Ion 76.10 (75.80 to 76.80): VL0
 Ion 39.10 (38.80 to 39.80): VL0

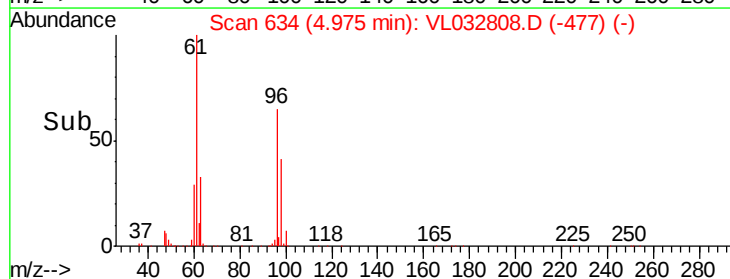
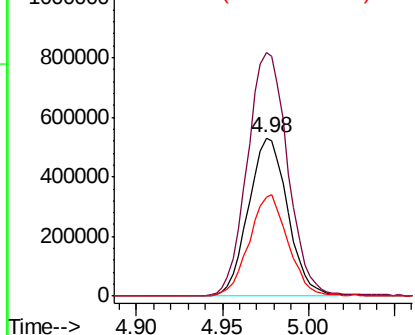


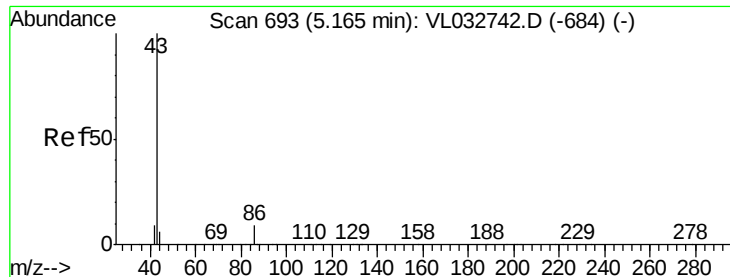
#22
 trans-1,2-Dichloroethene
 Concen: 11.194 ppbv
 RT: 4.98 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion: 96 Resp: 840099
 Ion Ratio Lower Upper
 96 100
 61 153.8 130.2 195.2
 98 62.4 50.2 75.2



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: 11.539 ppbv

RT: 5.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 43 Resp: 2713353

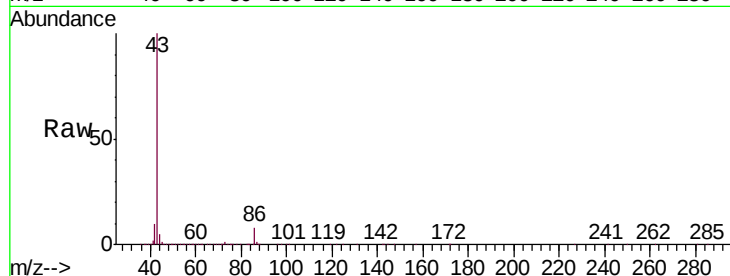
Ion Ratio Lower Upper

43 100

86 8.2 6.2 9.4

42 10.4 7.8 11.6

44 4.7 4.4 6.6

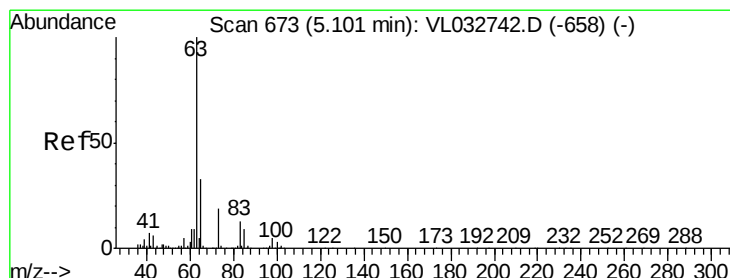
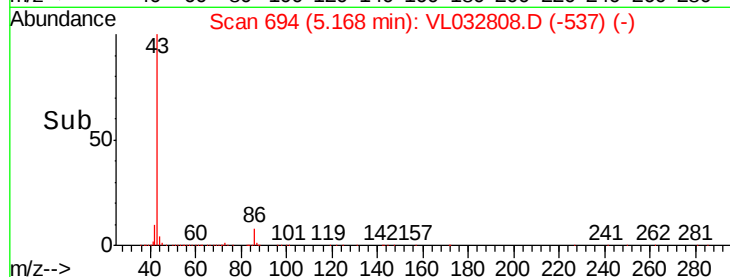
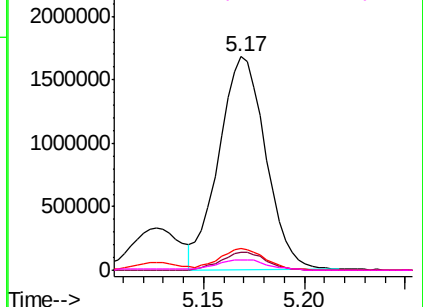


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 10.840 ppbv

RT: 5.11 min Scan# 675

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

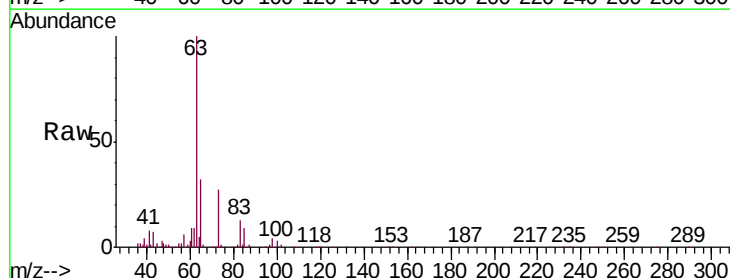
Tgt Ion: 63 Resp: 2026586

Ion Ratio Lower Upper

63 100

98 4.4 2.3 6.8

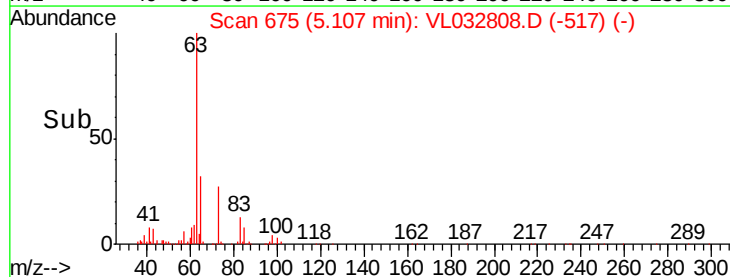
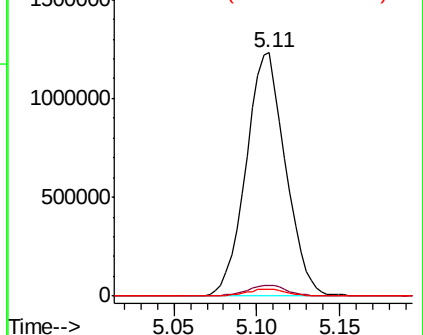
100 3.0 1.4 4.2

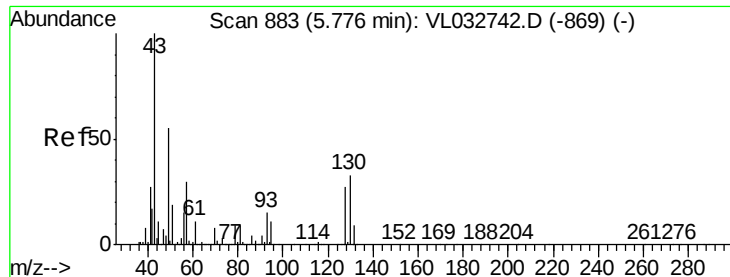


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

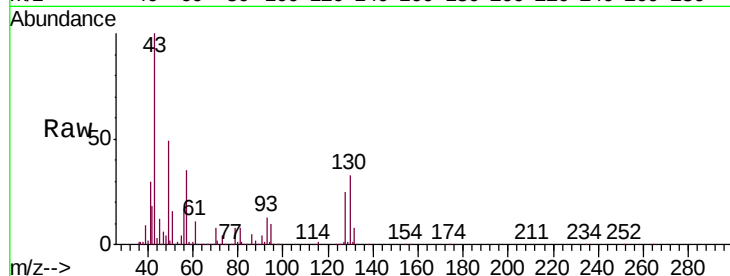
Ion 100.00 (99.70 to 100.70): VL0



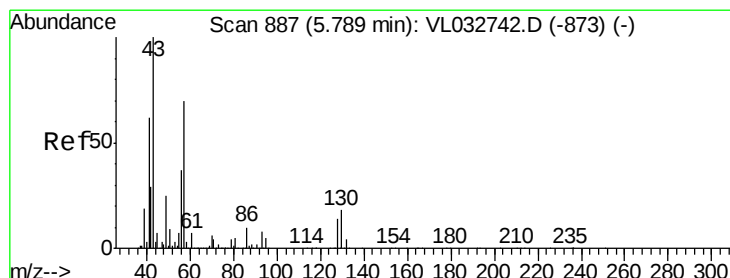
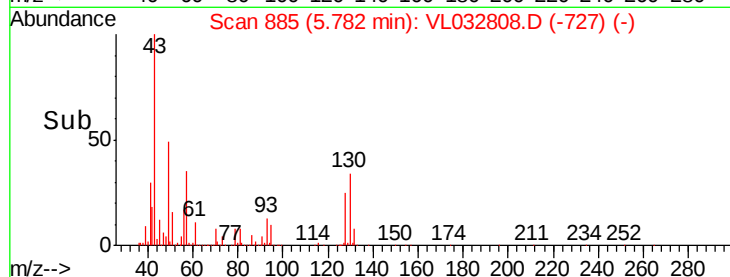
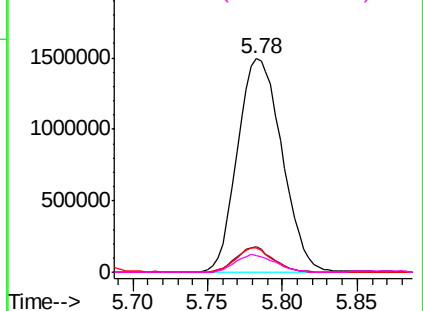


#25
Ethyl Acetate
Concen: 10.255 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:	43	Resp:	3083248
Ion	Ratio	Lower	Upper
43	100		
45	10.0	7.9	11.9
61	9.7	7.8	11.6
70	7.4	5.8	8.6

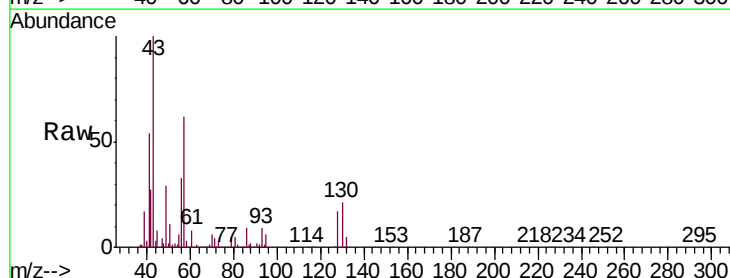


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

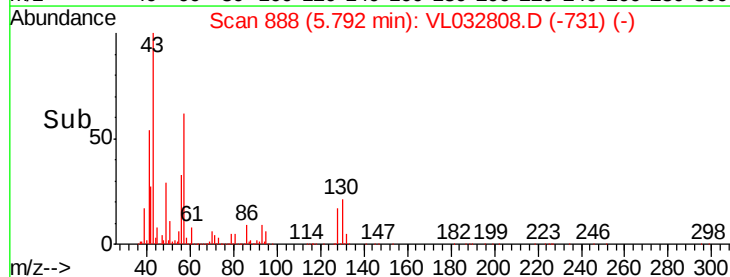
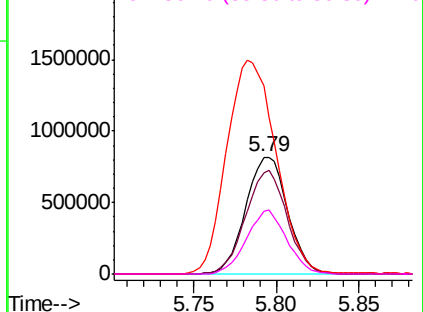


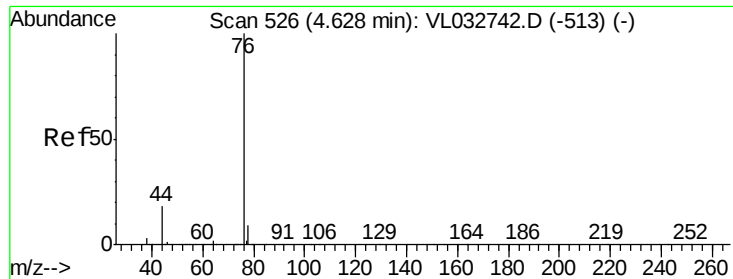
#26
Hexane
Concen: 10.782 ppbv
RT: 5.79 min Scan# 888
Delta R.T. 0.00 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:	57	Resp:	1443067
Ion	Ratio	Lower	Upper
57	100		
41	87.6	70.3	105.5
43	214.9	174.0	261.0
56	52.3	42.3	63.5



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: 11.407 ppbv

RT: 4.63 min Scan# 527

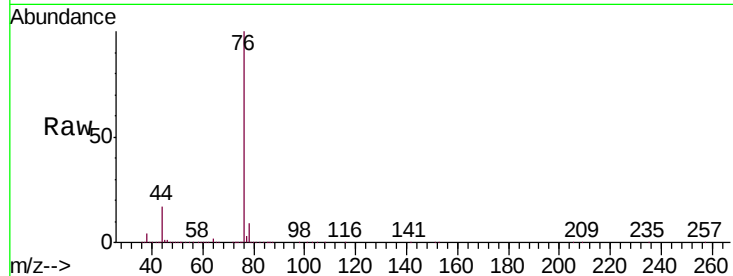
Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 76 Resp: 1935865

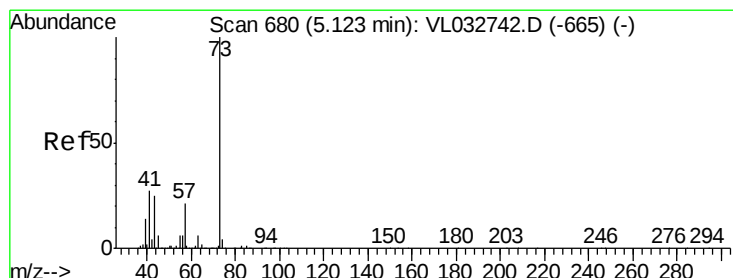
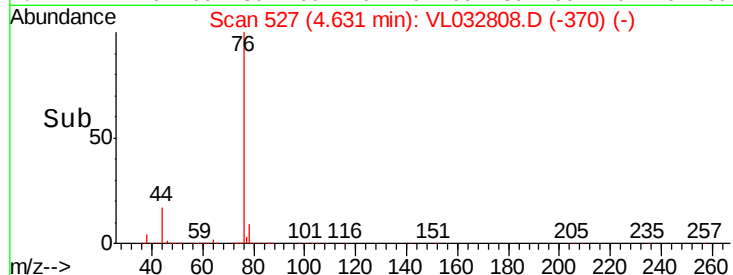
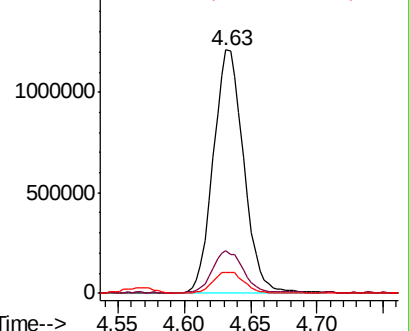
Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.4	21.6
78	8.8	7.7	11.5



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



#28

Methyl tert-Butyl Ether

Concen: 11.413 ppbv

RT: 5.13 min Scan# 681

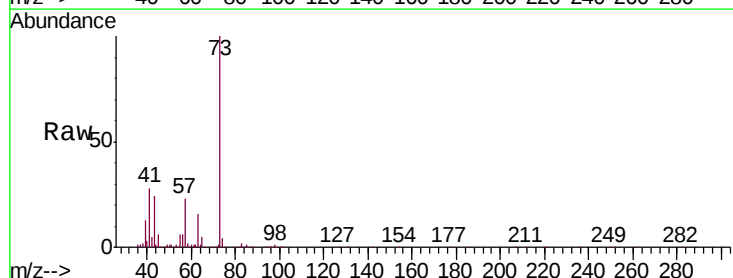
Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

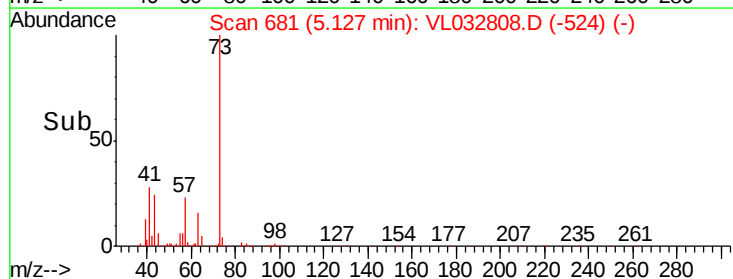
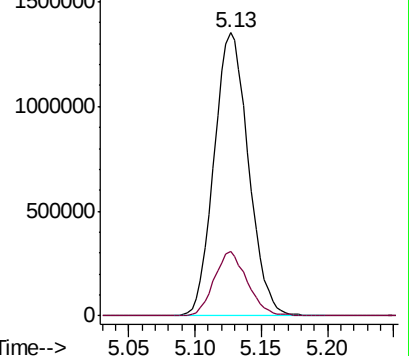
Tgt Ion: 73 Resp: 2435863

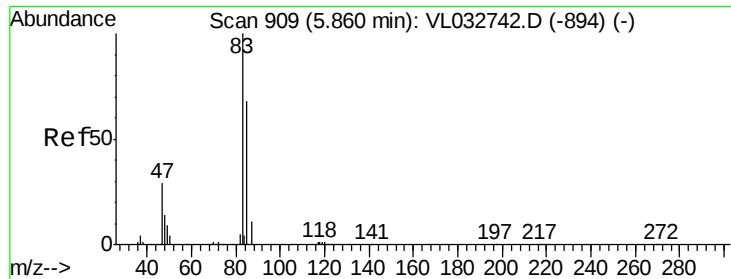
Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.5	26.3



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 9.948 ppbv

RT: 5.87 min Scan# 911

Delta R.T. 0.01 min

Lab File: VL032808.D

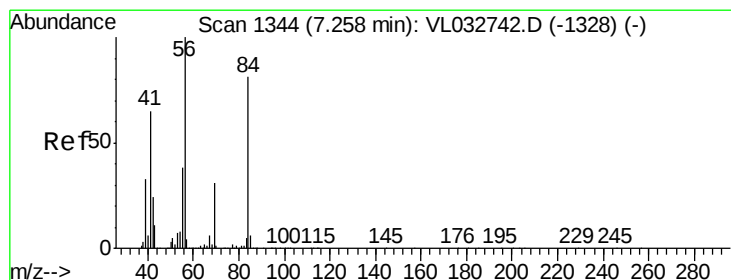
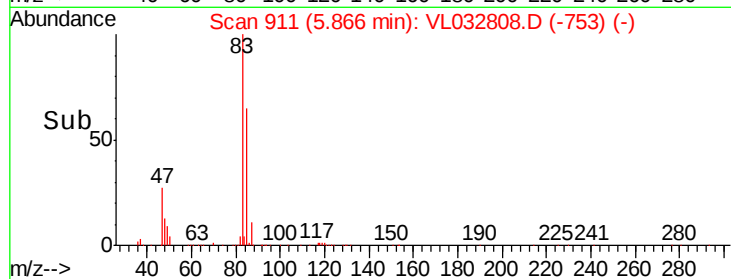
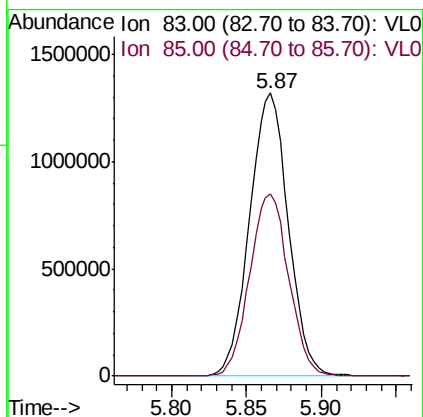
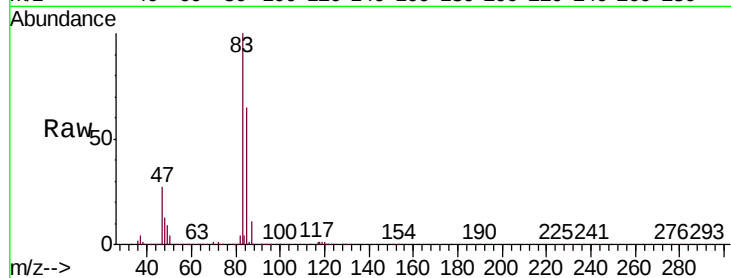
Acq: 27 Nov 2018 14:14

