

Data File : VL033247.D
Acq On : 6 Mar 2019 7:09
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 04:48:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 08:43:44 2019
QLast Update : Wed Mar 06 08:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1047356	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2397287	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3010404	10.00	ppbv	0.00

System Monitoring Compounds
68) 1-Bromo-4-Fluorobenzene 14.58 95 1853465 8.11 ppbv 0.00
Spiked Amount 10.000 Range 65 - 135 Recovery = 81.10%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.08	85	1381982	9.341 ppbv	97
3) Chlorodifluoromethane	3.02	51	1221522	10.191 ppbv	98
4) Chloromethane	3.17	50	659899	10.694 ppbv	96
5) Vinyl Chloride	3.29	62	634905	9.176 ppbv	97
6) Bromomethane	3.52	94	389069	9.833 ppbv	99
7) Chloroethane	3.60	64	232950	10.076 ppbv	96
8) Dichlorotetrafluoroethane	3.22	85	1498029	10.243 ppbv	98
9) Propene	3.04	41	567269	10.620 ppbv	98
10) Heptane	8.25	43	1374778	9.460 ppbv	100
11) Trichlorofluoromethane	4.01	101	1636578	9.421 ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.55	101	1093539	9.710 ppbv	100
13) Ethanol	3.65	45	106362	6.660 ppbv	99
14) Bromoethene	3.79	108	483902	10.198 ppbv	98
15) Acetone	3.90	43	1084747	8.048 ppbv	98
16) 1,3-Butadiene	3.36	39	519797	9.658 ppbv	90
17) tert-Butyl alcohol	4.35	59	237736	10.822 ppbv	99
18) 1,1-Dichloroethene	4.35	96	519863	10.367 ppbv	98
19) Isopropyl Alcohol	4.02	45	758066	9.461 ppbv	100
20) Methylene Chloride	4.41	84	443683	8.686 ppbv	95
21) Allyl Chloride	4.48	41	791991	10.529 ppbv	100
22) trans-1,2-Dichloroethene	4.97	96	503822	9.842 ppbv	98
23) Vinyl Acetate	5.16	43	2000629	10.063 ppbv	99
24) 1,1-Dichloroethane	5.09	63	1363757	9.621 ppbv	100
25) Ethyl Acetate	5.77	43	2315228	9.370 ppbv	99
26) Hexane	5.78	57	1036496	8.973 ppbv	98
27) Carbon Disulfide	4.62	76	1202464	10.799 ppbv	99
28) Methyl tert-Butyl Ether	5.11	73	1618500	10.160 ppbv	100
29) Chloroform	5.85	83	1687062	9.391 ppbv	98
30) Cyclohexane	7.25	84	850368	9.832 ppbv	98
31) cis-1,2-Dichloroethene	5.64	61	1090987	9.779 ppbv	96
32) 1,1,1-Trichloroethane	6.62	97	1618143	9.285 ppbv	99
34) 2-Butanone	5.33	43	1573727	9.475 ppbv	100
35) Carbon Tetrachloride	7.14	117	1630610	8.993 ppbv	98
36) Benzene	7.01	78	2138862	9.506 ppbv	98
37) 1,2-Dichloroethane	6.42	62	1280547	9.144 ppbv	99
38) Trichloroethene	7.96	130	779869	9.178 ppbv	99
39) 1,2-Dichloropropane	7.74	63	828012	9.426 ppbv	96
40) 1,4-Dioxane	7.96	88	282386	8.664 ppbv #	99
41) Tetrahydrofuran	6.15	42	911631	9.990 ppbv	99
42) Bromodichloromethane	7.92	83	1830535	9.243 ppbv	98
43) Methyl Methacrylate	8.14	69	882998	9.701 ppbv	98