Tgt Ion: 83 Resp: 2373042

Ion Ratio Lower Upper

83 100

85 64.4 54.2 81.4



#30

Cyclohexane

Concen: 11.432 ppbv

RT: 7.26 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

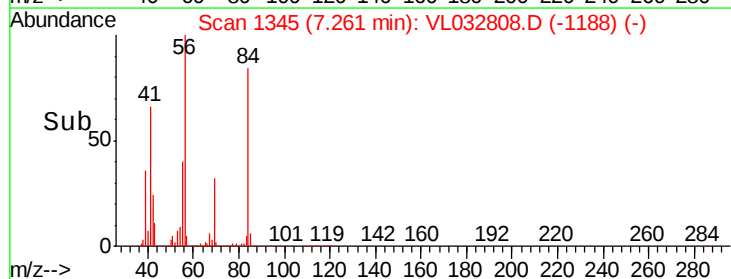
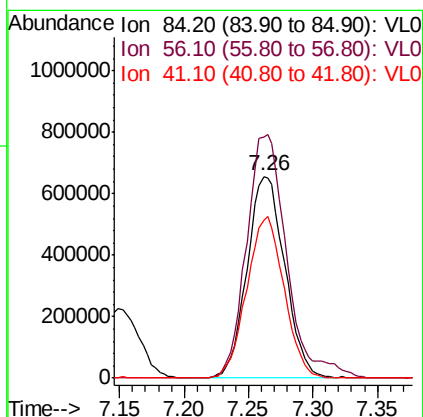
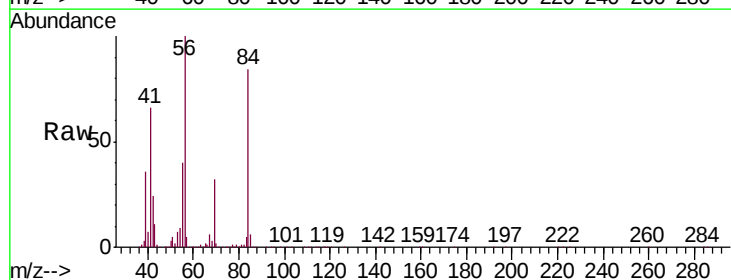
Tgt Ion: 84 Resp: 1338254

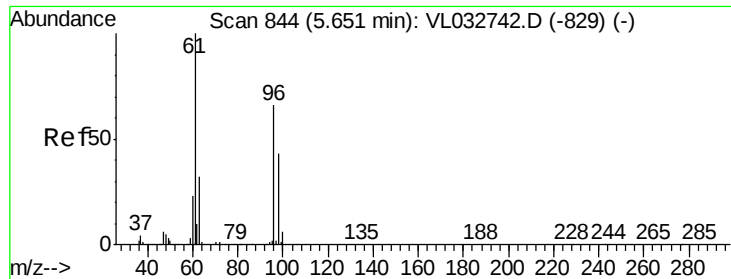
Ion Ratio Lower Upper

84 100

56 129.3 105.0 157.4

41 79.4 65.3 97.9

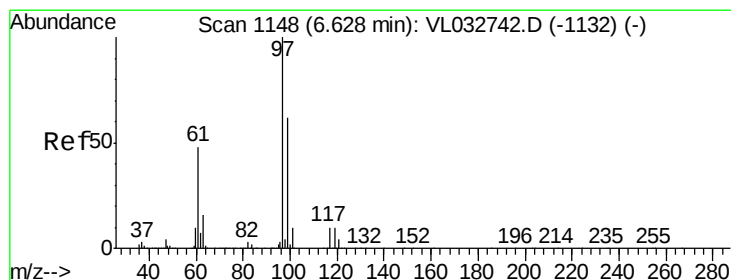
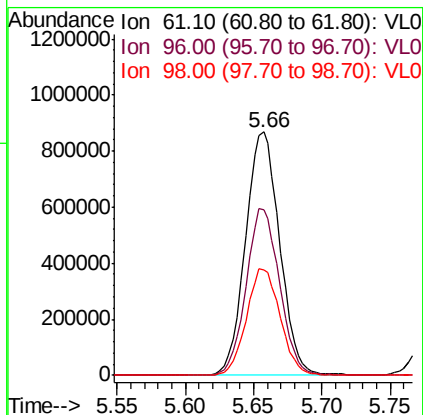
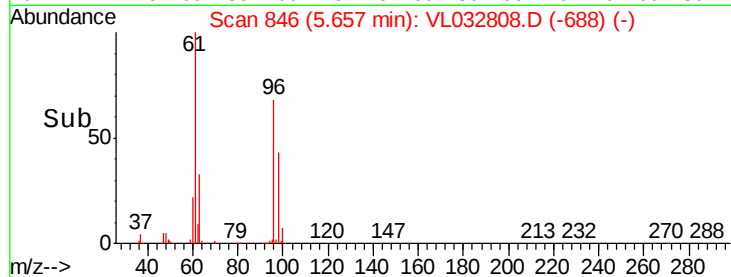
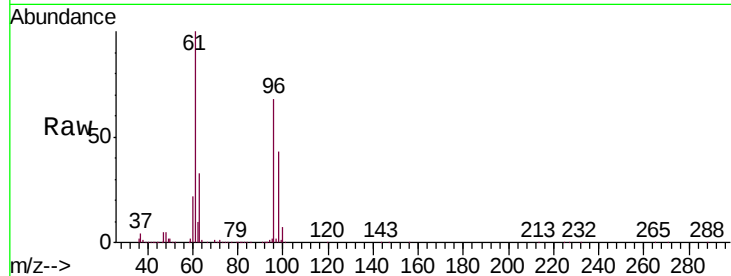




#31

cis-1,2-Dichloroethene
Concen: 11.220 ppbv
RT: 5.66 min Scan# 846
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

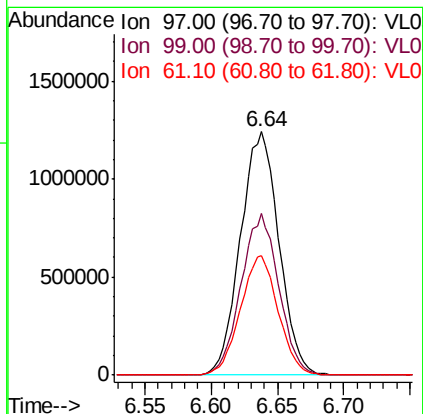
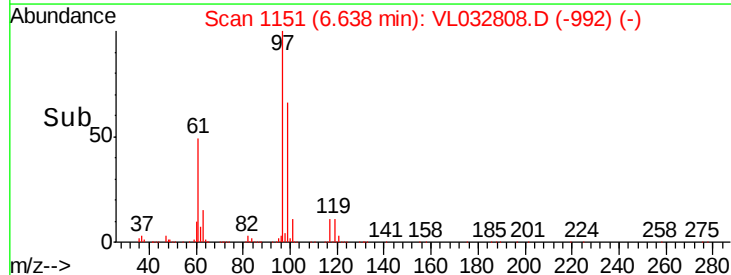
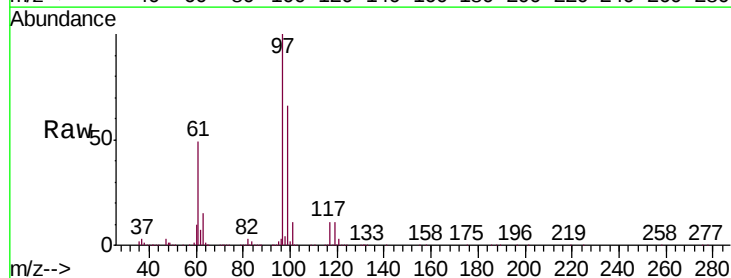
Tgt Ion	Ratio	Lower	Upper
61	100		
96	67.9	53.2	79.8
98	43.1	34.4	51.6

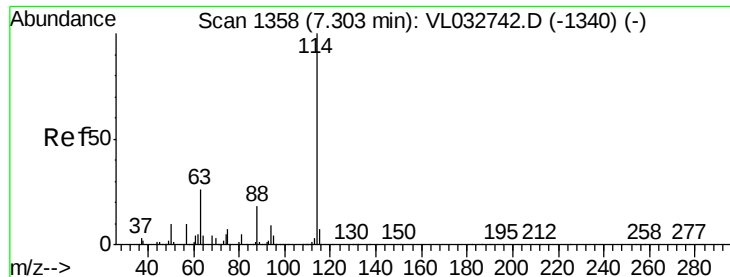


#32

1,1,1-Trichloroethane
Concen: 9.571 ppbv
RT: 6.64 min Scan# 1151
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.6
61	48.3	39.7	59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.31 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

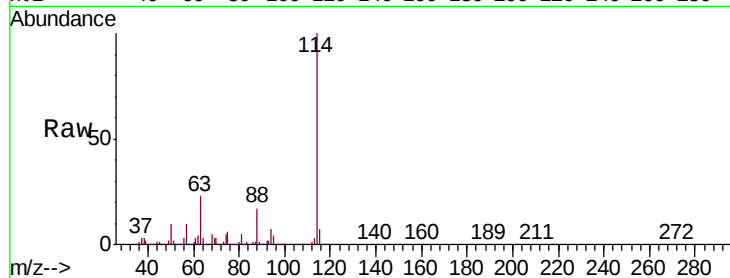
Tgt Ion: 114 Resp: 3827229

Ion Ratio Lower Upper

114 100

63 24.5 20.9 31.3

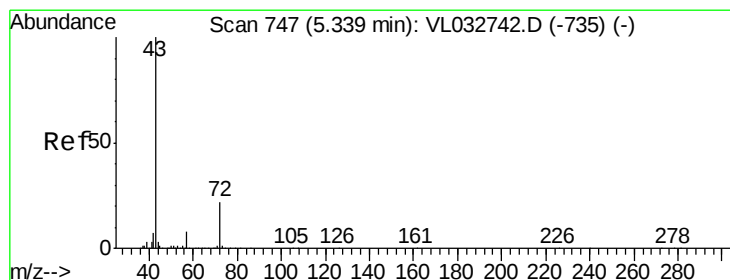
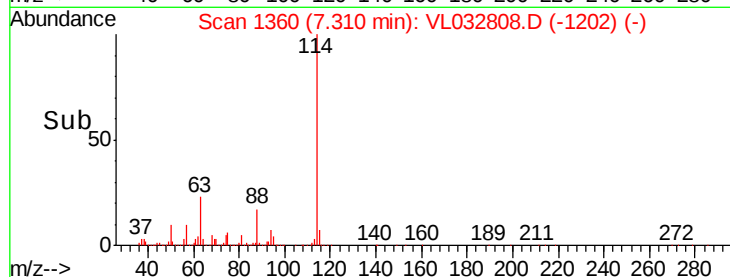
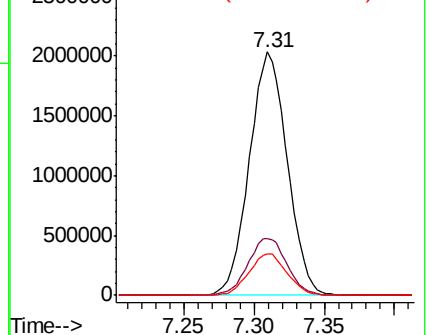
88 17.2 14.4 21.6



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: 10.152 ppbv

RT: 5.34 min Scan# 748

Delta R.T. 0.00 min

Lab File: VL032808.D

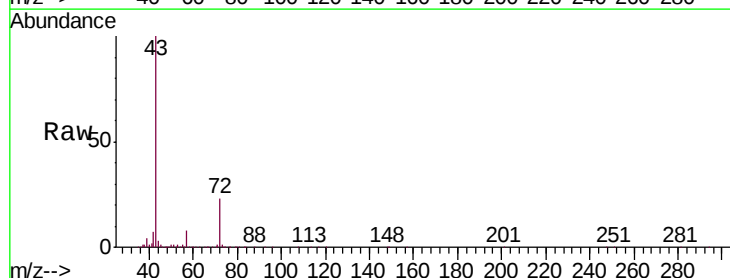
Acq: 27 Nov 2018 14:14

Tgt Ion: 43 Resp: 2015200

Ion Ratio Lower Upper

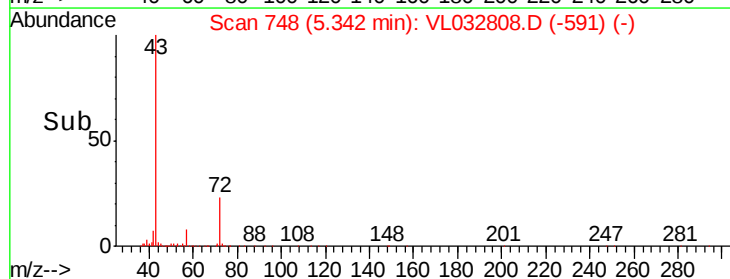
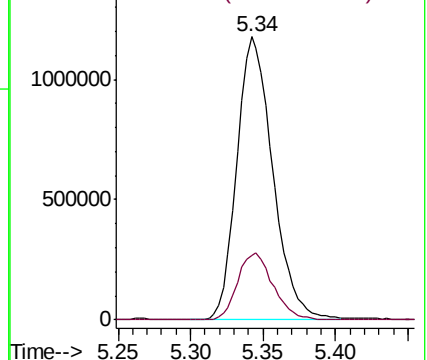
43 100

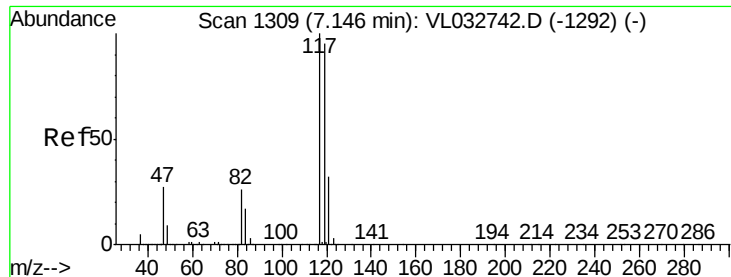
72 23.7 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 9.057 ppbv

RT: 7.15 min Scan# 1311

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

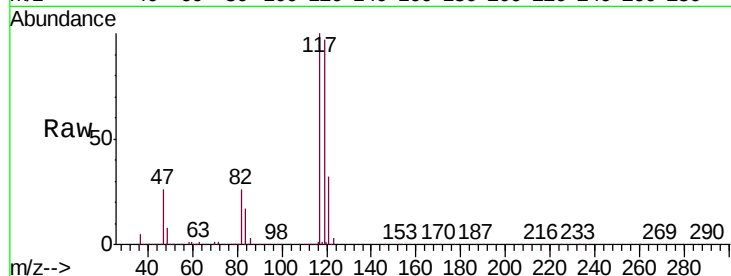
Tgt Ion: 117 Resp: 2786653

Ion Ratio Lower Upper

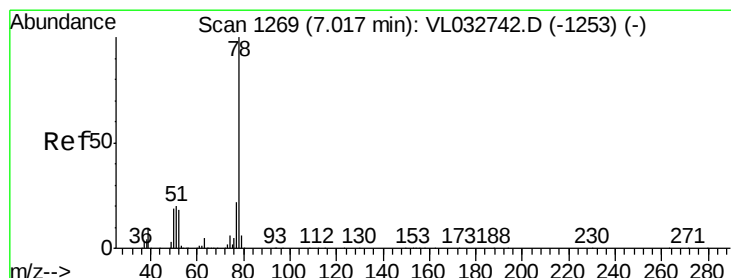
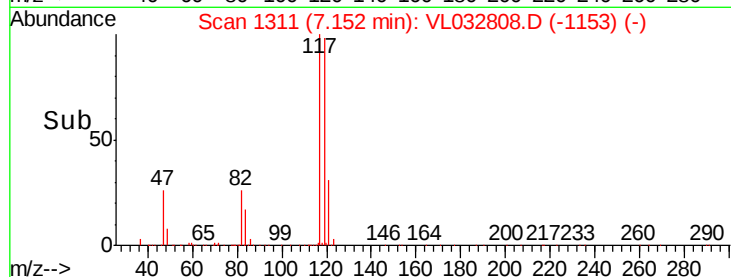
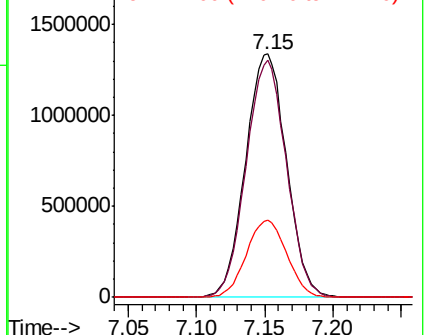
117 100

119 97.2 76.1 114.1

121 31.5 25.4 38.0



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: 10.309 ppbv

RT: 7.02 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

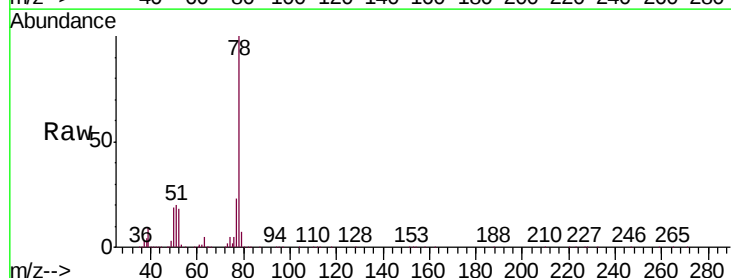
Tgt Ion: 78 Resp: 3141853

Ion Ratio Lower Upper

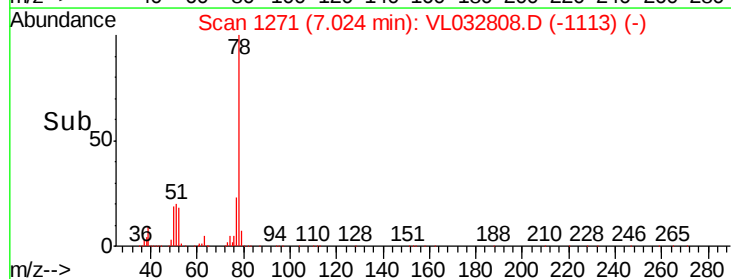
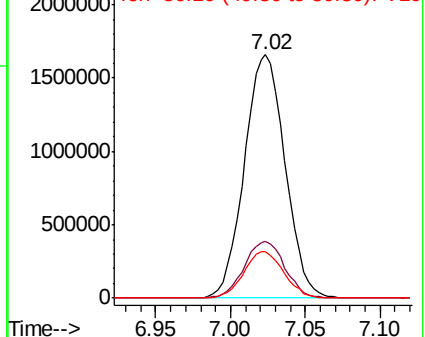
78 100