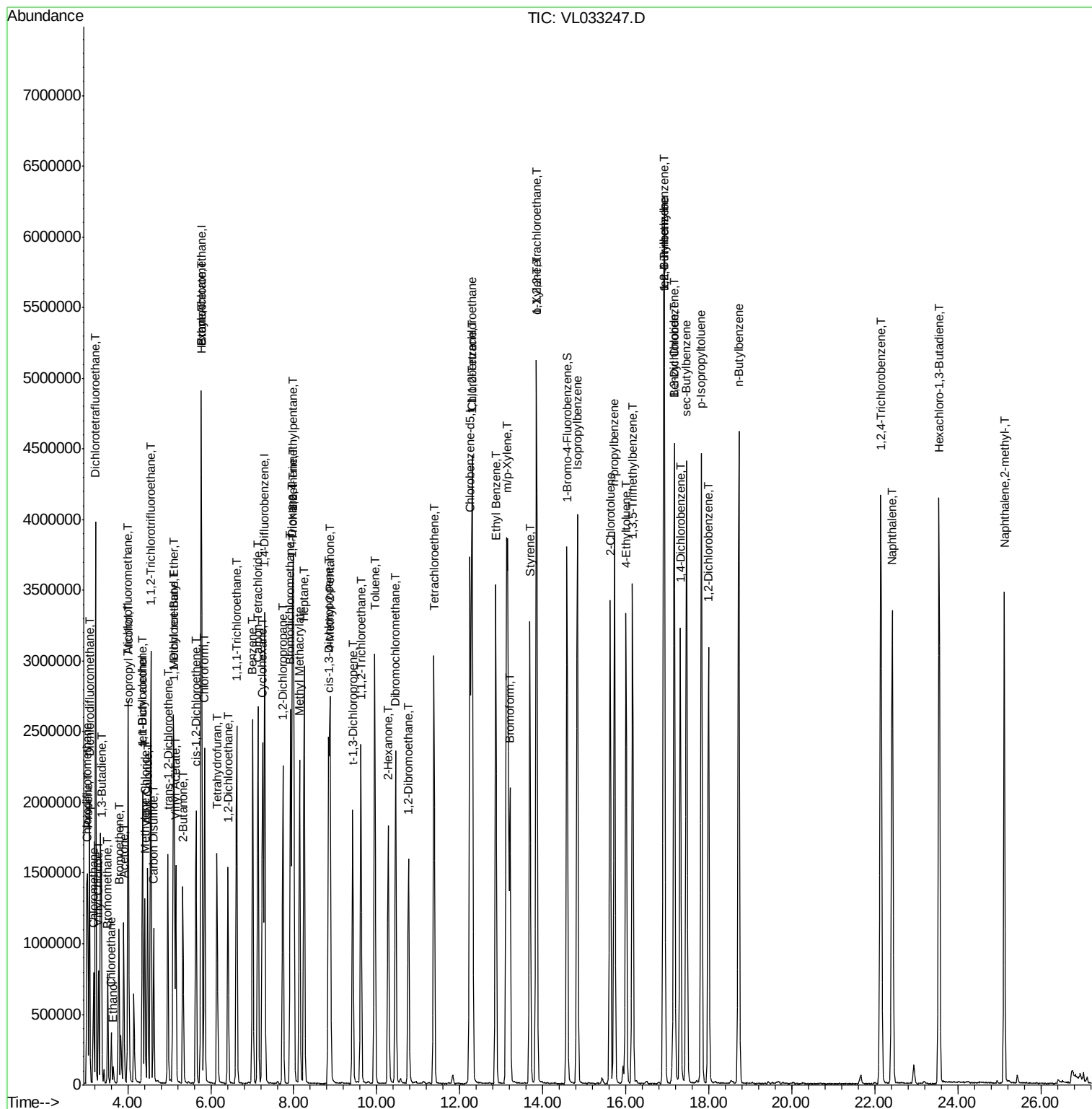
Data File : VL033247.D
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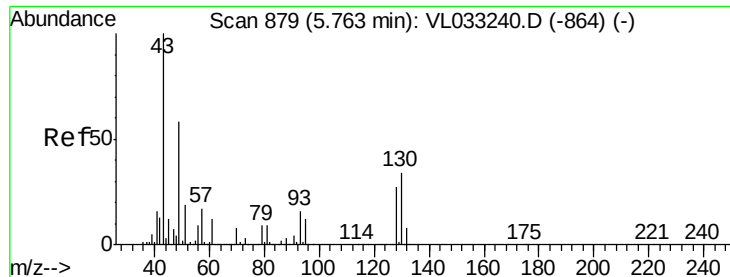
Quant Time: Mar 07 04:48:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 06 08:43:44 2019
QLast Update : Wed Mar 06 08:43:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.99	57	3577865	8.992	ppbv	99
45) t-1,3-Dichloropropene	9.42	75	1158987	10.523	ppbv	97
46) cis-1,3-Dichloropropene	8.84	75	1337929	10.183	ppbv	95
47) 1,1,2-Trichloroethane	9.62	97	857343	9.068	ppbv	97
48) Dibromochloromethane	10.45	129	1469212	9.594	ppbv	100
49) Bromoform	13.21	173	1203996	9.845	ppbv	100
50) 4-Methyl-2-Pentanone	8.87	43	2230897	9.080	ppbv	99
51) 2-Hexanone	10.27	43	1741937	9.479	ppbv #	100
52) Tetrachloroethene	11.37	164	768673	9.167	ppbv	97
53) Toluene	9.95	91	2496022	9.595	ppbv	100
54) 1,2-Dibromoethane	10.76	107	1343616	9.356	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.28	131	1020470	7.809	ppbv #	62
57) Chlorobenzene	12.31	112	1745239	7.446	ppbv	99
58) Ethyl Benzene	12.87	91	3362169	8.074	ppbv	100
59) m/p-Xylene	13.13	91	2744981	7.736	ppbv #	32
60) o-Xylene	13.85	91	2623905	7.755	ppbv	100
61) Styrene	13.69	104	1978316	8.315	ppbv	99
62) Isopropylbenzene	14.83	105	3662111	7.764	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.84	83	1690727	7.023	ppbv	100
64) n-propylbenzene	15.73	120	919771	7.866	ppbv	99
65) tert-Butylbenzene	16.91	119	3081529	7.652	ppbv	100
66) Benzyl Chloride	17.16	91	1534543	9.852	ppbv	100
67) sec-Butylbenzene	17.46	105	4447345	7.747	ppbv	100
69) p-Isopropyltoluene	17.82	119	3690035	7.949	ppbv	100
70) n-Butylbenzene	18.72	91	4013120	7.892	ppbv	100
71) 2-Chlorotoluene	15.62	91	2783932	7.719	ppbv	100
72) 4-Ethyltoluene	16.00	105	2977793	8.054	ppbv	99
73) 1,3,5-Trimethylbenzene	16.16	105	2840369	8.003	ppbv	99
74) 1,2,4-Trimethylbenzene	16.93	105	2871159	7.697	ppbv	97
75) 1,3-Dichlorobenzene	17.17	146	1665499	7.634	ppbv	98
76) 1,4-Dichlorobenzene	17.31	146	1666325	7.707	ppbv	99
77) 1,2-Dichlorobenzene	17.99	146	1631340	7.702	ppbv	100
78) Hexachloro-1,3-Butadiene	23.54	225	1102629	7.356	ppbv	100
79) Naphthalene	22.42	128	4414132	9.677	ppbv	99
80) Naphthalene,2-methyl-	25.11	142	1934075	14.192	ppbv	100
81) 1,2,4-Trichlorobenzene	22.14	180	2038511	8.894	ppbv	99

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

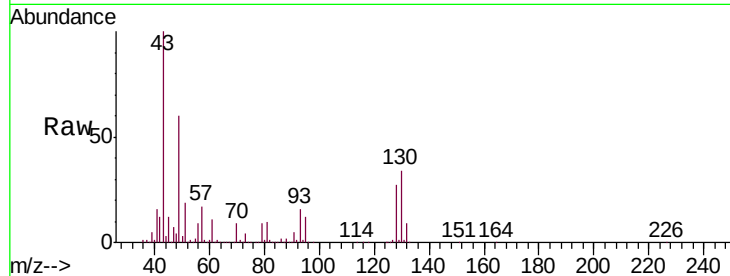
Quant Time: Mar 07 04:48:23 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_L\METHODS\VL030619AIR.M
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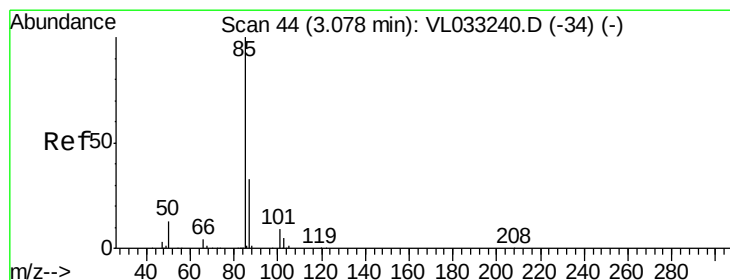
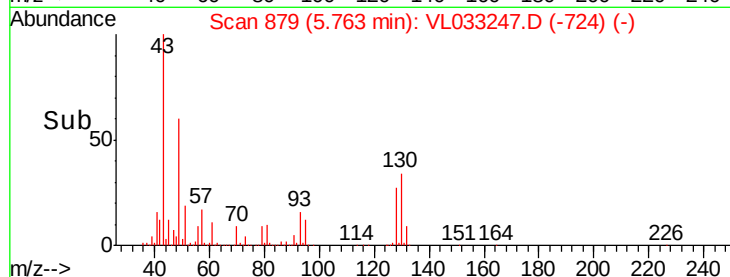
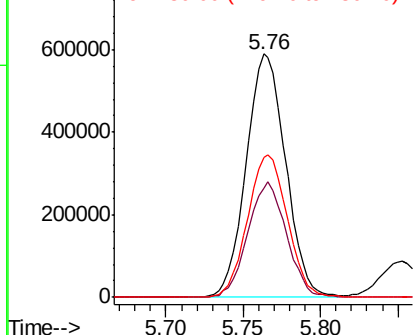


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 49 Resp: 1047356
Ion Ratio Lower Upper
49 100
128 46.6 22.9 68.8
130 59.4 29.3 88.0

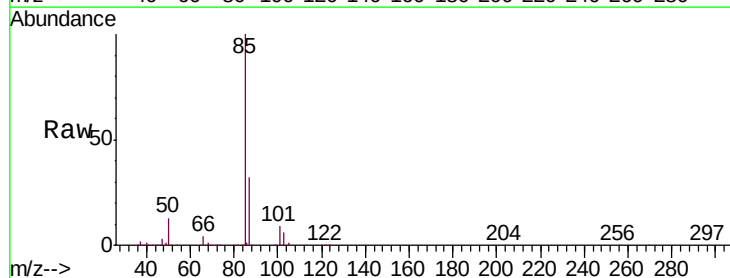


Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): VL0
Ion 130.00 (129.70 to 130.70): VL0