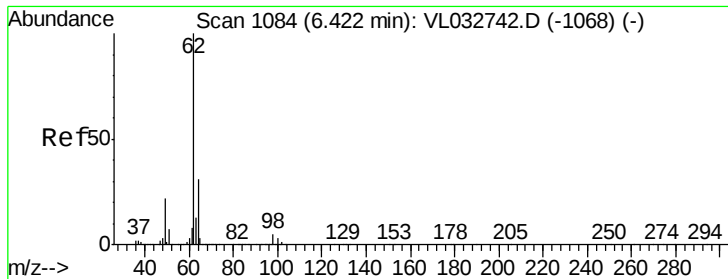
77 23.1 17.8 26.8

50 18.9 15.4 23.0



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: 9.440 ppbv

RT: 6.43 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VL032808.D

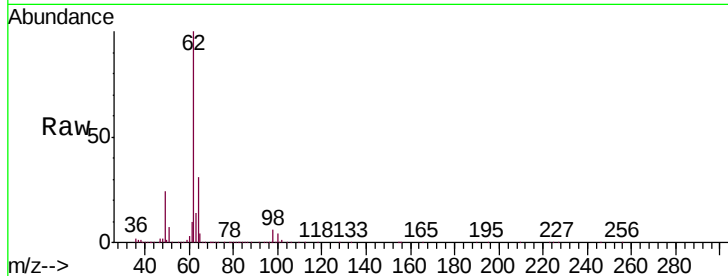
Acq: 27 Nov 2018 14:14

Tgt Ion: 62 Resp: 1936688

Ion Ratio Lower Upper

62 100

98 6.0 4.5 6.7



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

1200000

1000000

800000

600000

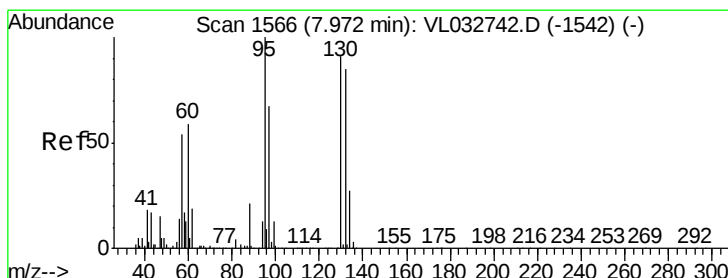
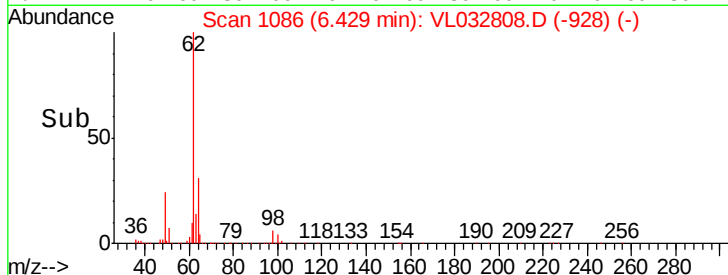
400000

200000

0

6.35 6.40 6.45 6.50

Time-->



#38

Trichloroethene

Concen: 10.640 ppbv

RT: 7.98 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 130 Resp: 1312254

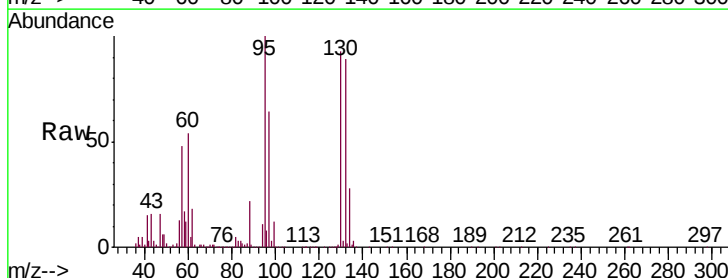
Ion Ratio Lower Upper

130 100

95 107.1 87.7 131.5

132 95.1 74.6 111.8

97 68.4 58.3 87.5



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

1000000

800000

600000

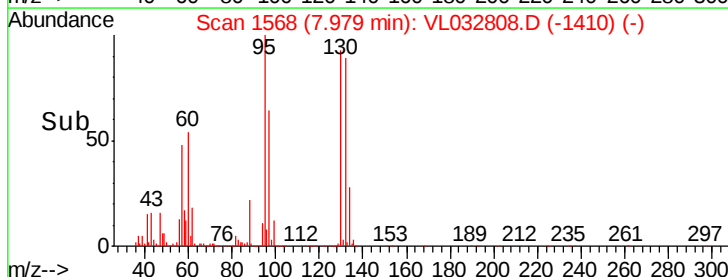
400000

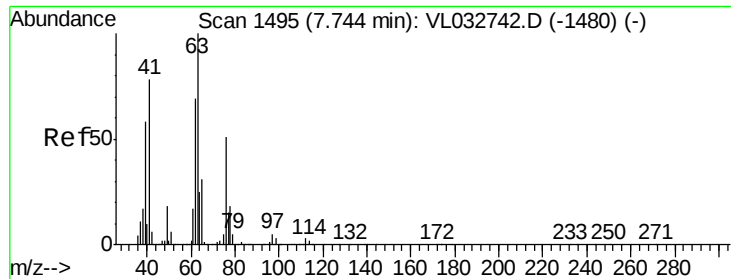
200000

0

7.85 7.90 7.95 8.00 8.05

Time-->





#39

1,2-Dichloropropane

Concen: 10.163 ppbv

RT: 7.75 min Scan# 1497

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

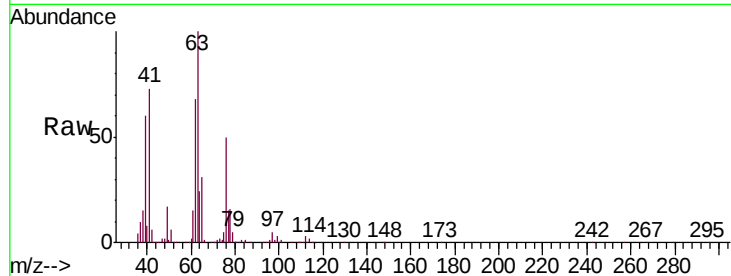
Tgt Ion: 63 Resp: 1180123

Ion Ratio Lower Upper

63 100

41 73.3 62.0 93.0

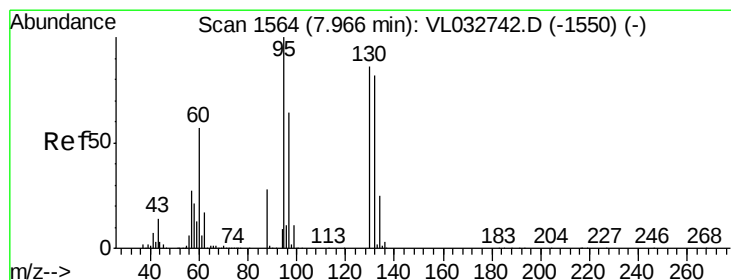
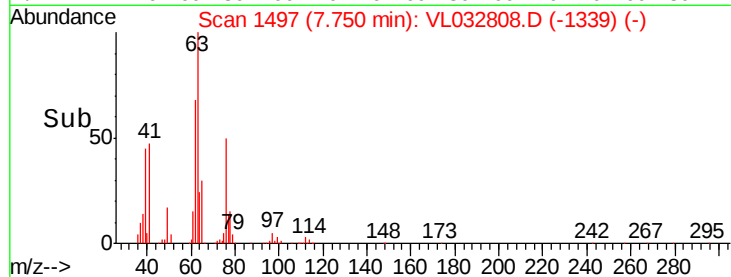
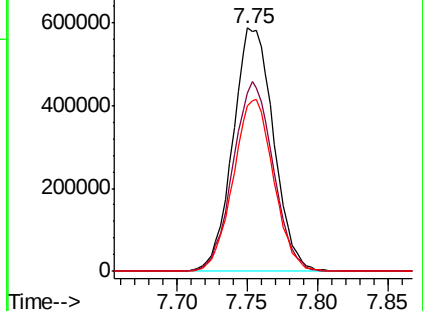
62 67.7 55.4 83.2



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



#40

1,4-Dioxane

Concen: 9.421 ppbv

RT: 7.97 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 88 Resp: 390738

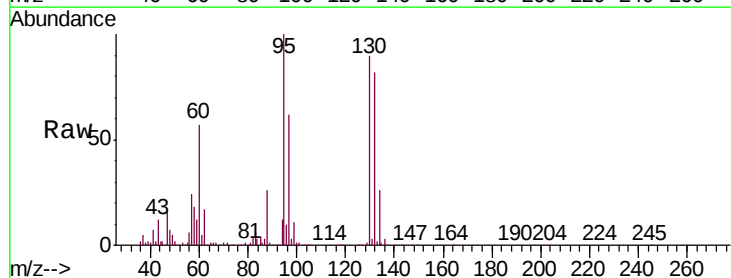
Ion Ratio Lower Upper

88 100

58 0.0 105.3 157.9#

43 0.0 226.1 339.1#

57 0.0 1015.2 1522.8#

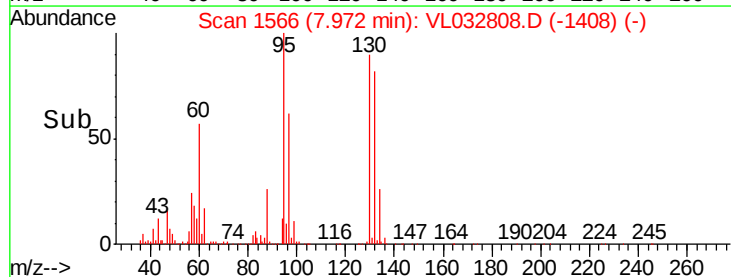
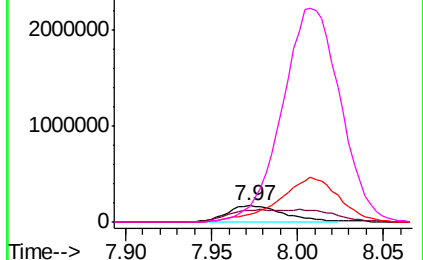


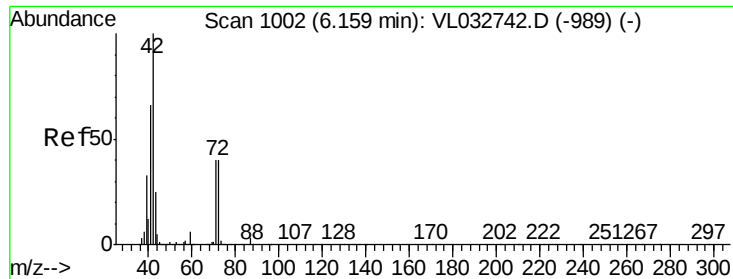
Abundance Ion 88.10 (87.80 to 88.80): VL0

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





#41

Tetrahydrofuran

Concen: 10.868 ppbv

RT: 6.17 min Scan# 1004

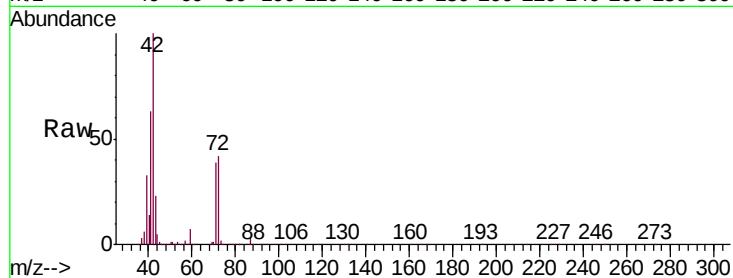
Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 42 Resp: 1237432

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	39.9	31.6	47.4

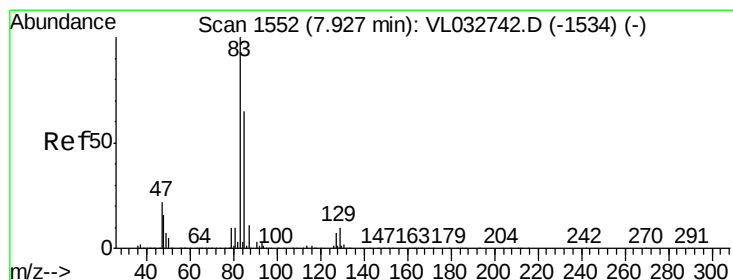
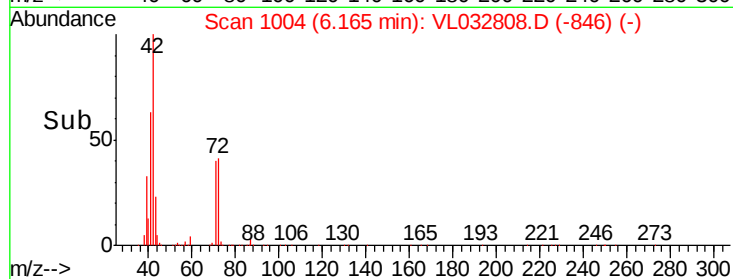
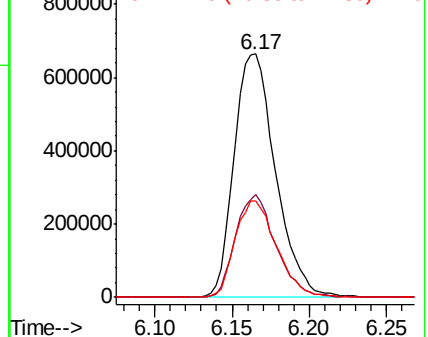


Abundance

Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0



#42

Bromodichloromethane

Concen: 9.835 ppbv

RT: 7.93 min Scan# 1554

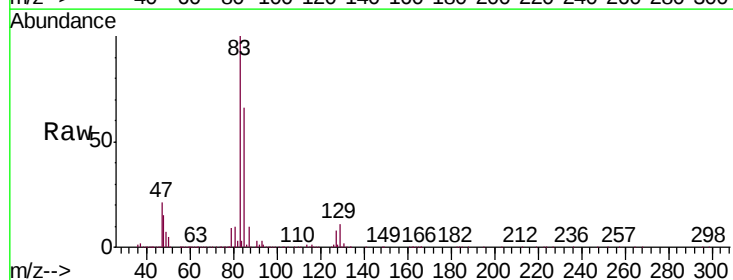
Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 83 Resp: 2735180

Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.8
127	8.2	5.9	8.9

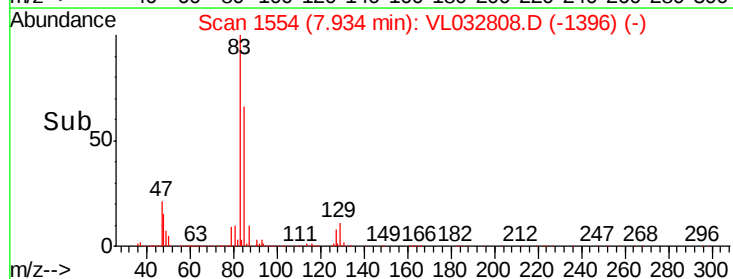
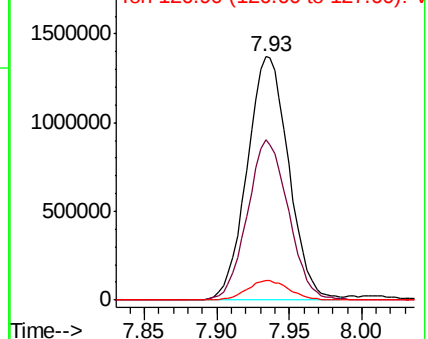


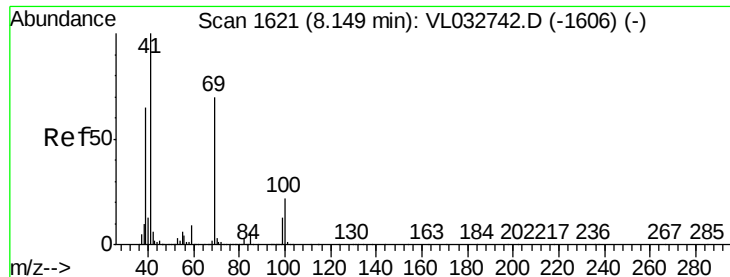
Abundance

Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 10.579 ppbv

RT: 8.15 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

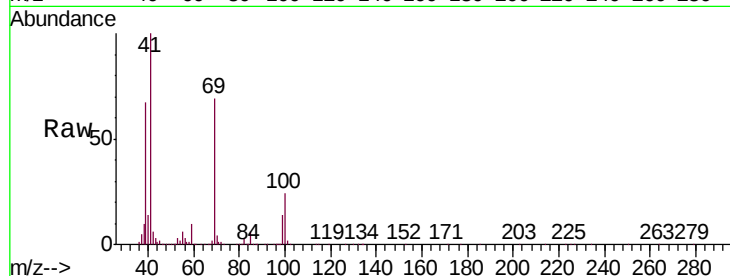
Tgt Ion: 69 Resp: 1203695

Ion Ratio Lower Upper

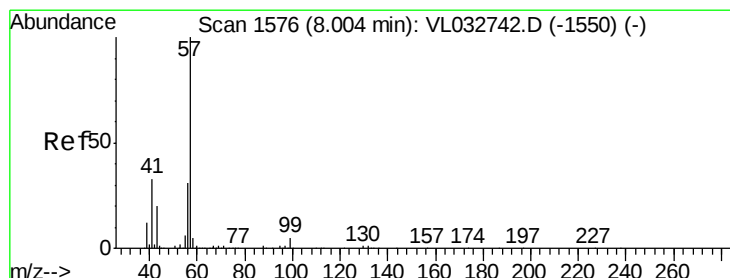
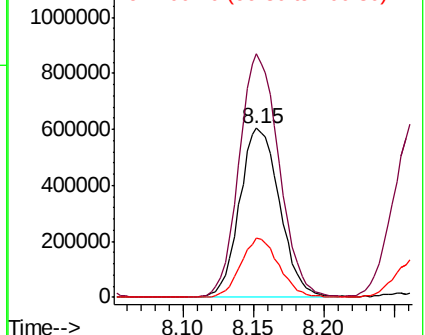
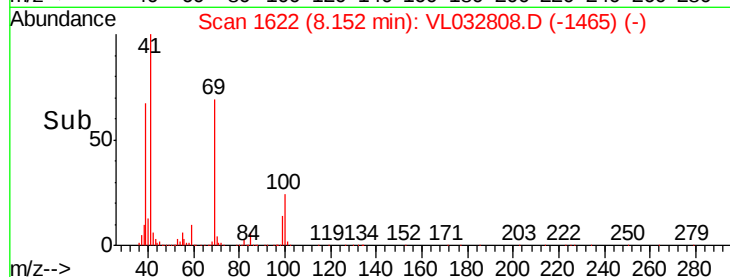
69 100

41 143.3 115.0 172.4

100 33.5 25.4 38.0



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 10.305 ppbv

RT: 8.01 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

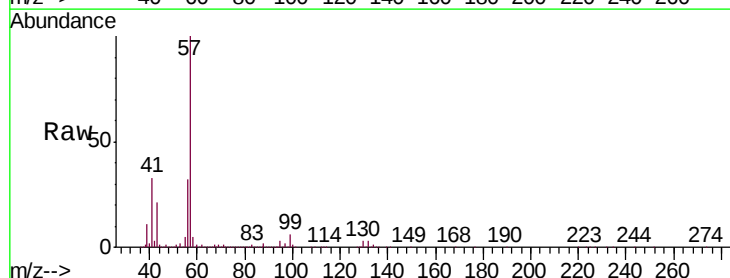
Tgt Ion: 57 Resp: 5248239

Ion Ratio Lower Upper

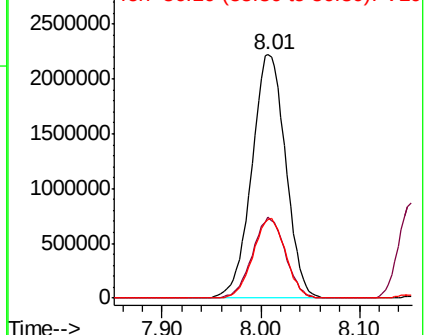
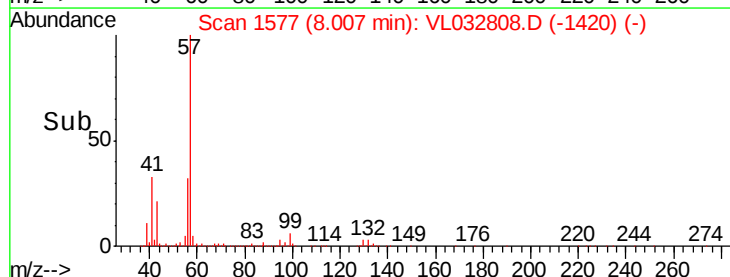
57 100