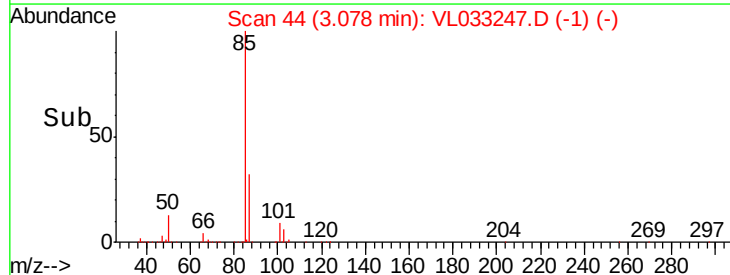
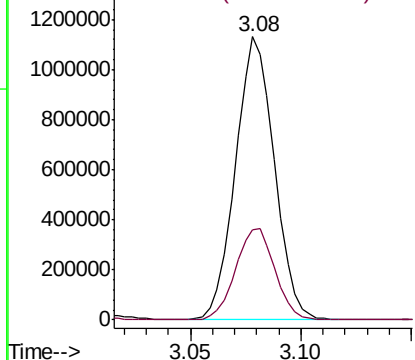


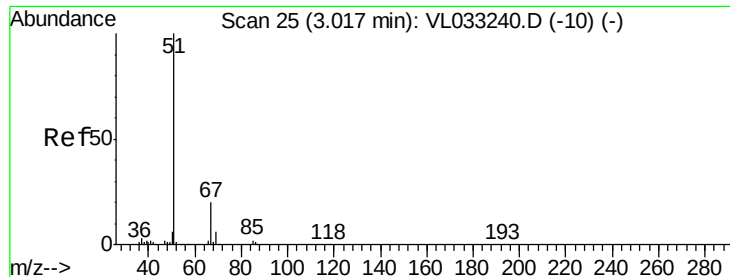
#2
Dichlorodifluoromethane
Concen: 9.341 ppbv
RT: 3.08 min Scan# 44
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 85 Resp: 1381982
Ion Ratio Lower Upper
85 100
87 31.6 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0
Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 10.191 ppbv

RT: 3.02 min Scan# 25

Delta R.T. -0.00 min

Lab File: VL033247.D

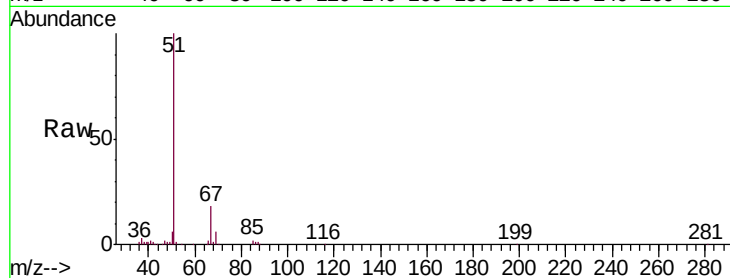
Acq: 6 Mar 2019 7:09

Tgt Ion: 51 Resp: 1221522

Ion Ratio Lower Upper

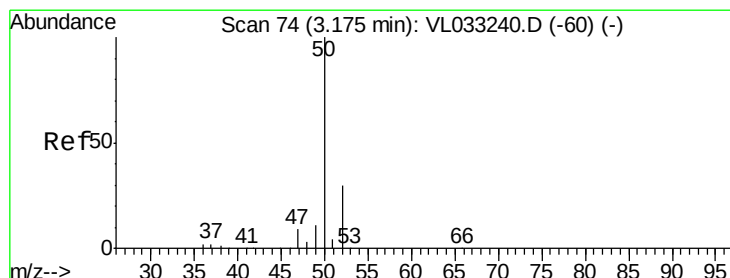
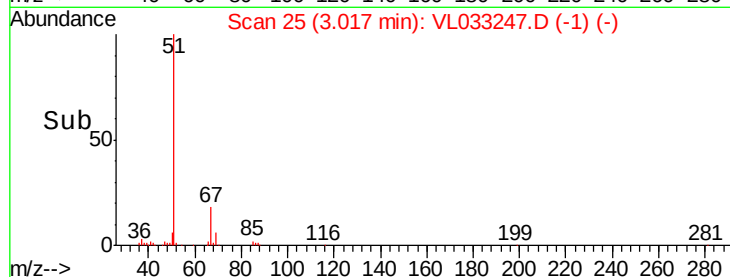
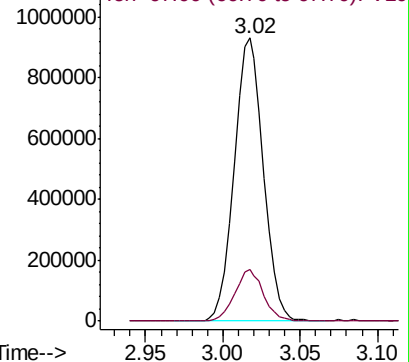
51 100

67 17.8 15.0 22.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 10.694 ppbv

RT: 3.17 min Scan# 74

Delta R.T. -0.00 min

Lab File: VL033247.D

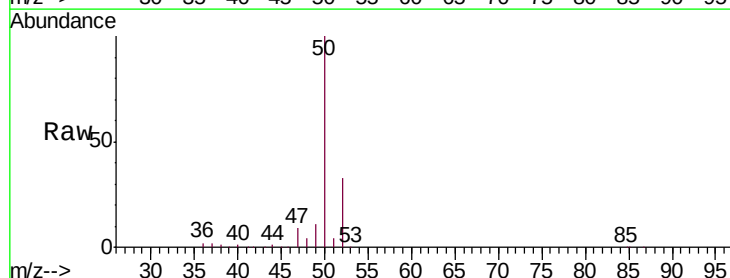
Acq: 6 Mar 2019 7:09

Tgt Ion: 50 Resp: 659899

Ion Ratio Lower Upper

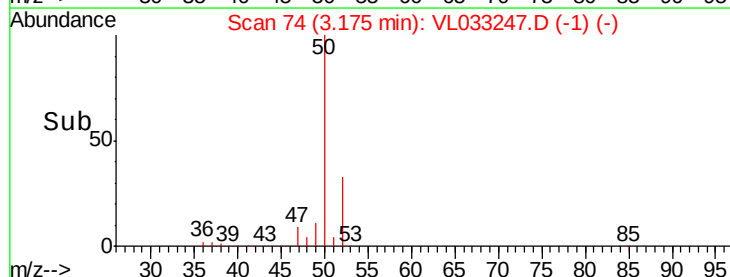
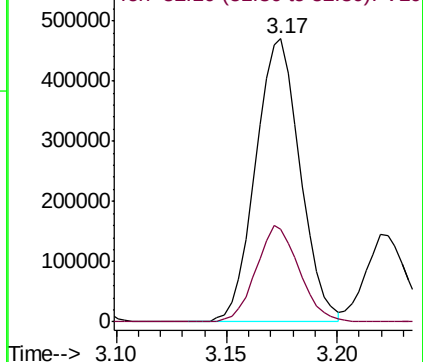
50 100

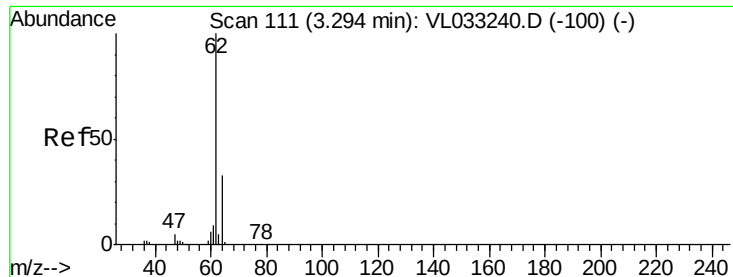
52 32.8 24.3 36.5



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 9.176 ppbv

RT: 3.29 min Scan# 111

Delta R.T. -0.00 min

Lab File: VL033247.D

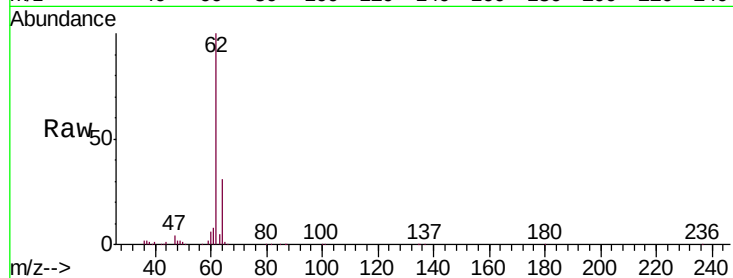
Acq: 6 Mar 2019 7:09

Tgt Ion: 62 Resp: 634905

Ion Ratio Lower Upper

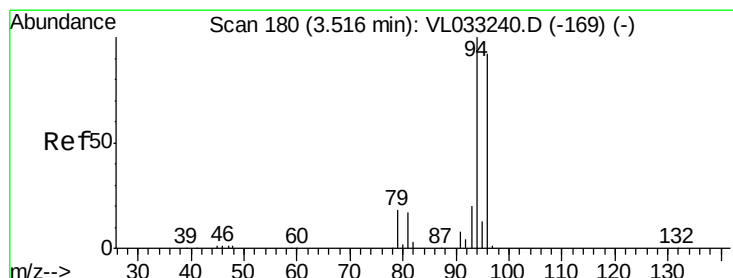
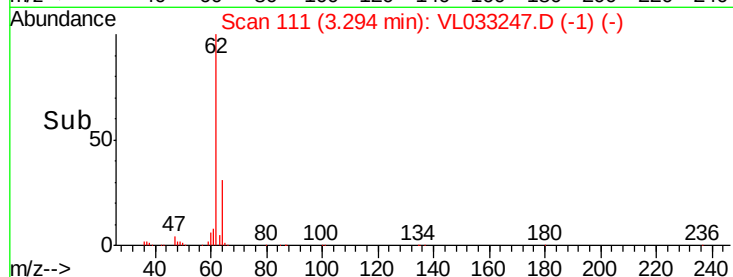
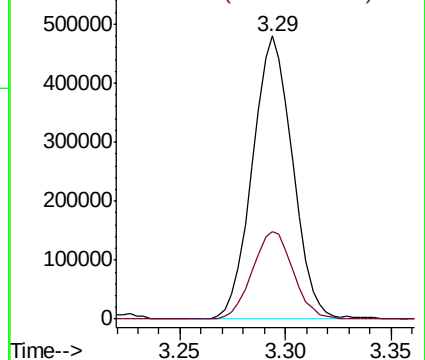
62 100

64 31.0 26.2 39.2



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



#6

Bromomethane

Concen: 9.833 ppbv

RT: 3.52 min Scan# 180

Delta R.T. -0.00 min

Lab File: VL033247.D

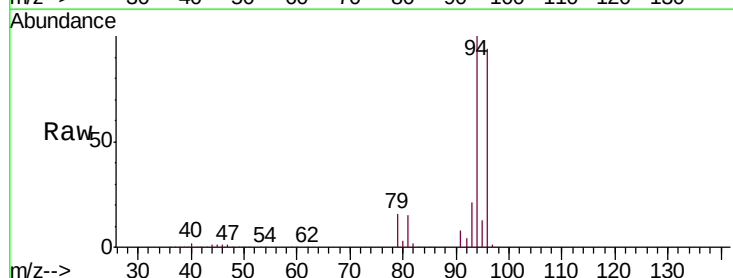
Acq: 6 Mar 2019 7:09

Tgt Ion: 94 Resp: 389069

Ion Ratio Lower Upper

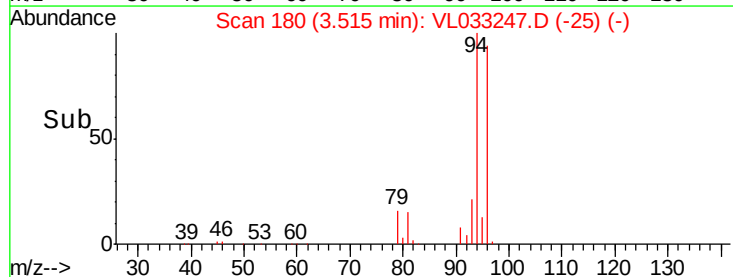
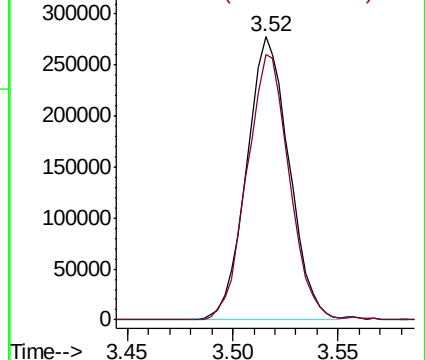
94 100

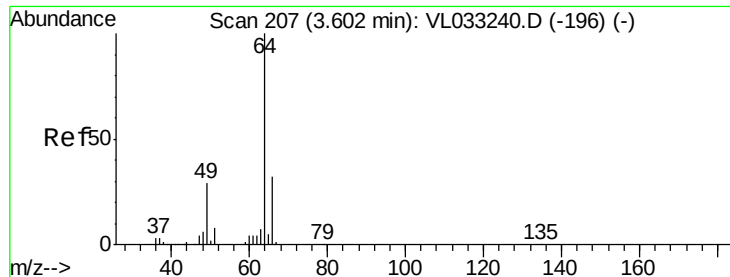
96 93.8 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 10.076 ppbv

RT: 3.60 min Scan# 207

Delta R.T. -0.00 min

Lab File: VL033247.D

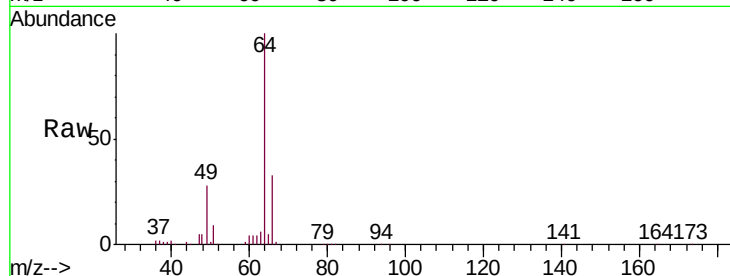
Acq: 6 Mar 2019 7:09

Tgt Ion: 64 Resp: 232950

Ion Ratio Lower Upper

64 100

66 34.4 25.7 38.5



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0

200000

150000

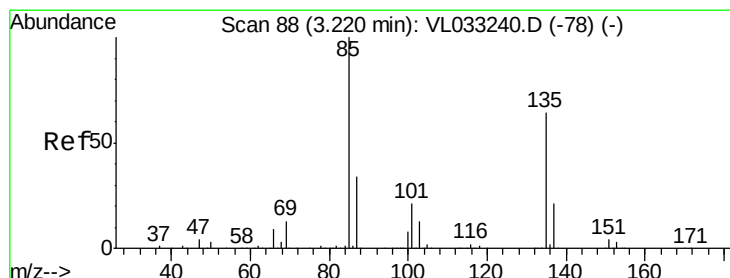
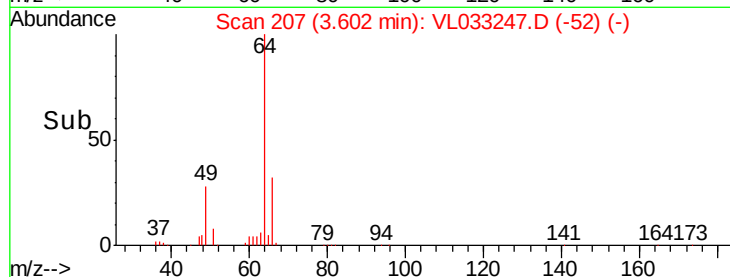
100000