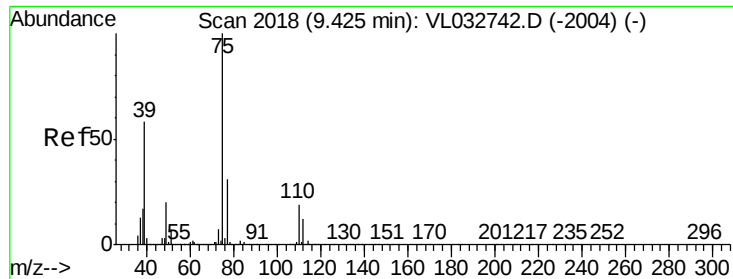
41 32.2 26.6 39.8

56 31.4 24.8 37.2



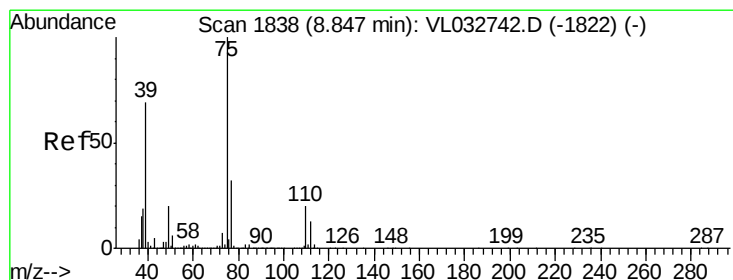
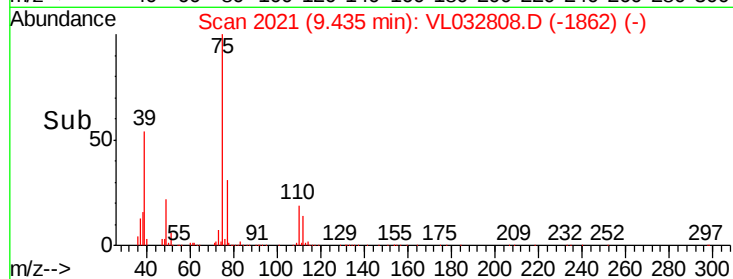
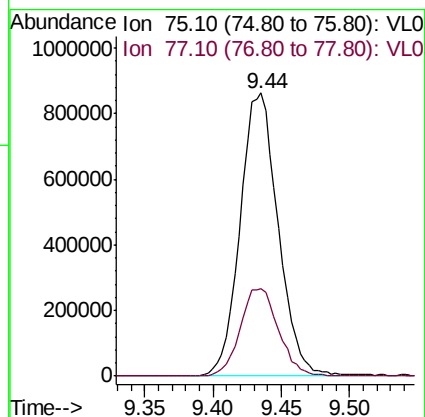
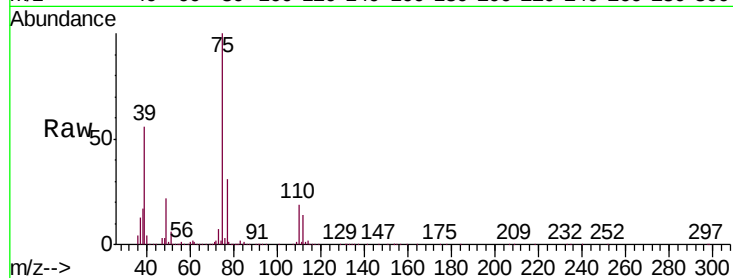
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





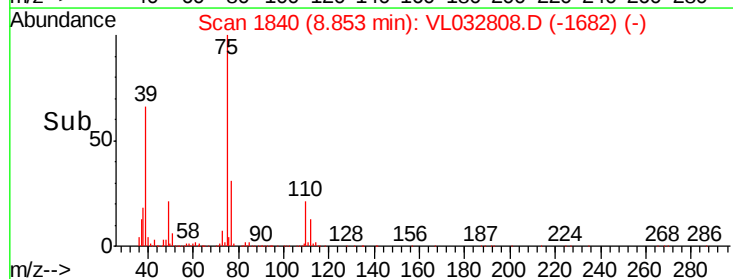
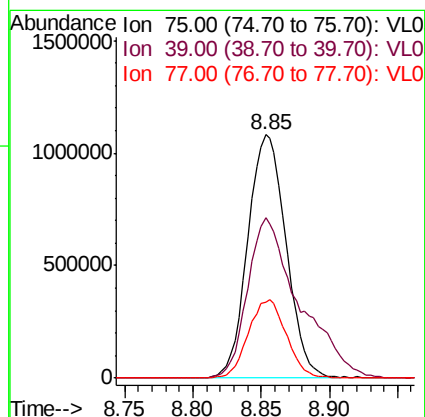
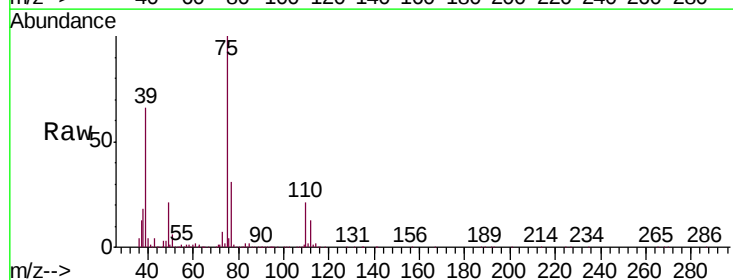
#45
 t-1,3-Dichloropropene
 Concen: 10.917 ppbv
 RT: 9.44 min Scan# 2021
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

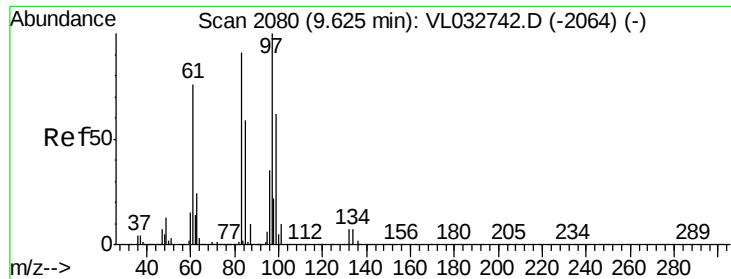
Tgt Ion: 75 Resp: 1666786
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8



#46
 cis-1,3-Dichloropropene
 Concen: 11.428 ppbv
 RT: 8.85 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

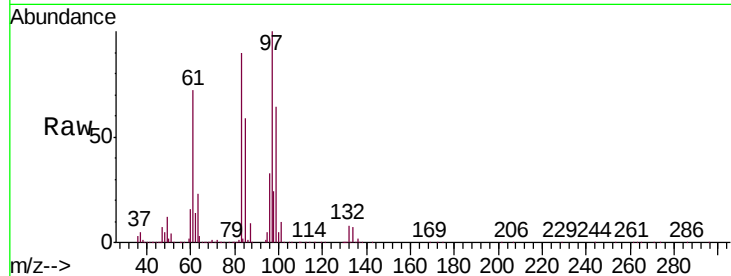
Tgt Ion: 75 Resp: 2107852
 Ion Ratio Lower Upper
 75 100
 39 65.8 55.2 82.8
 77 31.3 25.8 38.6





#47
 1,1,2-Trichloroethane
 Concen: 10.295 ppbv
 RT: 9.63 min Scan# 2083
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion:	97	Resp:	1413585
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.0	109.4
85	58.9	47.0	70.4
99	63.7	49.9	74.9



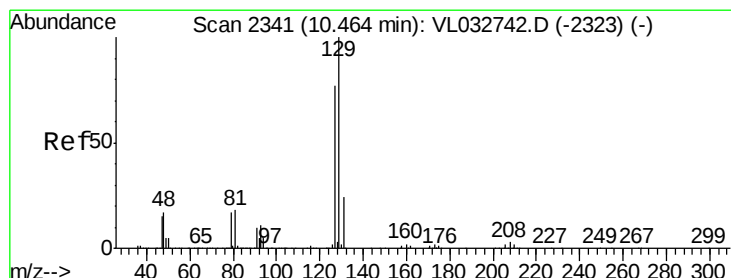
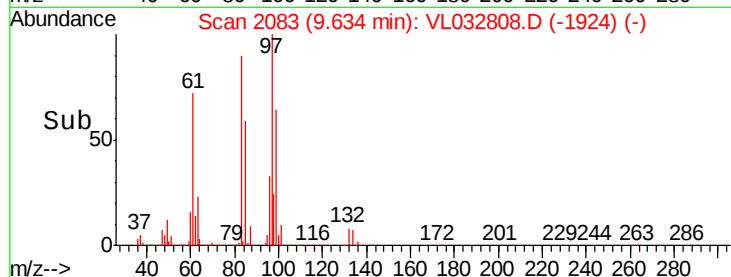
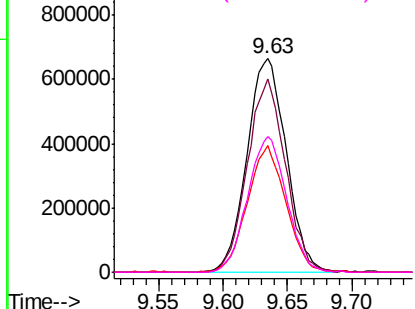
Abundance

Ion 97.00 (96.70 to 97.70): VL0

Ion 83.00 (82.70 to 83.70): VL0

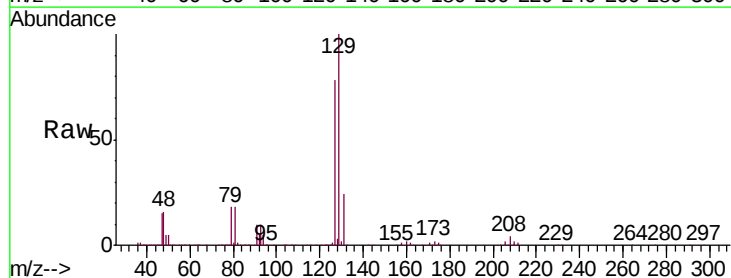
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



#48
 Dibromochloromethane
 Concen: 9.913 ppbv
 RT: 10.47 min Scan# 2343
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

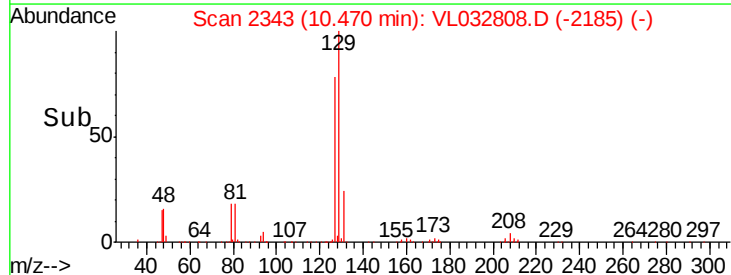
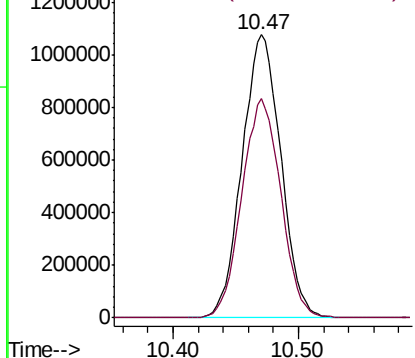
Tgt Ion:	129	Resp:	2313378
Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.0	117.0

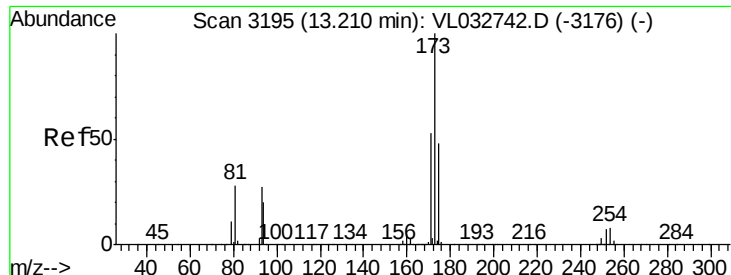


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 10.832 ppbv

RT: 13.22 min Scan# 3198

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

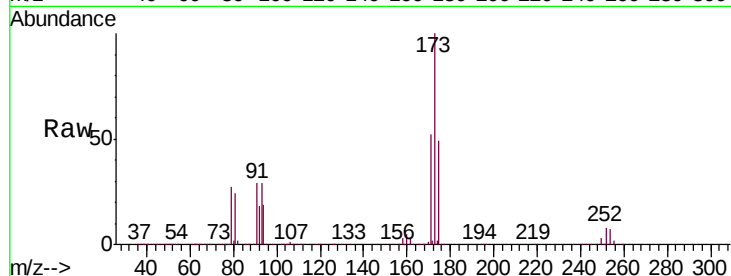
Tgt Ion: 173 Resp: 2087607

Ion Ratio Lower Upper

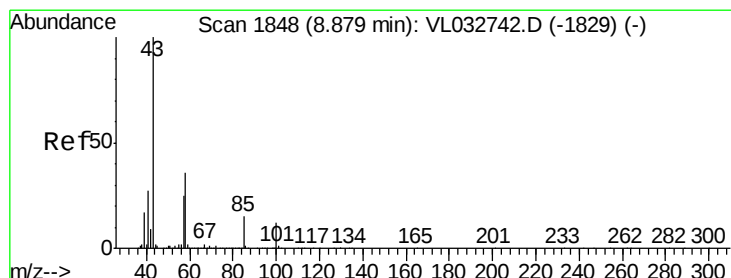
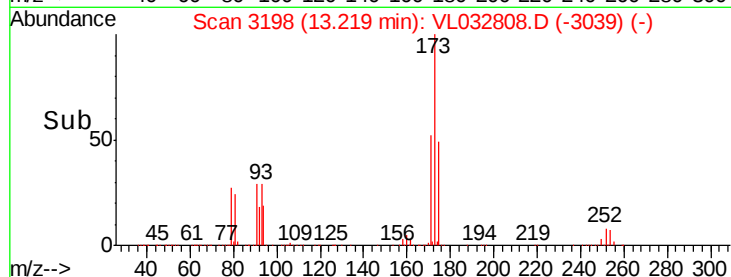
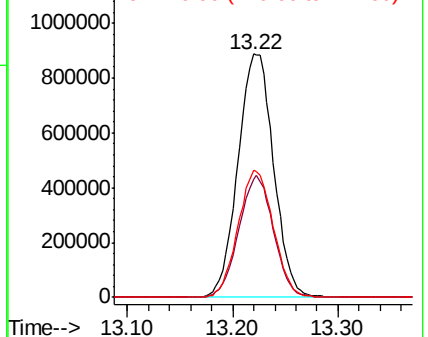
173 100

175 48.6 39.4 59.0

171 51.8 42.0 63.0



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 10.382 ppbv

RT: 8.89 min Scan# 1851

Delta R.T. 0.01 min

Lab File: VL032808.D

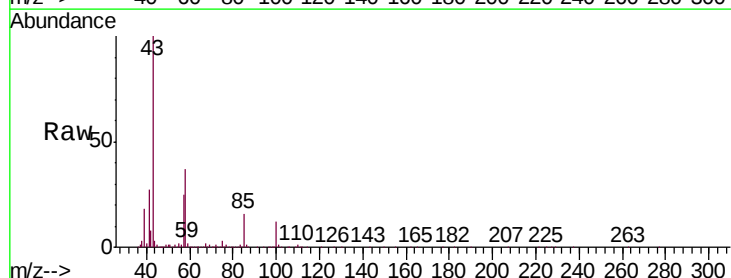
Acq: 27 Nov 2018 14:14

Tgt Ion: 43 Resp: 3218968

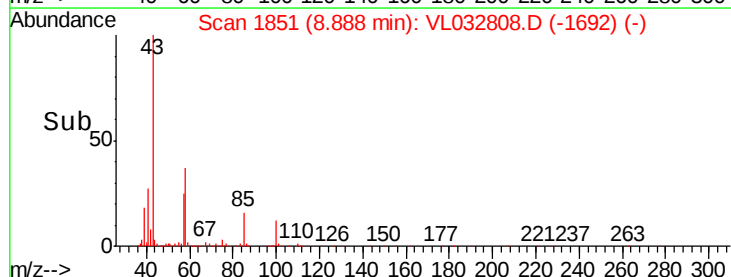
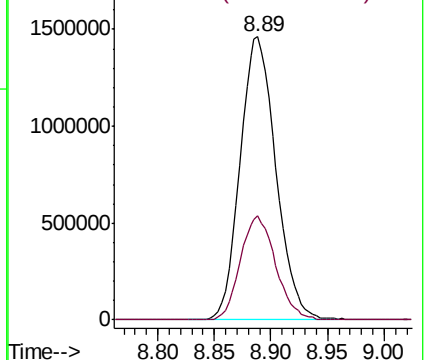
Ion Ratio Lower Upper

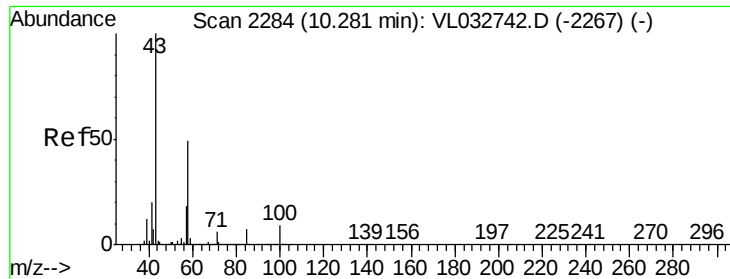
43 100

58 36.4 28.8 43.2



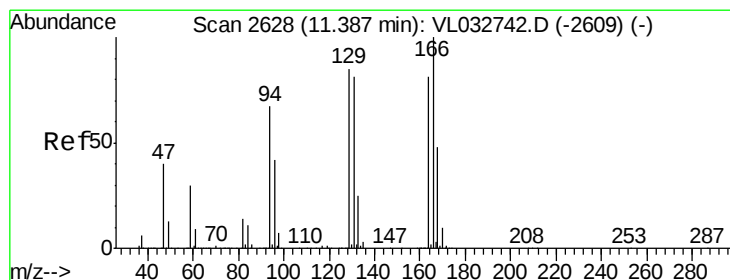
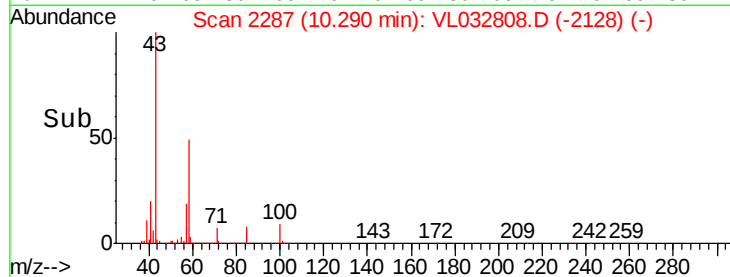
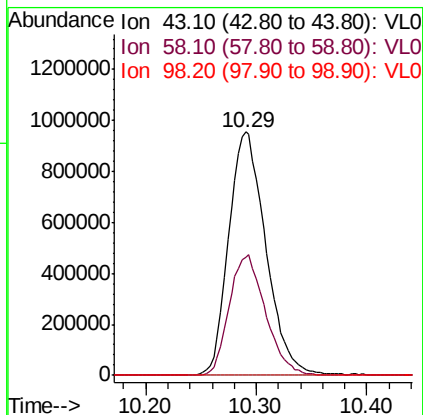
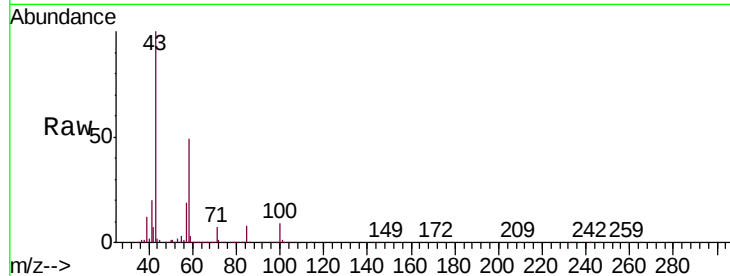
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