50000

0

3.55 3.60 3.65

Time-->



#8

Dichlorotetrafluoroethane

Concen: 10.243 ppbv

RT: 3.22 min Scan# 89

Delta R.T. 0.00 min

Lab File: VL033247.D

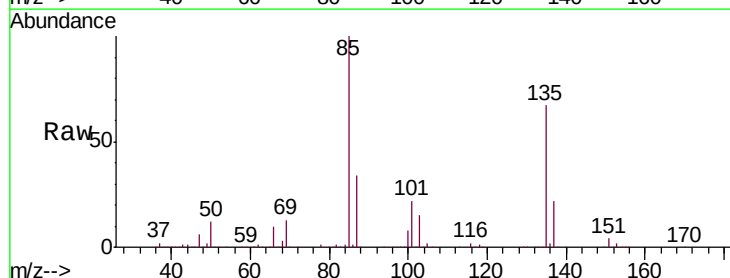
Acq: 6 Mar 2019 7:09

Tgt Ion: 85 Resp: 1498029

Ion Ratio Lower Upper

85 100

135 67.4 52.6 79.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

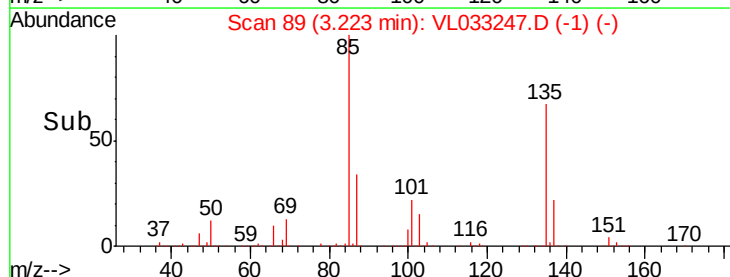
1000000

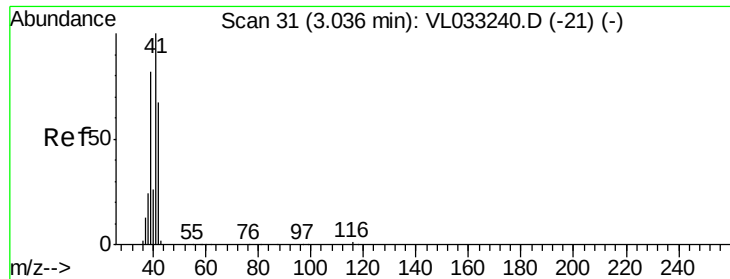
500000

0

3.15 3.20 3.25 3.30

Time-->





#9

Propene

Concen: 10.620 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.00 min

Lab File: VL033247.D

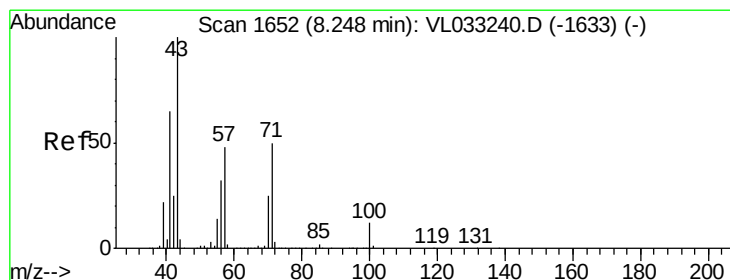
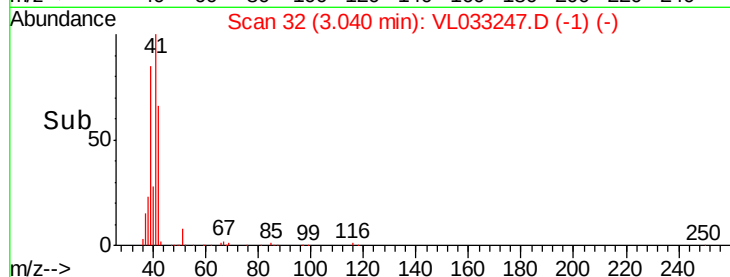
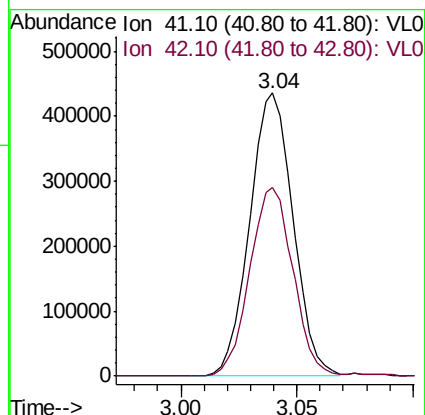
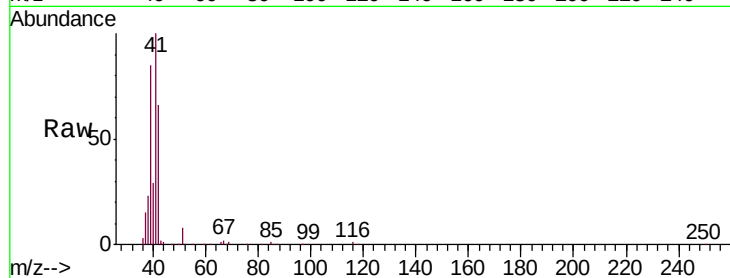
Acq: 6 Mar 2019 7:09

Tgt Ion: 41 Resp: 567269

Ion Ratio Lower Upper

41 100

42 67.4 55.3 82.9



#10

Heptane

Concen: 9.460 ppbv

RT: 8.25 min Scan# 1652

Delta R.T. -0.00 min

Lab File: VL033247.D

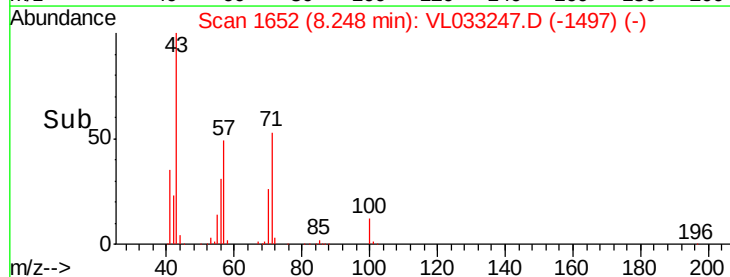
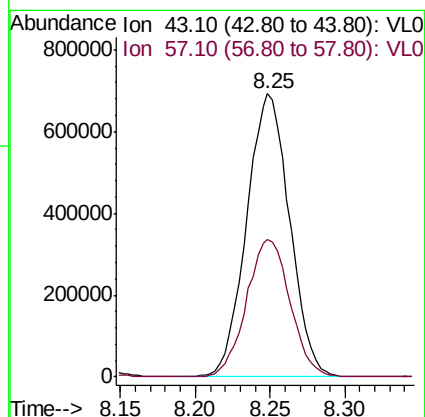
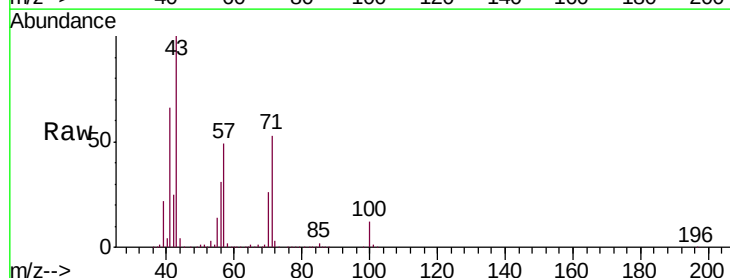
Acq: 6 Mar 2019 7:09

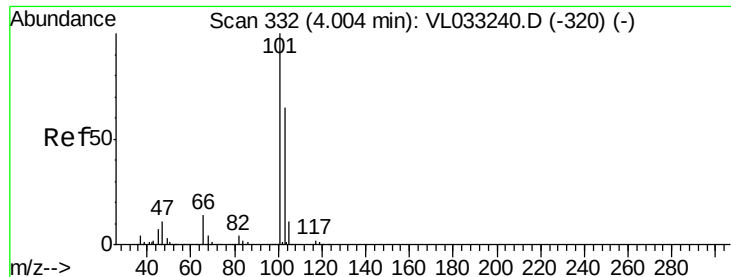
Tgt Ion: 43 Resp: 1374778

Ion Ratio Lower Upper

43 100

57 49.5 39.8 59.6





#11

Trichlorofluoromethane

Concen: 9.421 ppbv

RT: 4.01 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL033247.D

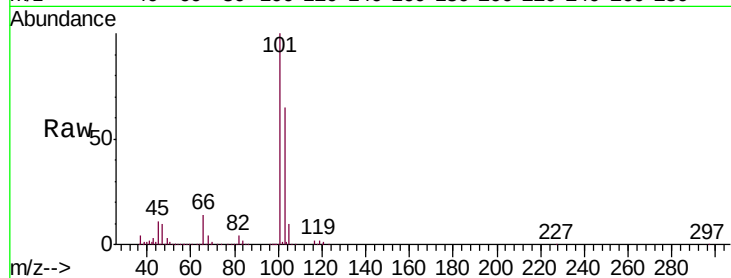
Acq: 6 Mar 2019 7:09

Tgt Ion:101 Resp: 1636578

Ion Ratio Lower Upper

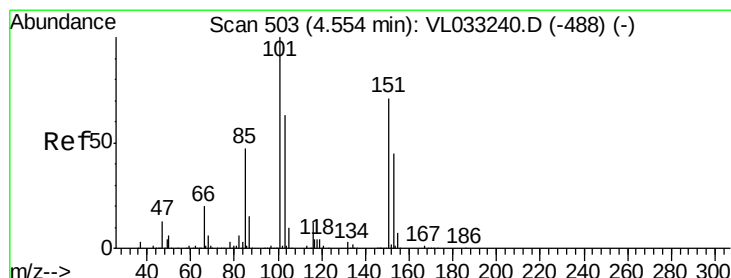
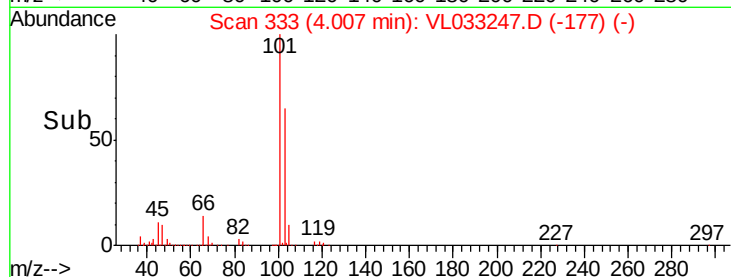
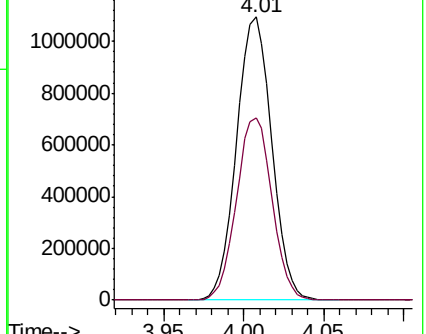
101 100

103 64.6 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: 9.710 ppbv

RT: 4.55 min Scan# 503

Delta R.T. -0.00 min

Lab File: VL033247.D

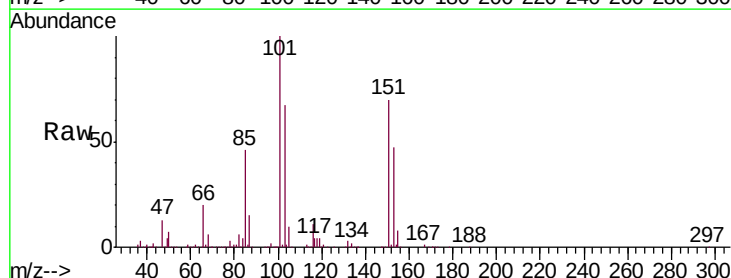
Acq: 6 Mar 2019 7:09

Tgt Ion:101 Resp: 1093539

Ion Ratio Lower Upper

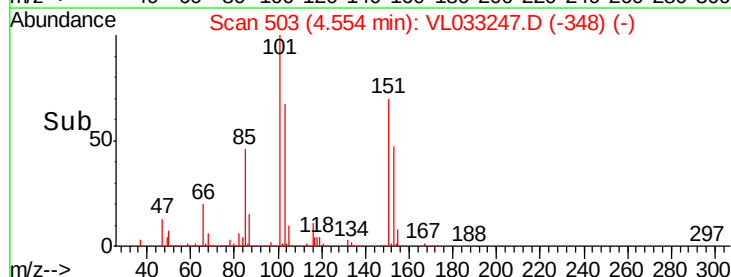
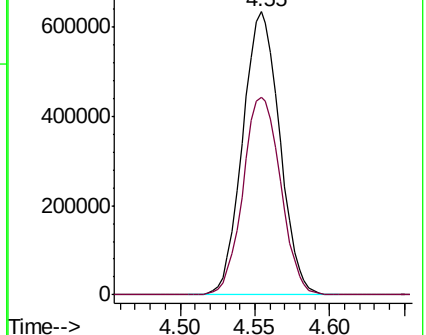
101 100

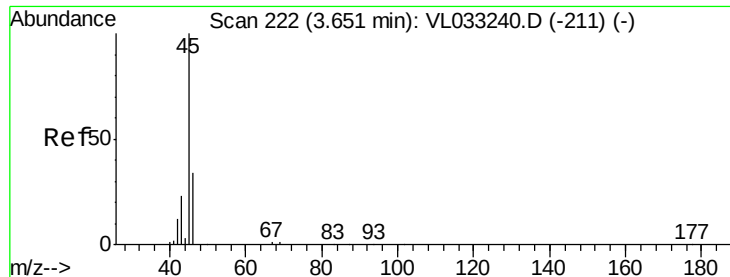
151 71.2 57.0 85.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 6.660 ppbv