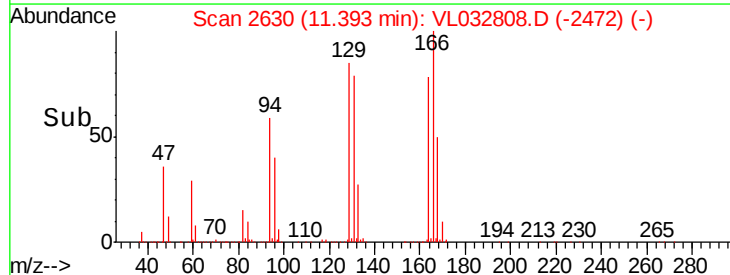
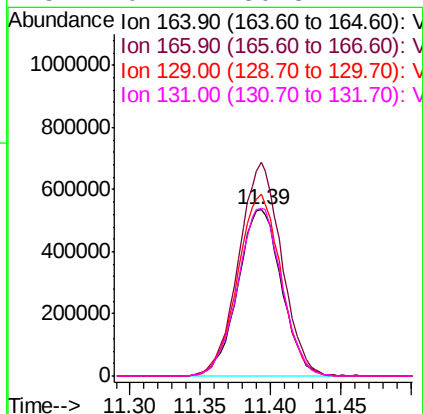
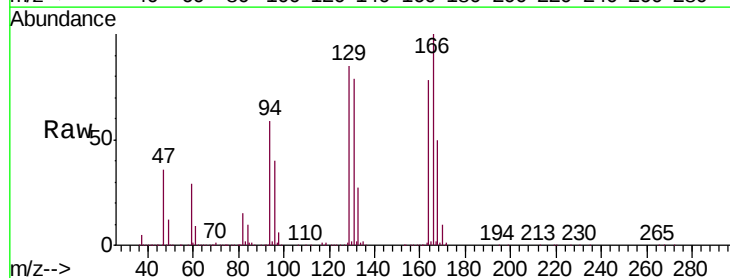
#51
2-Hexanone
Concen: 11.140 ppbv
RT: 10.29 min Scan# 2287
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

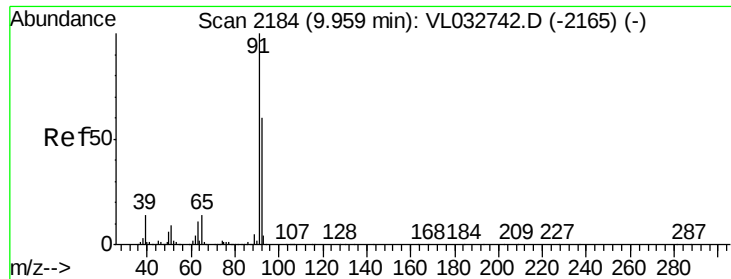
Tgt Ion: 43 Resp: 2225223
Ion Ratio Lower Upper
43 100
58 48.9 38.9 58.3
98 0.4 0.2 0.4#



#52
Tetrachloroethene
Concen: 10.918 ppbv
RT: 11.39 min Scan# 2630
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion: 164 Resp: 1157487
Ion Ratio Lower Upper
164 100
166 128.5 99.3 148.9
129 109.0 83.9 125.9
131 101.1 80.8 121.2





#53

Toluene

Concen: 11.647 ppbv

RT: 9.97 min Scan# 2186

Delta R.T. 0.01 min

Lab File: VL032808.D

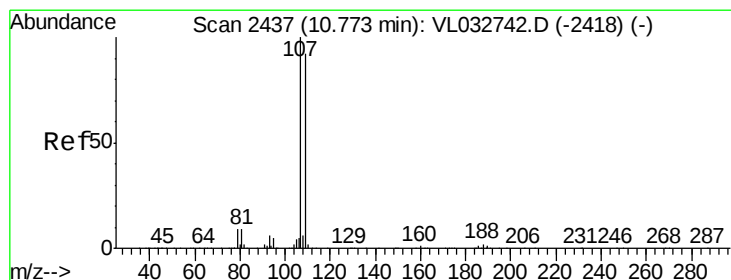
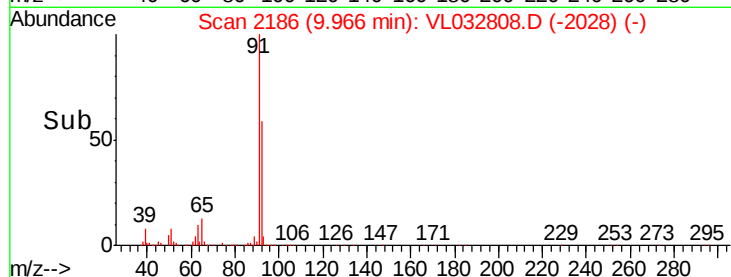
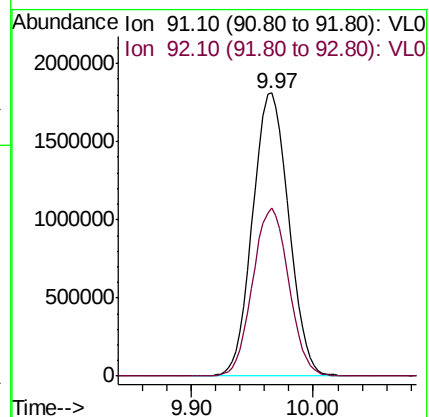
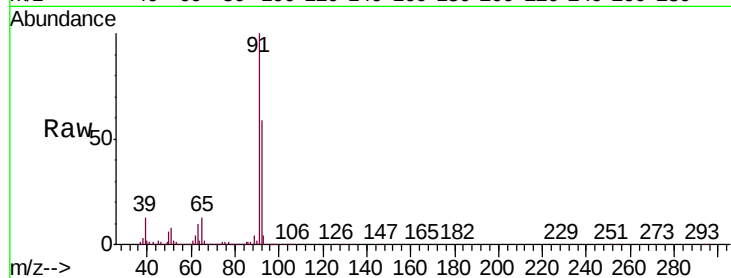
Acq: 27 Nov 2018 14:14

Tgt Ion: 91 Resp: 3703146

Ion Ratio Lower Upper

91 100

92 59.3 47.9 71.9



#54

1,2-Dibromoethane

Concen: 10.728 ppbv

RT: 10.78 min Scan# 2439

Delta R.T. 0.01 min

Lab File: VL032808.D

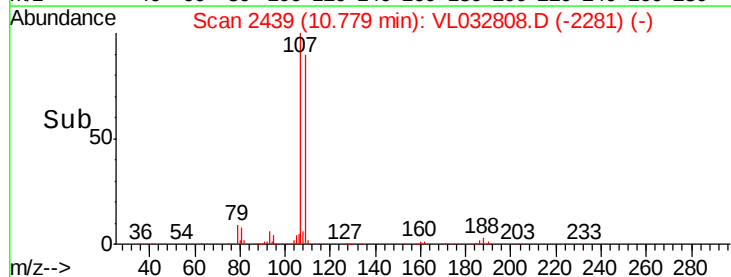
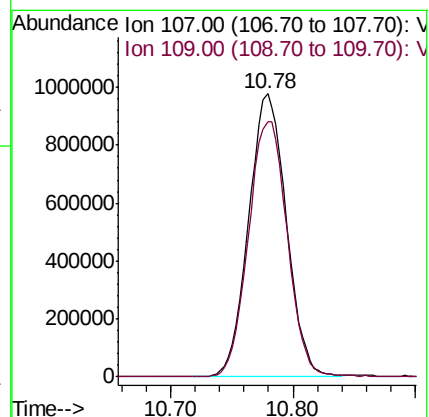
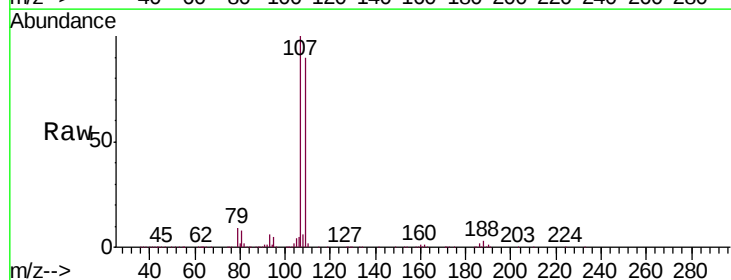
Acq: 27 Nov 2018 14:14

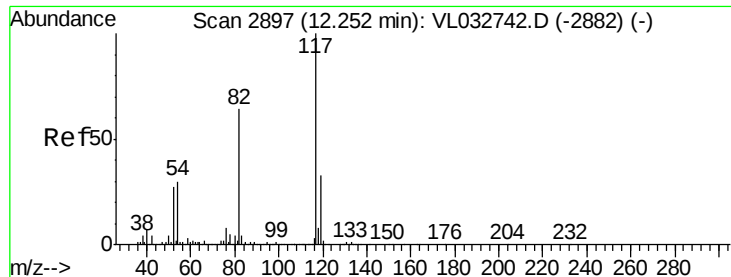
Tgt Ion: 107 Resp: 2082153

Ion Ratio Lower Upper

107 100

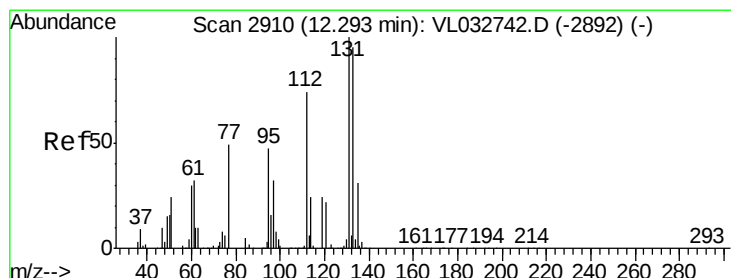
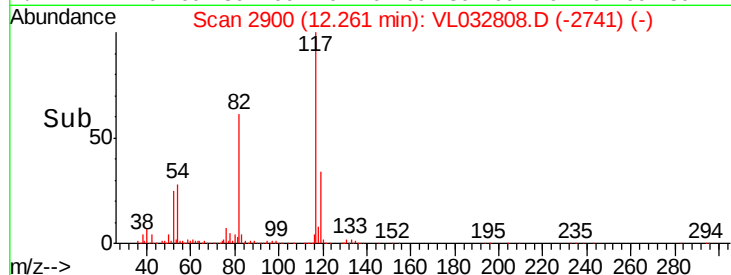
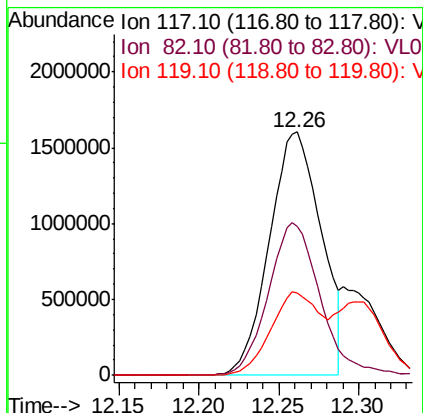
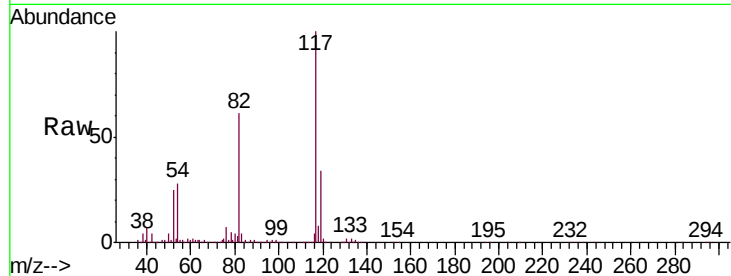
109 89.9 73.8 110.8





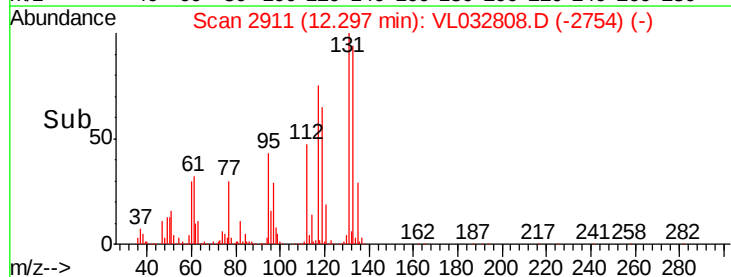
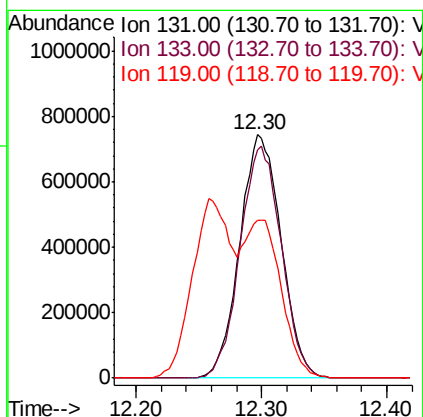
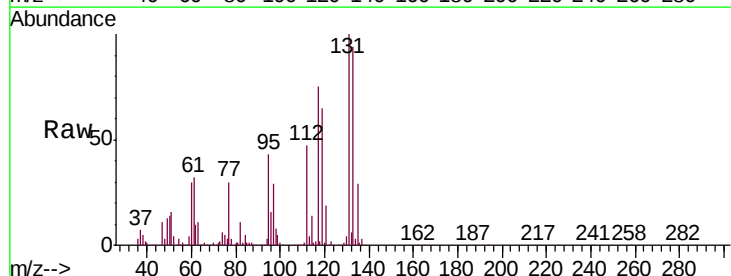
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.26 min Scan# 2900
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

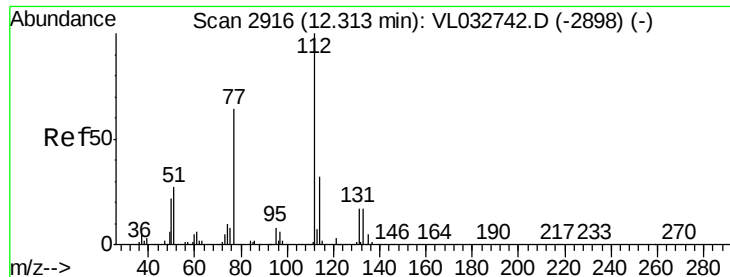
Tgt Ion:117 Resp: 3613531
Ion Ratio Lower Upper
117 100
82 62.7 51.0 76.6
119 35.1 28.0 42.0



#56
1,1,1,2-Tetrachloroethane
Concen: 10.091 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:131 Resp: 1700716
Ion Ratio Lower Upper
131 100
133 95.4 75.8 113.6
119 55.4 45.2 67.8





#57

Chlorobenzene

Concen: 10.202 ppbv

RT: 12.32 min Scan# 2919

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

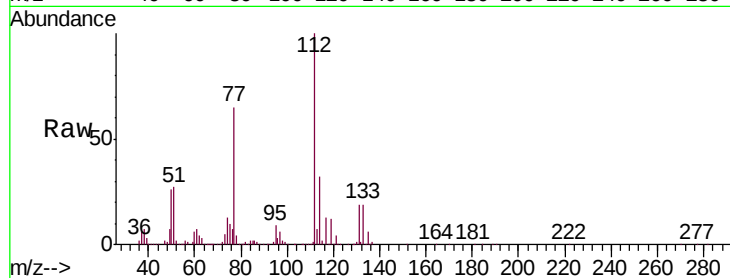
Tgt Ion: 112 Resp: 2822096

Ion Ratio Lower Upper

112 100

77 64.4 52.3 78.5

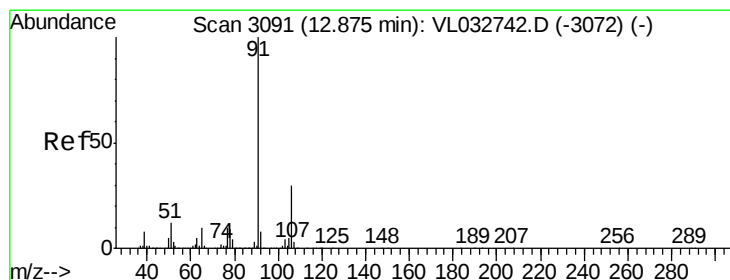
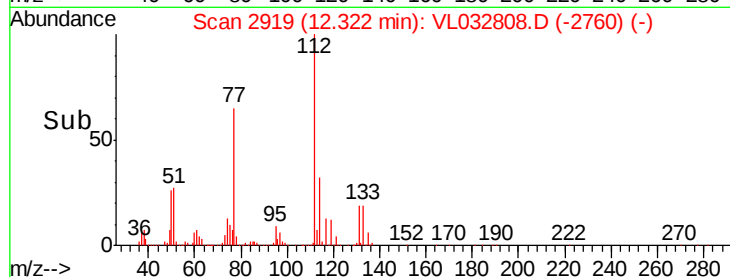
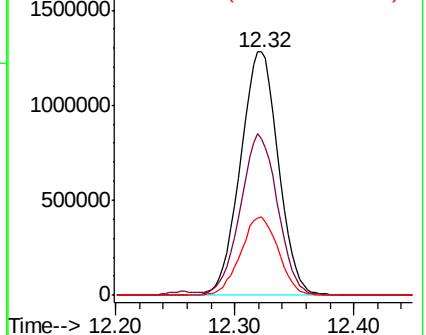
114 31.9 28.4 34.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 11.396 ppbv

RT: 12.88 min Scan# 3093

Delta R.T. 0.01 min

Lab File: VL032808.D

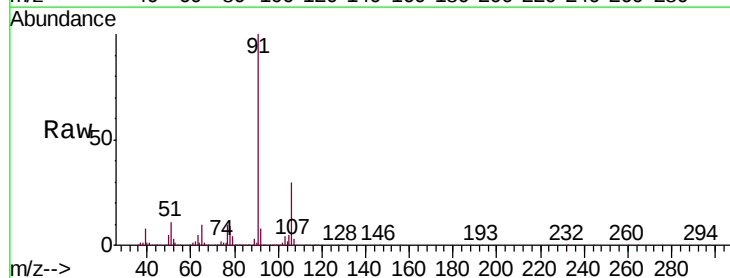
Acq: 27 Nov 2018 14:14

Tgt Ion: 91 Resp: 4955966

Ion Ratio Lower Upper

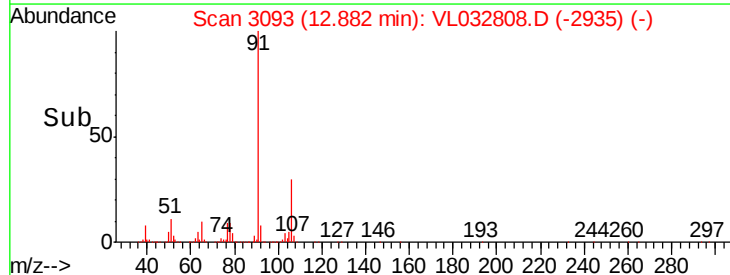
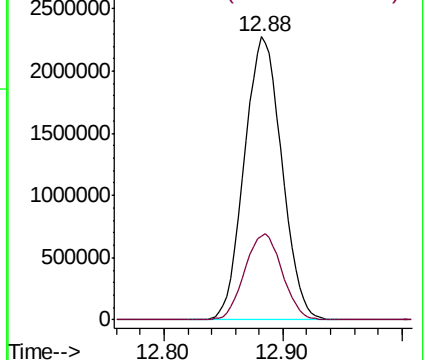
91 100

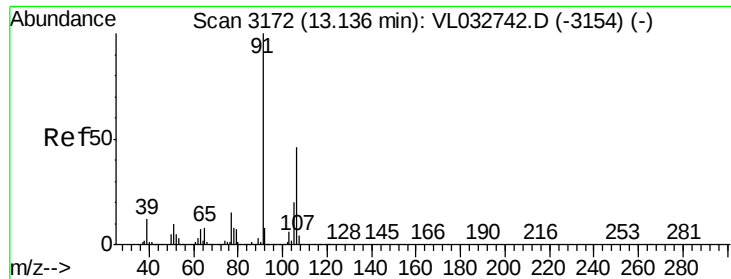
106 29.5 23.6 35.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

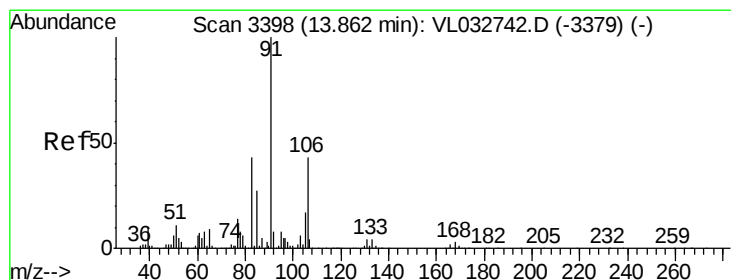
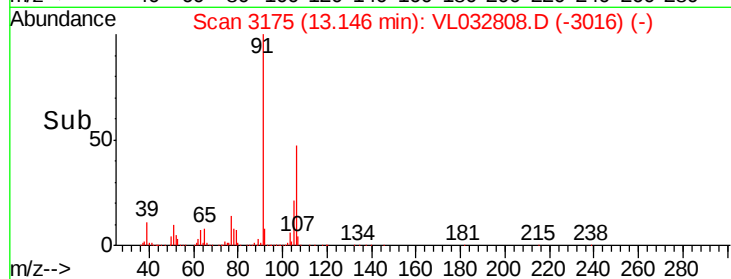
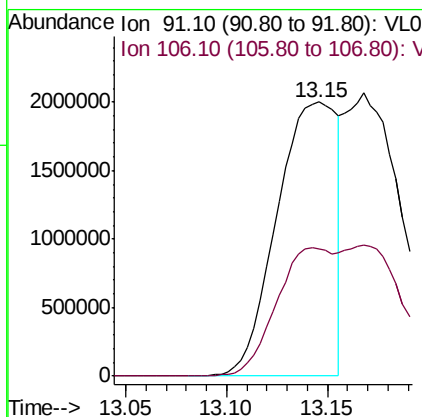
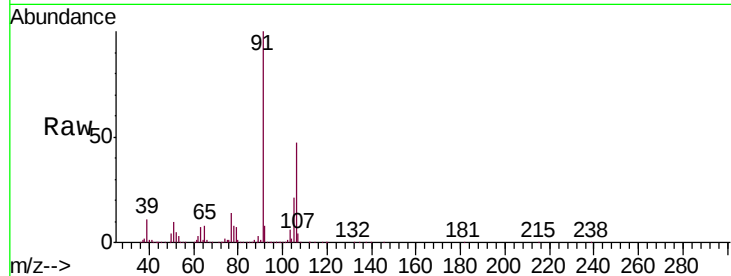
Ion 106.10 (105.80 to 106.80): V





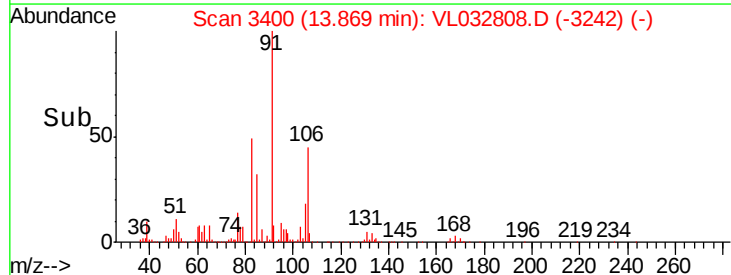
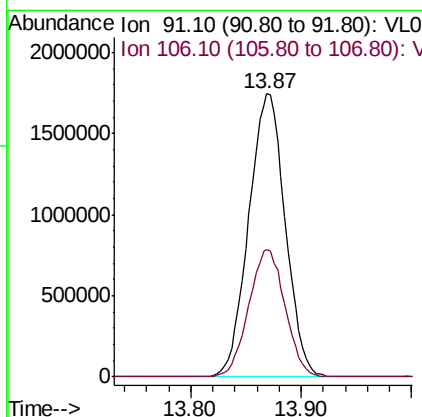
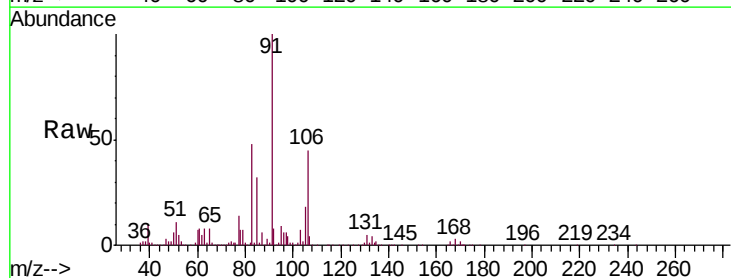
#59
m/p-Xylene
Concen: 10.624 ppbv
RT: 13.15 min Scan# 3175
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

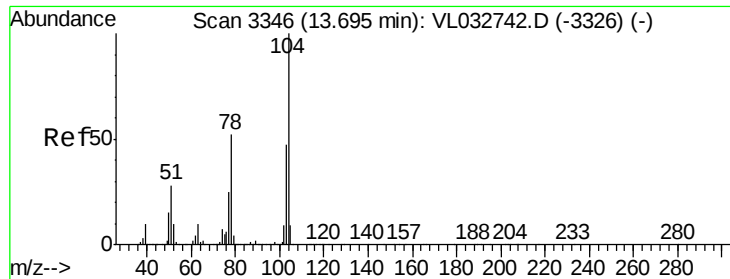
Tgt Ion: 91 Resp: 4113053
Ion Ratio Lower Upper
91 100
106 0.0 36.1 54.1#



#60
o-Xylene
Concen: 10.251 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

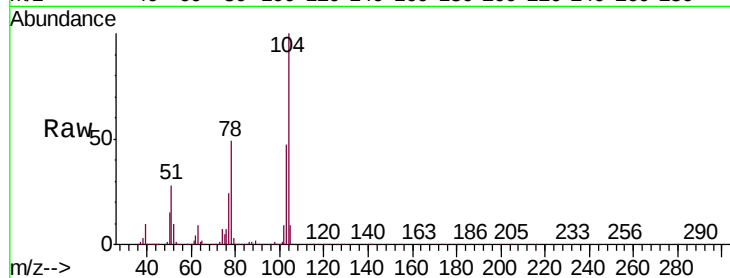
Tgt Ion: 91 Resp: 3990497
Ion Ratio Lower Upper
91 100
106 44.7 21.9 65.7



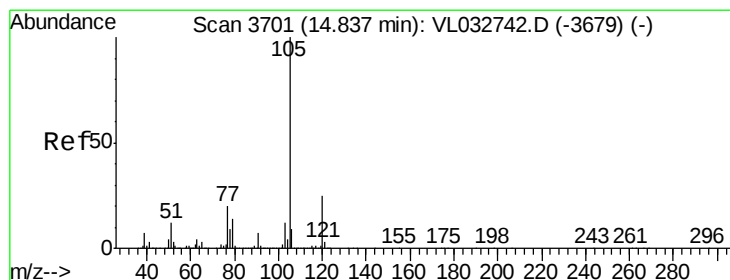
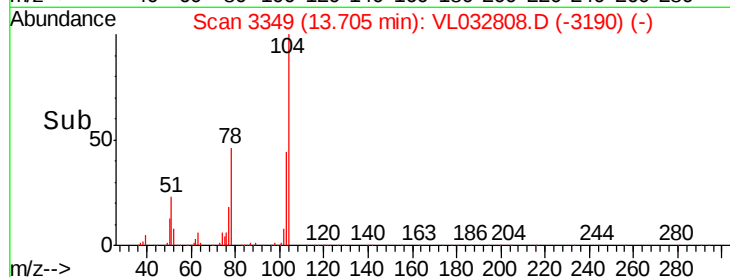
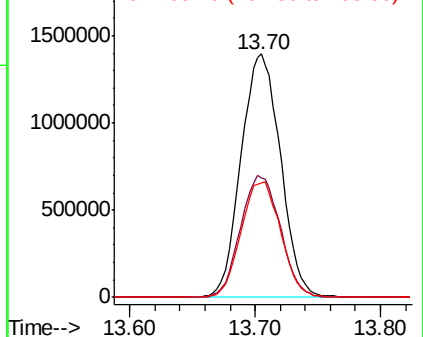


#61
Styrene
Concen: 12.046 ppbv
RT: 13.70 min Scan# 3349
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:104 Resp: 3052368
Ion Ratio Lower Upper
104 100
78 50.5 42.2 63.4
103 47.9 38.2 57.2

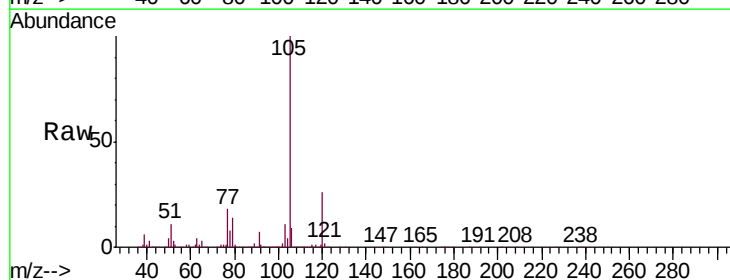


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VL0
Ion 103.10 (102.80 to 103.80): V

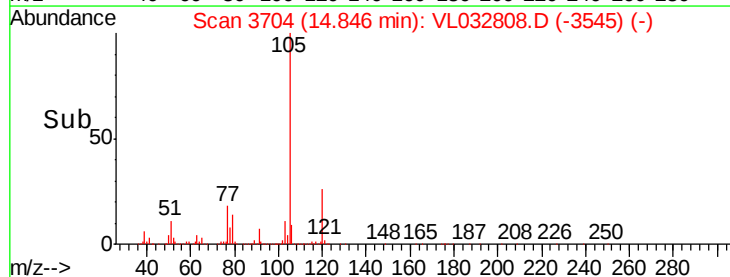
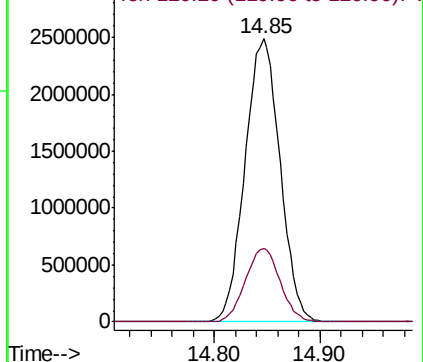


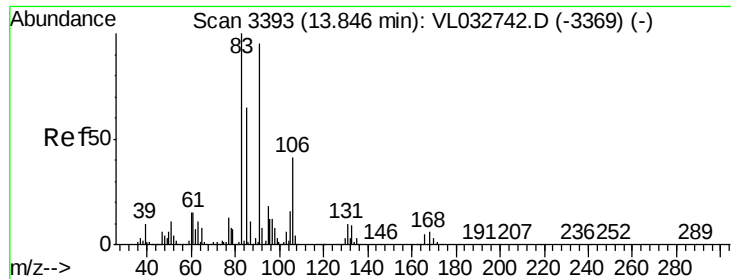
#62
Isopropylbenzene
Concen: 10.943 ppbv
RT: 14.85 min Scan# 3704
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:105 Resp: 5757702
Ion Ratio Lower Upper
105 100
120 25.8 20.1 30.1



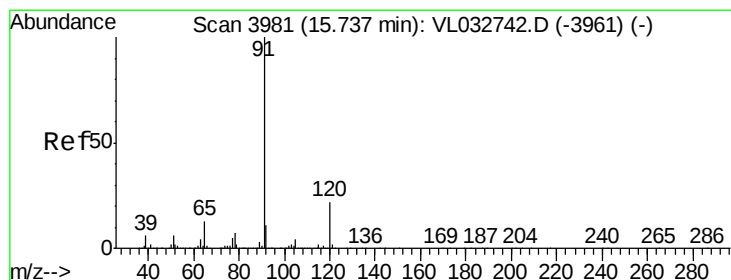
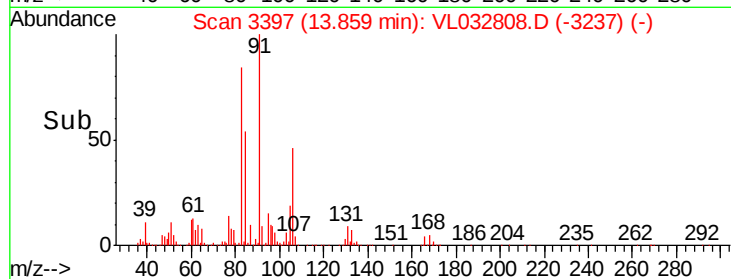
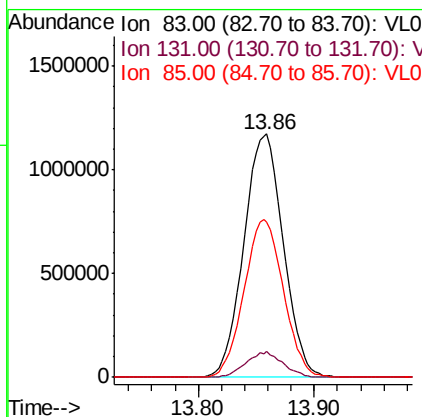
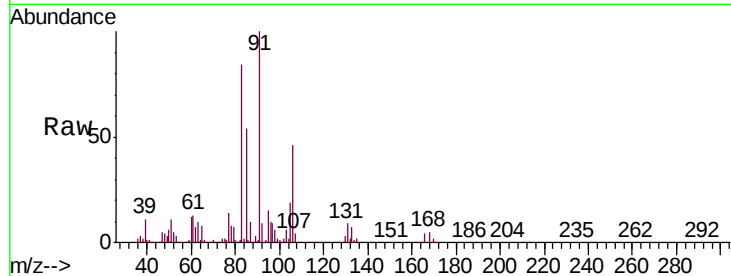
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V





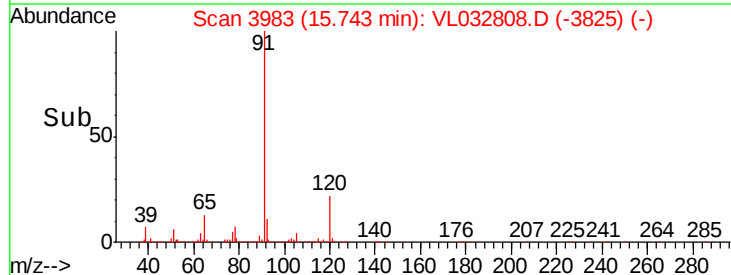
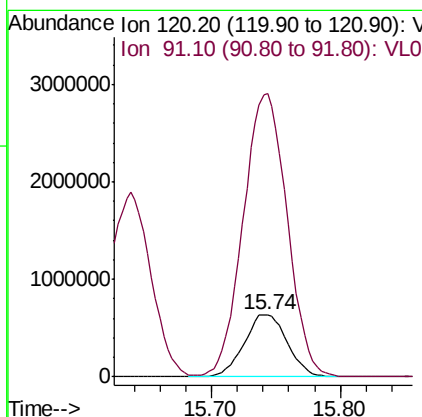
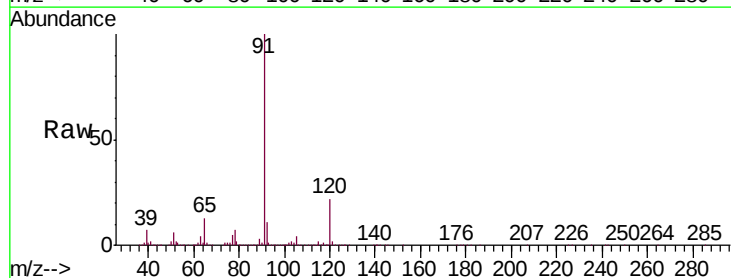
#63
 1,1,2,2-Tetrachloroethane
 Concen: 9.151 ppbv
 RT: 13.86 min Scan# 3397
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

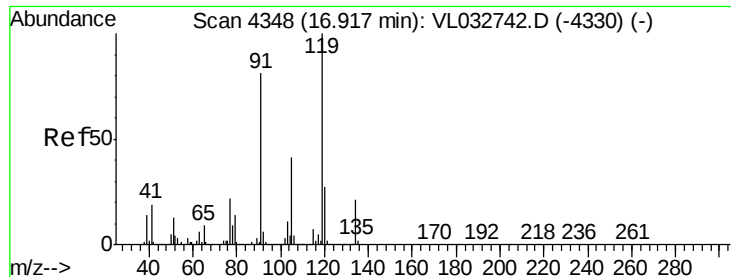
Tgt Ion: 83 Resp: 2776733
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.7 14.1
 85 64.8 32.5 97.4



#64
 n-propylbenzene
 Concen: 10.726 ppbv
 RT: 15.74 min Scan# 3983
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

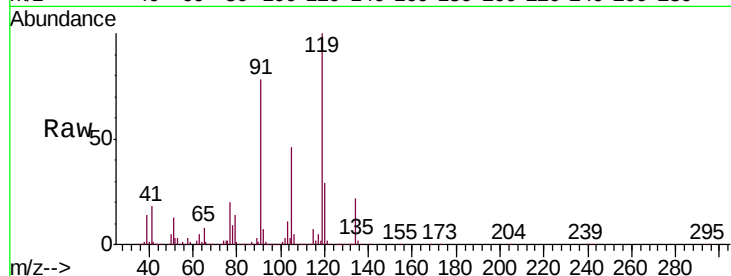
Tgt Ion: 120 Resp: 1484441
 Ion Ratio Lower Upper
 120 100
 91 464.1 381.7 572.5



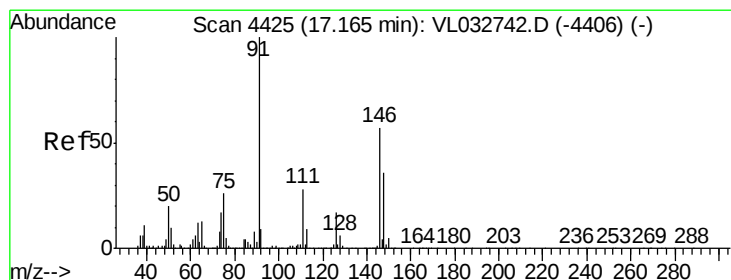
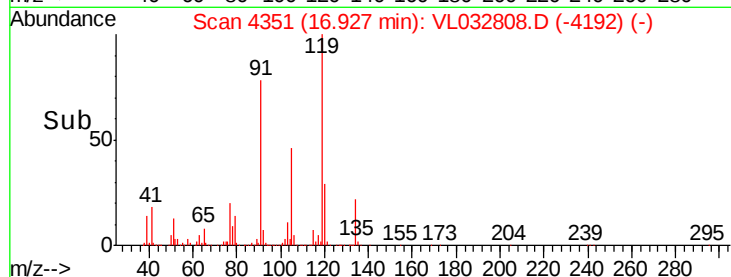
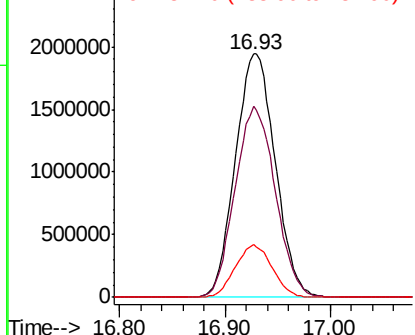


#65
tert-Butylbenzene
Concen: 10.789 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion: 119 Resp: 5088817
Ion Ratio Lower Upper
119 100
91 79.5 65.6 98.4
134 20.2 15.9 23.9

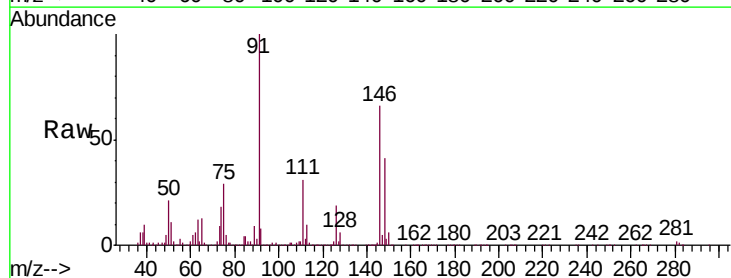


Abundance Ion 119.20 (118.90 to 119.90): V
Ion 91.10 (90.80 to 91.80): VL0
Ion 134.20 (133.90 to 134.90): V

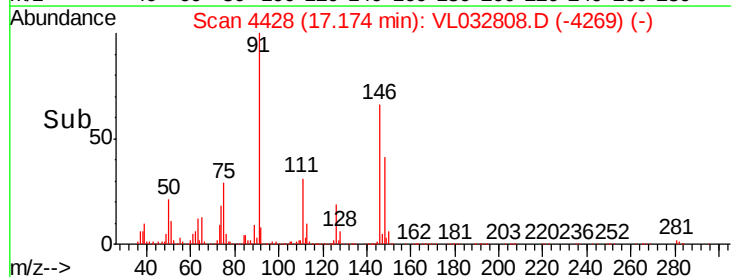
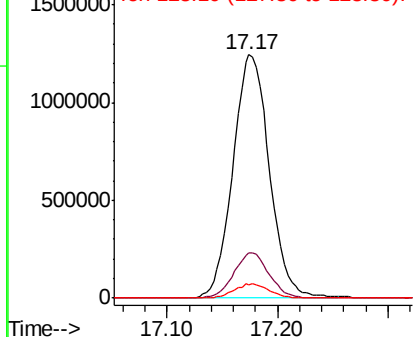