RT: 3.65 min Scan# 221

Delta R.T. -0.00 min

Lab File: VL033247.D

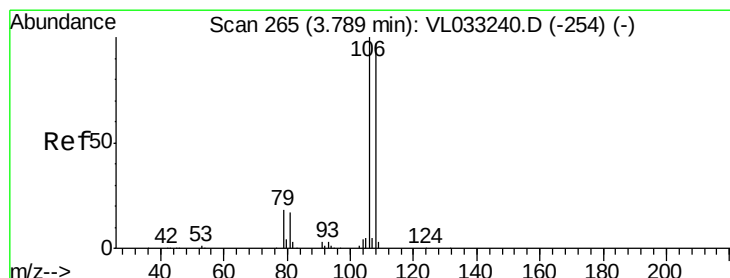
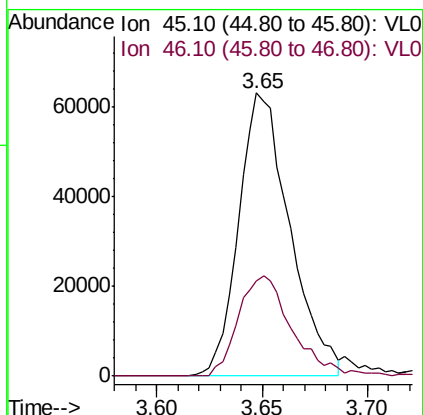
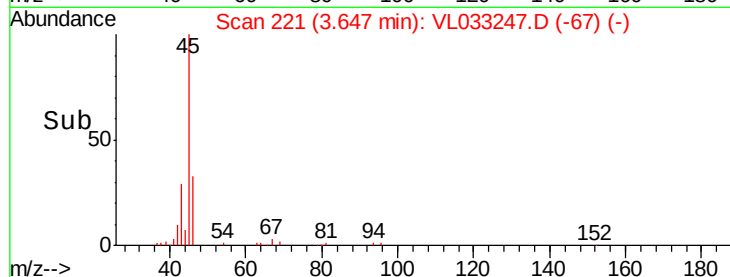
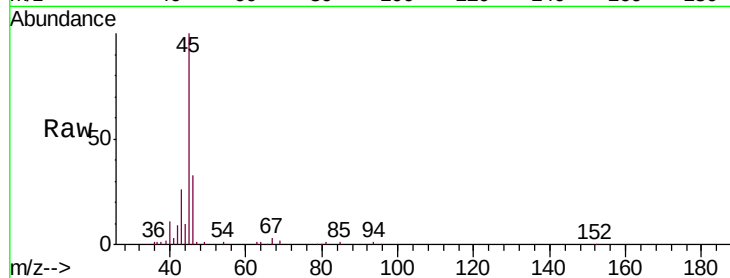
Acq: 6 Mar 2019 7:09

Tgt Ion: 45 Resp: 106362

Ion Ratio Lower Upper

45 100

46 37.4 15.3 61.3



#14

Bromoethene

Concen: 10.198 ppbv

RT: 3.79 min Scan# 265

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

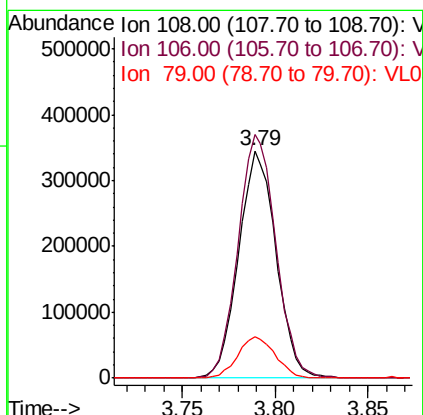
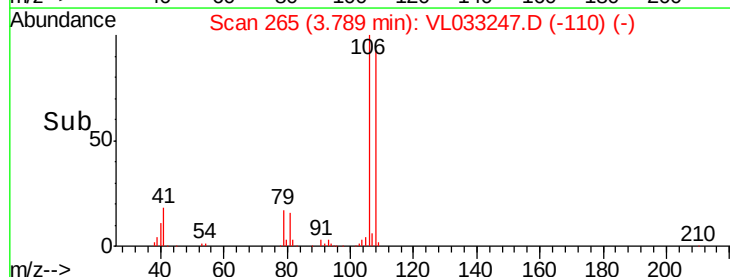
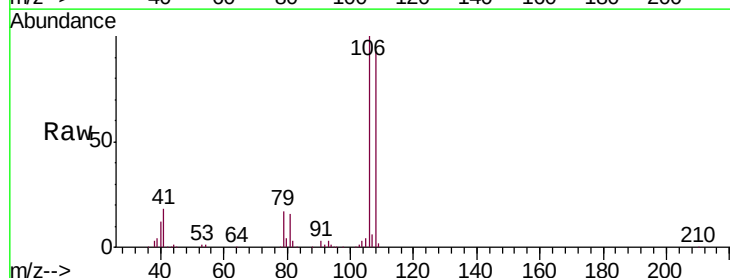
Tgt Ion: 108 Resp: 483902

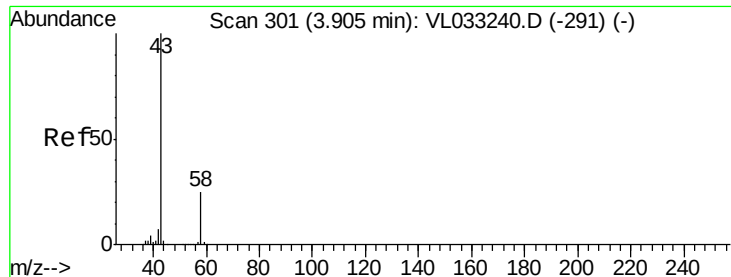
Ion Ratio Lower Upper

108 100

106 108.7 85.5 128.3

79 18.3 15.3 22.9





#15

Acetone

Concen: 8.048 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL033247.D

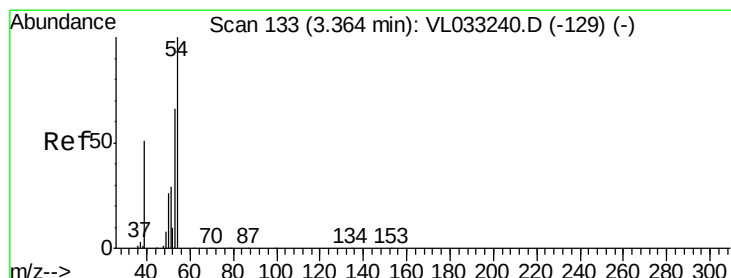
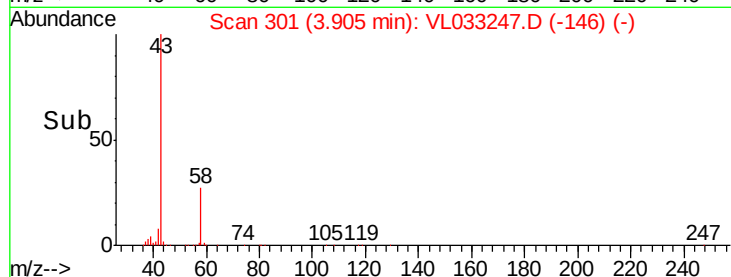
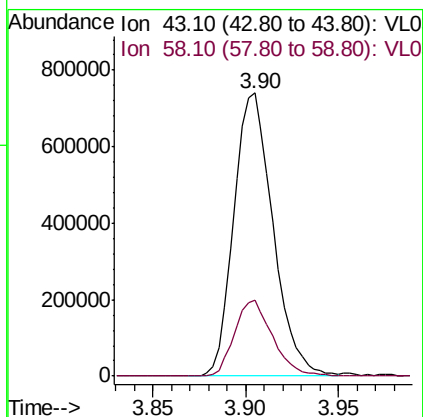
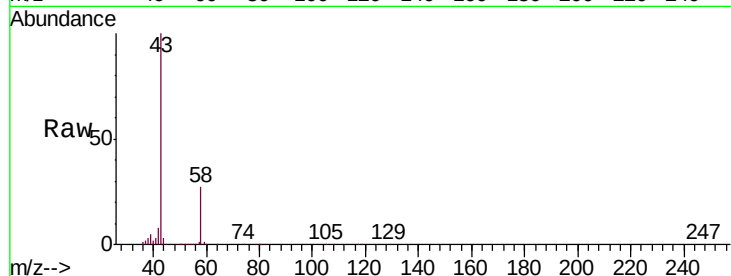
Acq: 6 Mar 2019 7:09