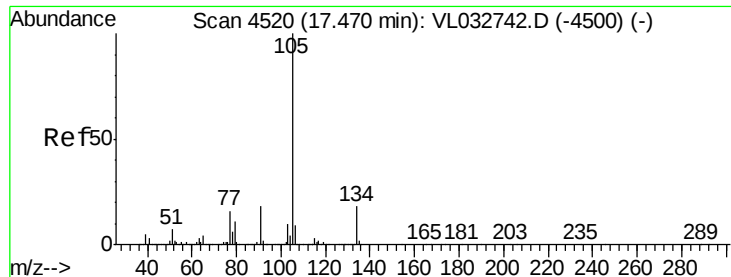
#66
Benzyl Chloride
Concen: 10.872 ppbv
RT: 17.17 min Scan# 4428
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion: 91 Resp: 2835009
Ion Ratio Lower Upper
91 100
126 18.1 14.2 21.2
128 5.8 4.5 6.7



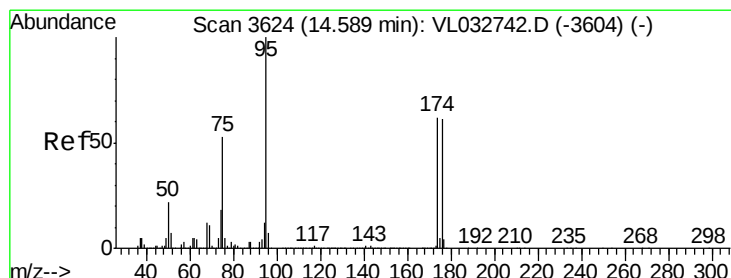
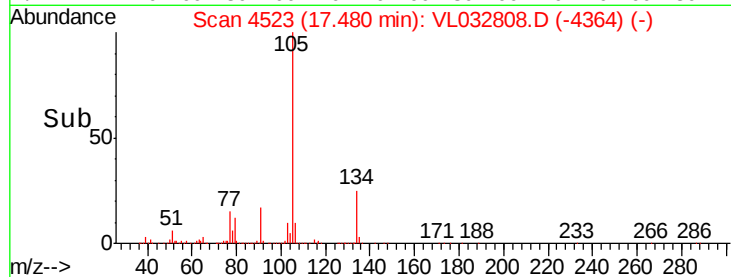
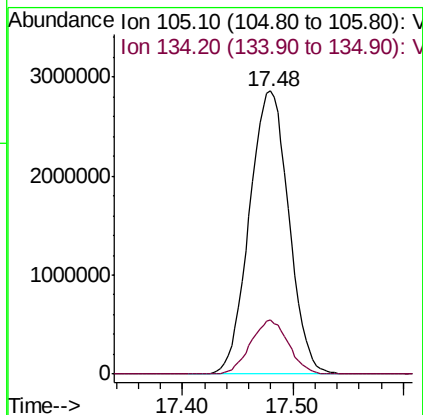
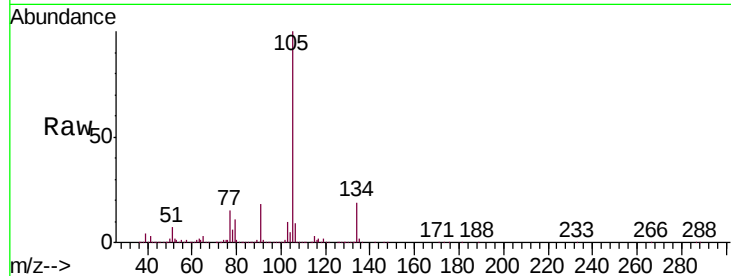
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V





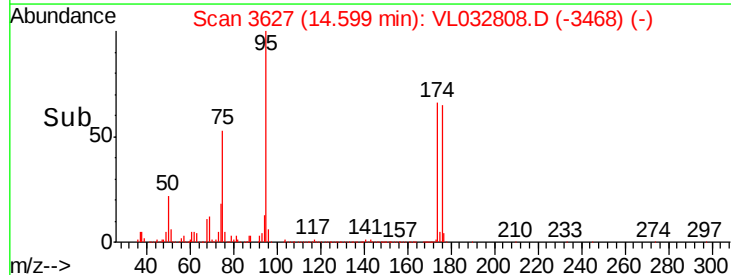
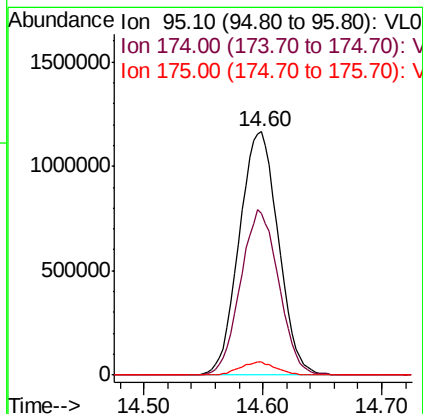
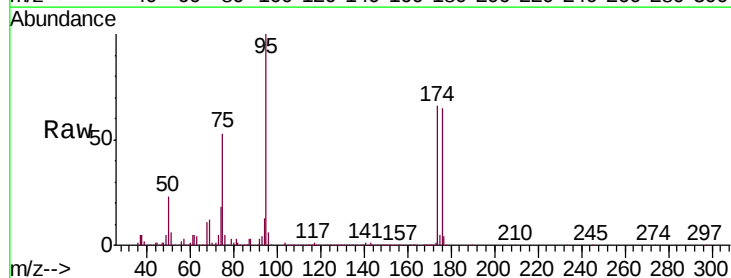
#67
 sec-Butylbenzene
 Concen: 10.399 ppbv
 RT: 17.48 min Scan# 4523
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

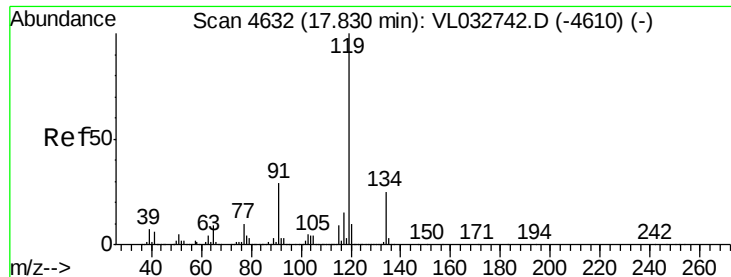
Tgt Ion: 105 Resp: 7068268
 Ion Ratio Lower Upper
 105 100
 134 18.5 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.806 ppbv
 RT: 14.60 min Scan# 3627
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion: 95 Resp: 2650387
 Ion Ratio Lower Upper
 95 100
 174 66.8 50.7 76.1
 175 5.0 3.8 5.6

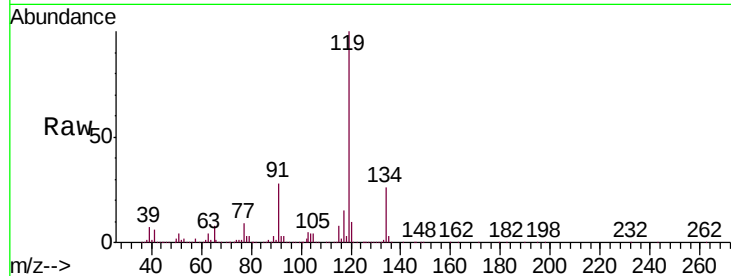




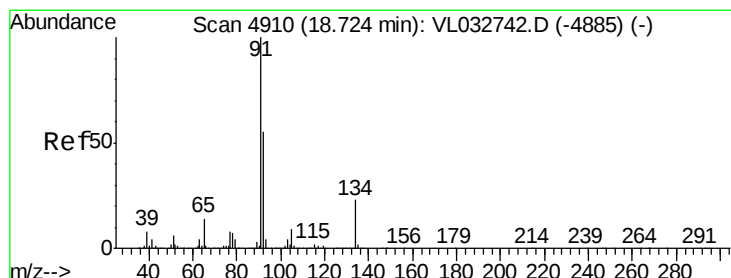
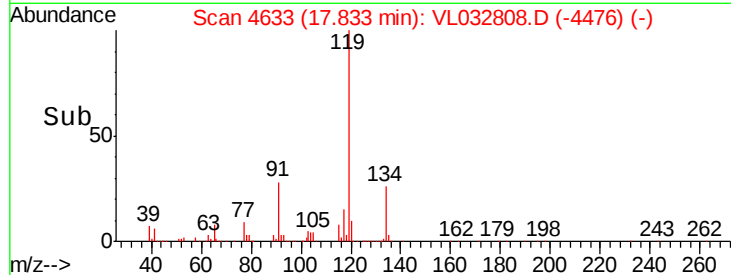
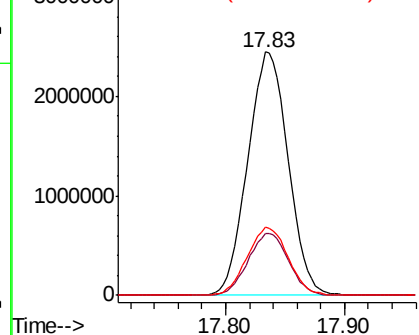
#69
p-Isopropyltoluene
Concen: 10.620 ppbv
RT: 17.83 min Scan# 4633
Delta R.T. 0.00 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion: 119 Resp: 5739702

Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.2	30.4
91	28.3	23.5	35.3



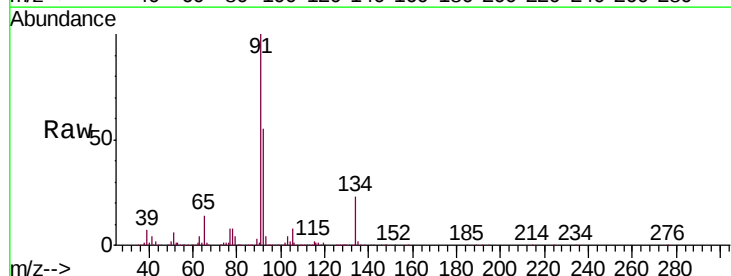
Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V



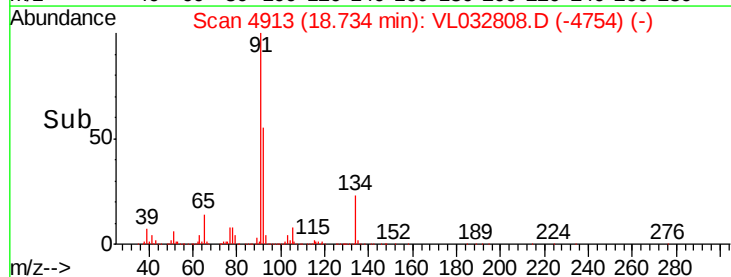
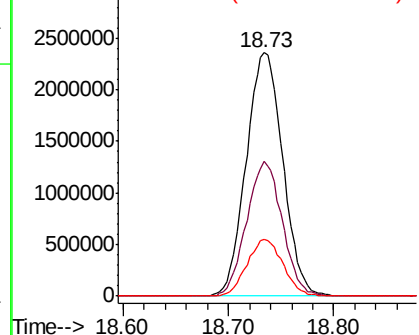
#70
n-Butylbenzene
Concen: 10.387 ppbv
RT: 18.73 min Scan# 4913
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

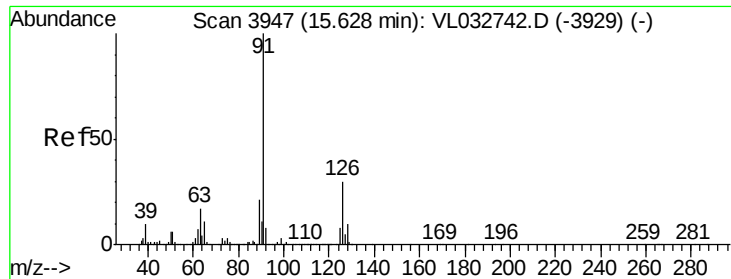
Tgt Ion: 91 Resp: 5699992

Ion	Ratio	Lower	Upper
91	100		
92	53.9	42.9	64.3
134	22.9	17.8	26.8



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0
Ion 134.20 (133.90 to 134.90): V





#71

2-Chlorotoluene

Concen: 10.886 ppbv

RT: 15.64 min Scan# 3950

Delta R.T. 0.01 min

Lab File: VL032808.D

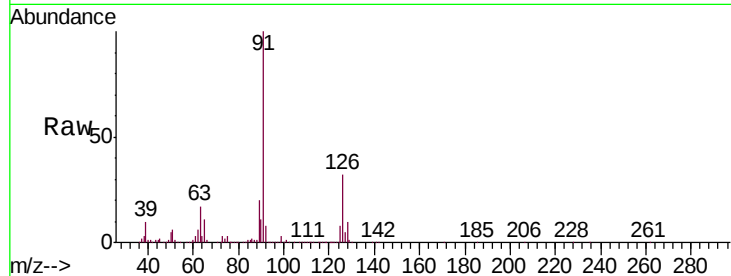
Acq: 27 Nov 2018 14:14

Tgt Ion: 91 Resp: 4271405

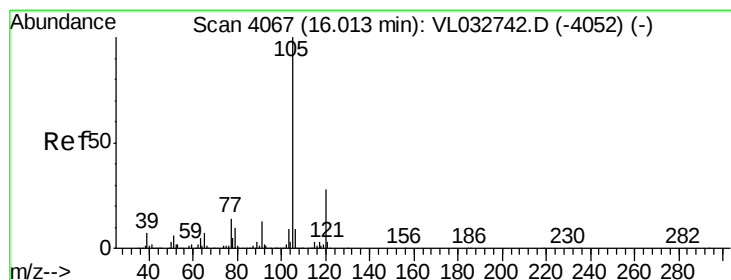
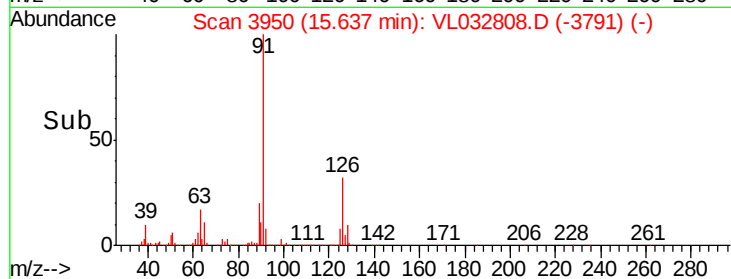
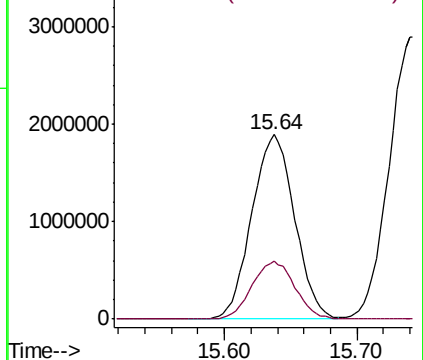
Ion Ratio Lower Upper

91 100

126 31.6 12.1 48.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 10.885 ppbv

RT: 16.02 min Scan# 4069

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

Tgt Ion: 105 Resp: 4644107

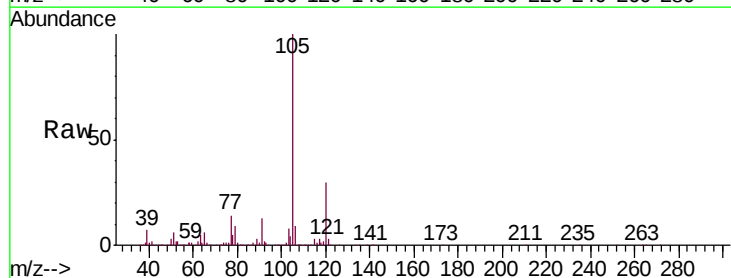
Ion Ratio Lower Upper

105 100

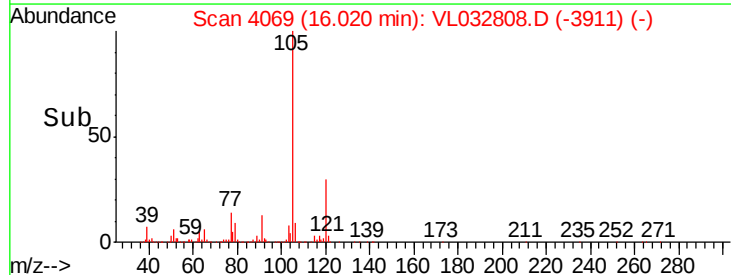
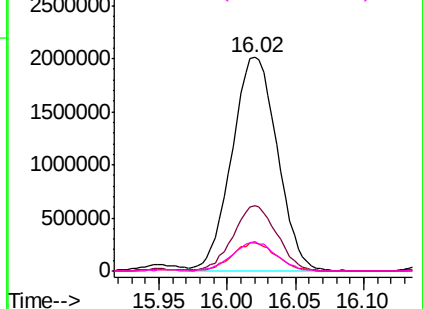
120 29.4 22.9 34.3

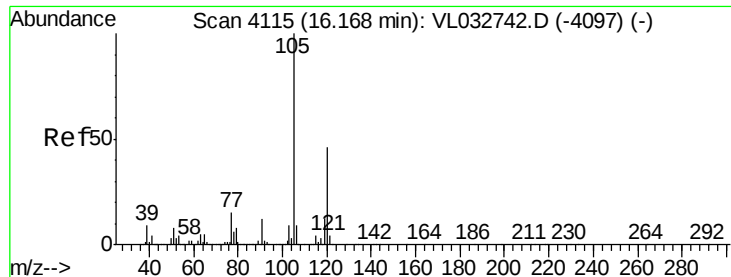
91 12.8 10.6 15.8

77 13.5 11.4 17.2



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

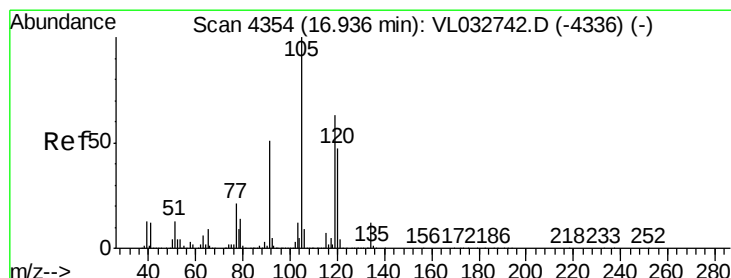
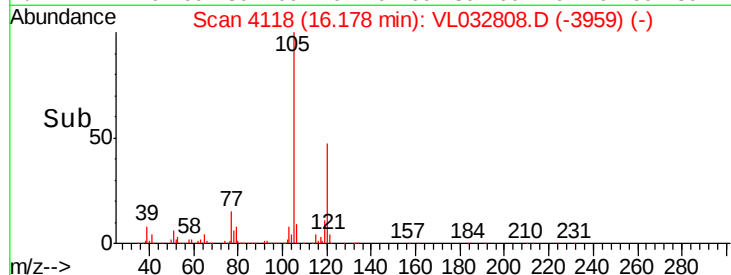
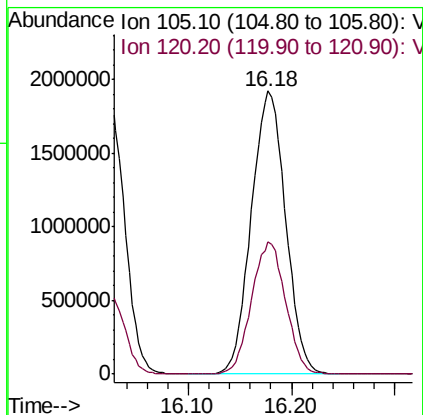
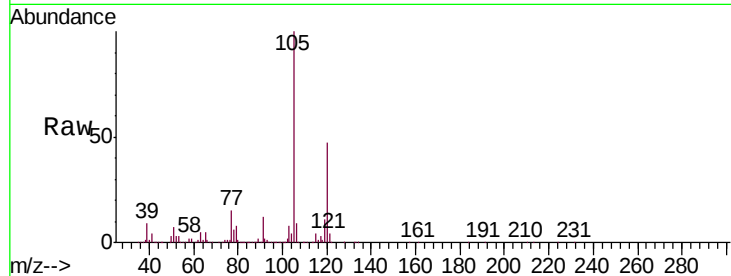




#73

1,3,5-Trimethylbenzene
Concen: 10.573 ppbv
RT: 16.18 min Scan# 4118
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

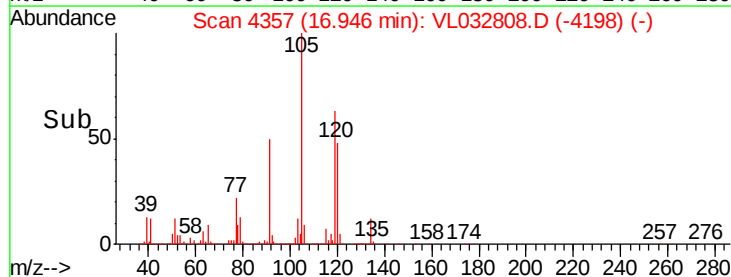
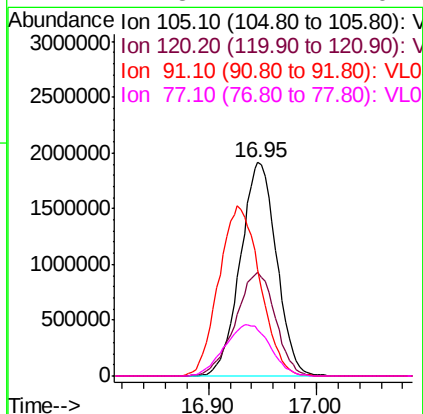
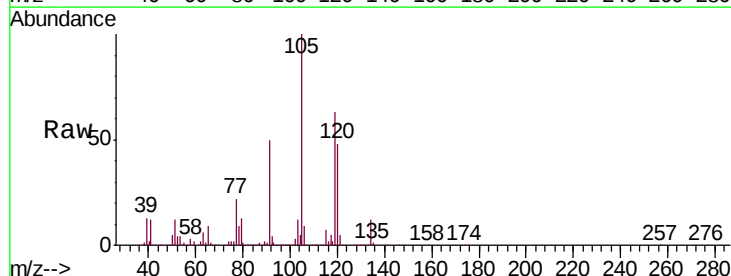
Tgt Ion:105 Resp: 4410778
Ion Ratio Lower Upper
105 100
120 46.5 36.6 55.0

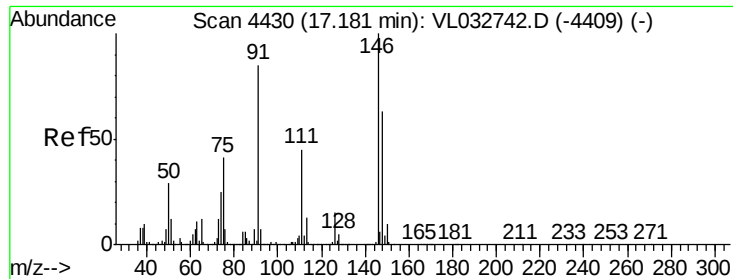


#74

1,2,4-Trimethylbenzene
Concen: 9.983 ppbv
RT: 16.95 min Scan# 4357
Delta R.T. 0.01 min
Lab File: VL032808.D
Acq: 27 Nov 2018 14:14

Tgt Ion:105 Resp: 4456638
Ion Ratio Lower Upper
105 100
120 48.2 37.6 56.4
91 49.6 42.5 63.7
77 21.8 17.4 26.2





#75

1,3-Dichlorobenzene

Concen: 9.824 ppbv

RT: 17.18 min Scan# 4431

Delta R.T. 0.00 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

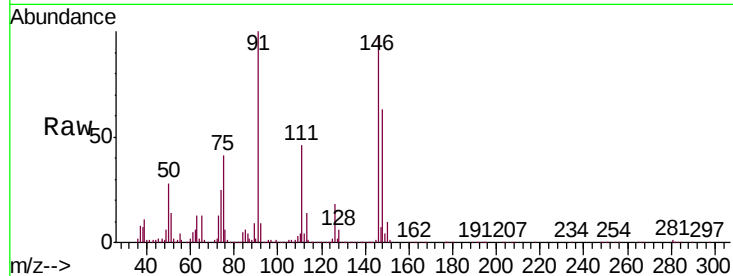
Tgt Ion:146 Resp: 2515674

Ion Ratio Lower Upper

146 100

111 46.7 23.5 70.6

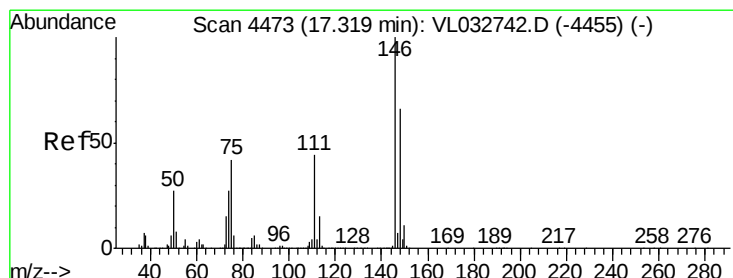
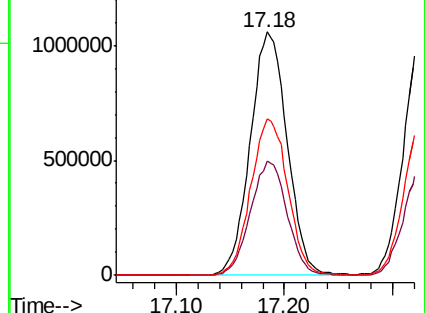
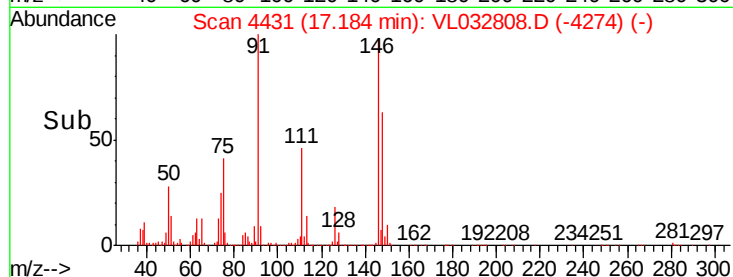
148 64.5 31.8 95.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 10.339 ppbv

RT: 17.33 min Scan# 4476

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

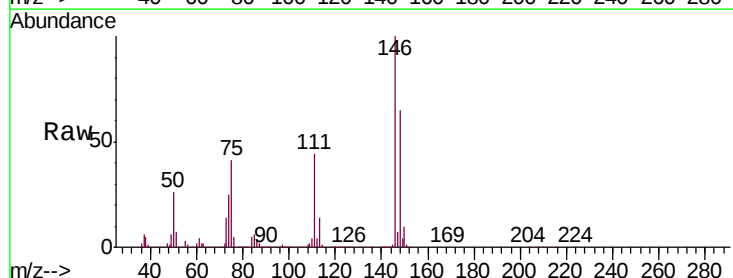
Tgt Ion:146 Resp: 2472894

Ion Ratio Lower Upper

146 100

111 44.8 22.5 67.5

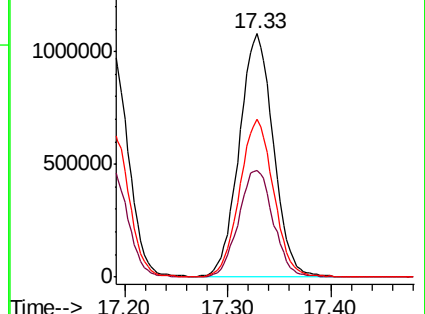
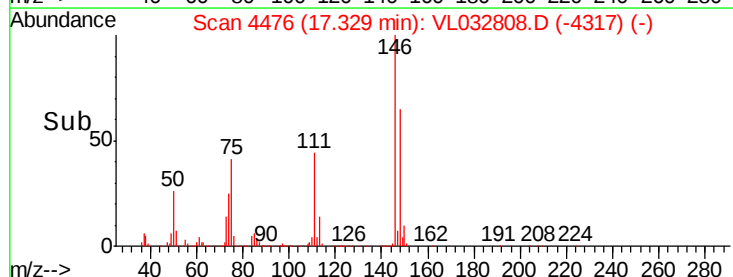
148 64.8 32.5 97.5

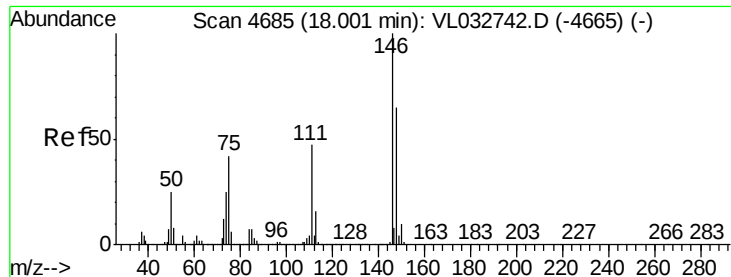


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

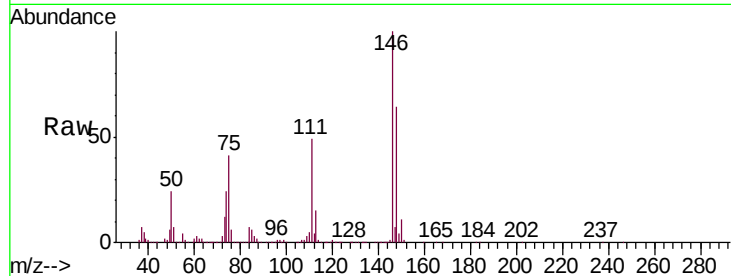
Ion 148.00 (147.70 to 148.70): V



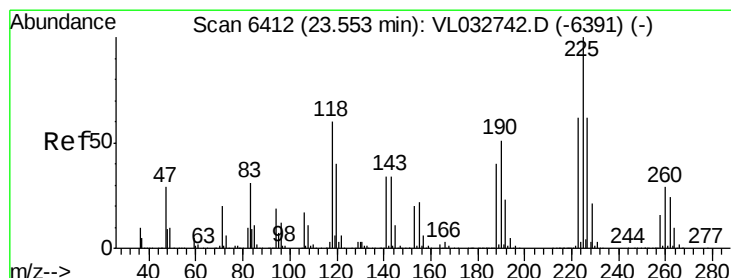
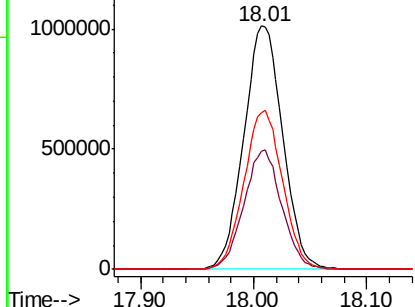
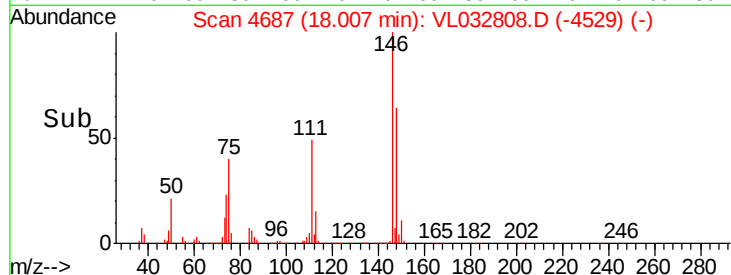


#77
 1,2-Dichlorobenzene
 Concen: 10.237 ppbv
 RT: 18.01 min Scan# 4687
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion:146 Resp: 2425131
 Ion Ratio Lower Upper
 146 100
 111 47.7 24.4 73.2
 148 64.9 32.2 96.6

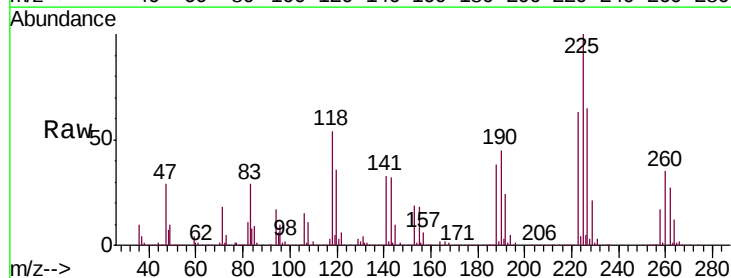


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

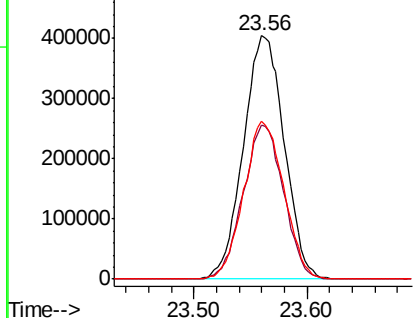
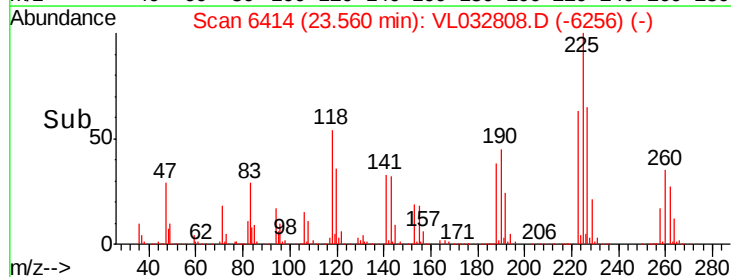


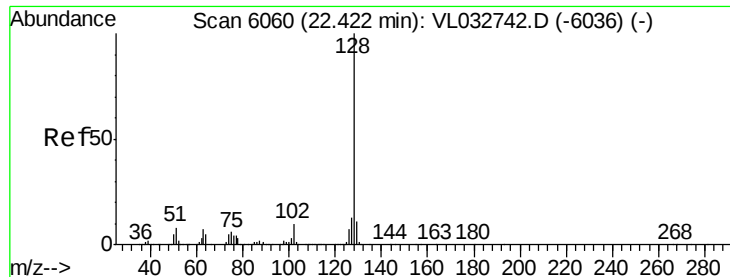
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.953 ppbv
 RT: 23.56 min Scan# 6414
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion:225 Resp: 1016833
 Ion Ratio Lower Upper
 225 100
 223 62.4 50.3 75.5
 227 63.8 50.2 75.4



Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 11.182 ppbv

RT: 22.44 min Scan# 6065

Delta R.T. 0.02 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

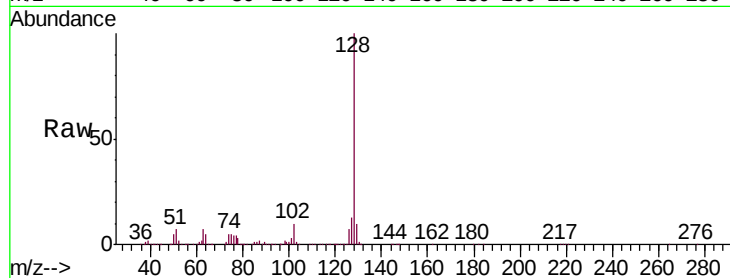
Tgt Ion:128 Resp: 3279215

Ion Ratio Lower Upper

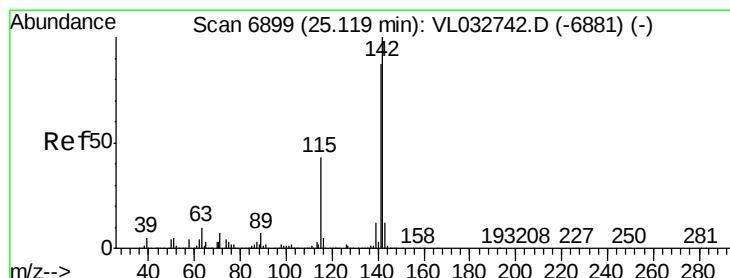
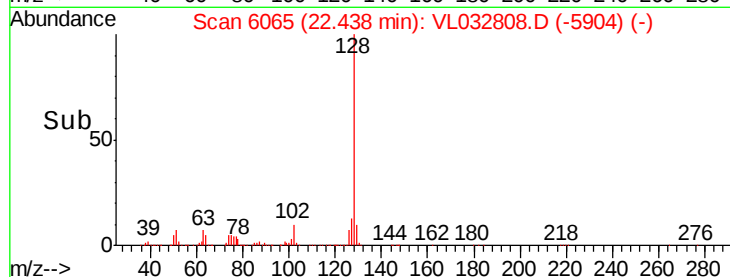
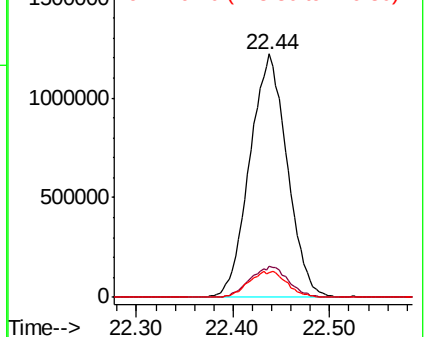
128 100

127 12.9 10.1 15.1

129 10.2 8.9 13.3



Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V



#80

Naphthalene, 2-methyl-

Concen: 11.154 ppbv

RT: 25.13 min Scan# 6902

Delta R.T. 0.01 min

Lab File: VL032808.D

Acq: 27 Nov 2018 14:14

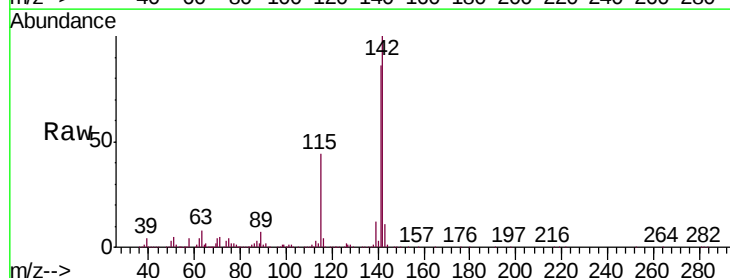
Tgt Ion:142 Resp: 819198

Ion Ratio Lower Upper

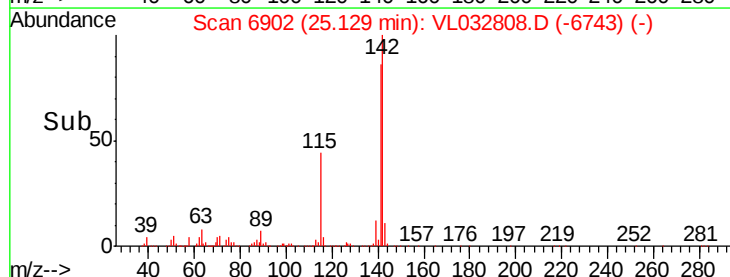
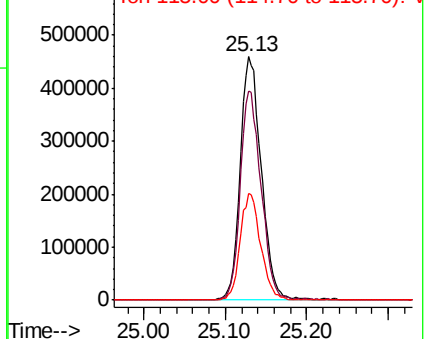
142 100

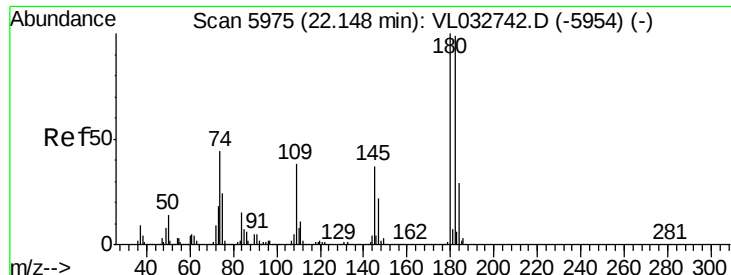
141 85.3 68.7 103.1

115 42.8 35.5 53.3



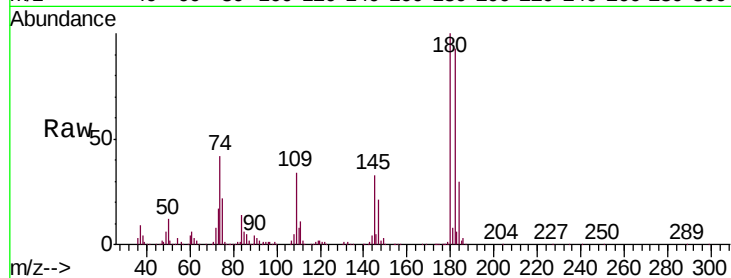
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 10.924 ppbv
 RT: 22.16 min Scan# 5979
 Delta R.T. 0.01 min
 Lab File: VL032808.D
 Acq: 27 Nov 2018 14:14

Tgt Ion	Resp	Lower	Upper
180	100		
182	95.6	77.3	115.9
184	30.4	24.2	36.4



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V