Tgt Ion: 43 Resp: 1084747

Ion Ratio Lower Upper

43 100

58 26.3 20.2 30.4



#16

1,3-Butadiene

Concen: 9.658 ppbv

RT: 3.36 min Scan# 133

Delta R.T. -0.00 min

Lab File: VL033247.D

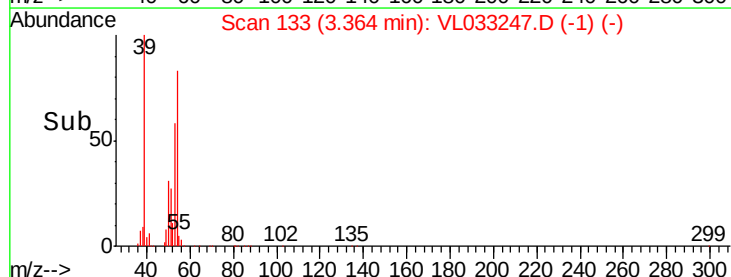
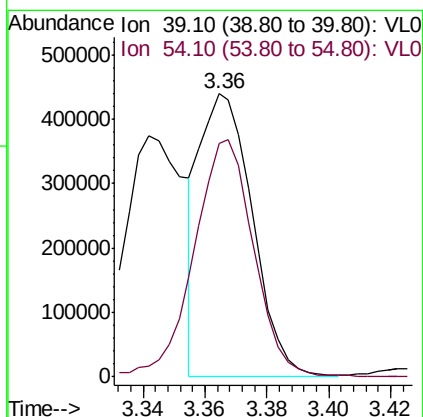
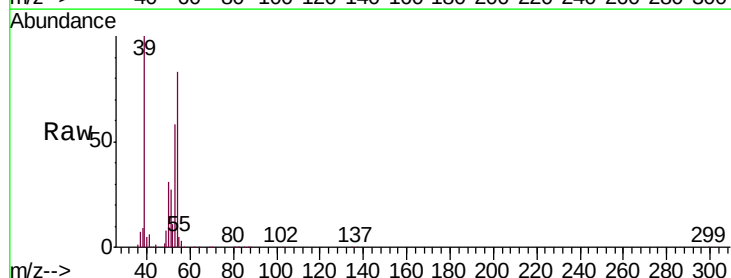
Acq: 6 Mar 2019 7:09

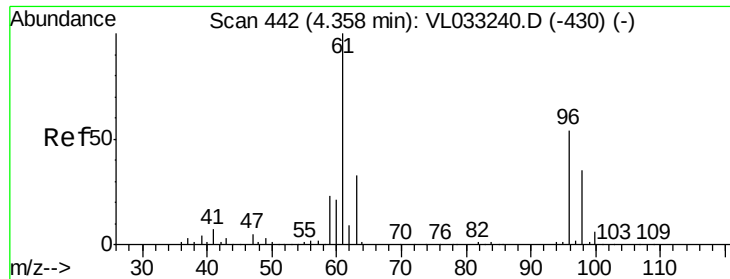
Tgt Ion: 39 Resp: 519797

Ion Ratio Lower Upper

39 100

54 95.9 69.6 104.4





#17

tert-Butyl alcohol

Concen: 10.822 ppbv

RT: 4.35 min Scan# 441

Delta R.T. -0.00 min

Lab File: VL033247.D

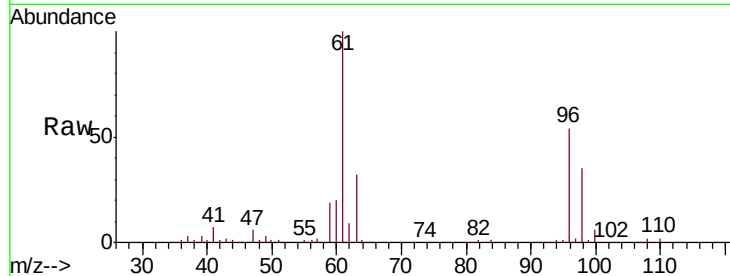
Acq: 6 Mar 2019 7:09

Tgt Ion: 59 Resp: 237736

Ion Ratio Lower Upper

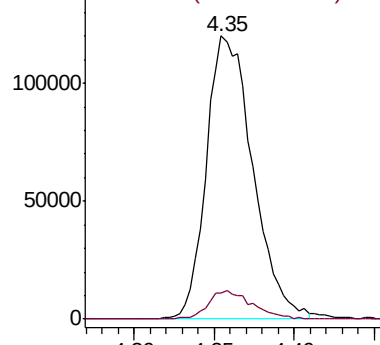
59 100

57 9.6 7.5 11.3

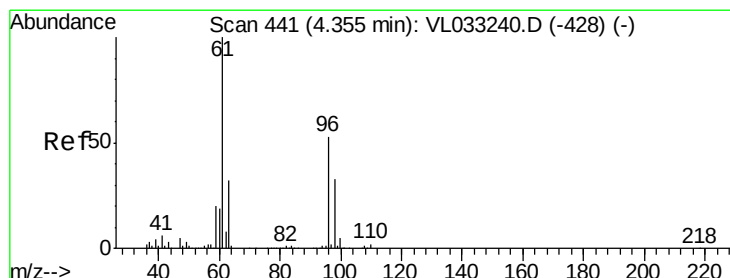
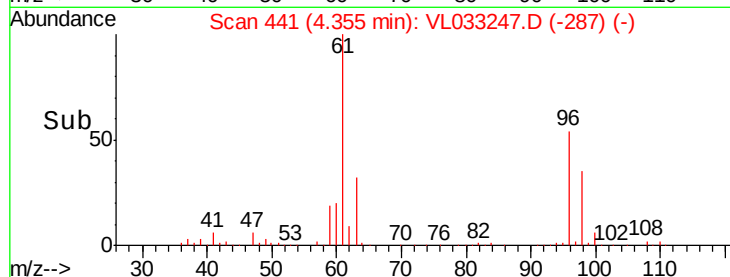


Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



Time-->



#18

1,1-Dichloroethene

Concen: 10.367 ppbv

RT: 4.35 min Scan# 441

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

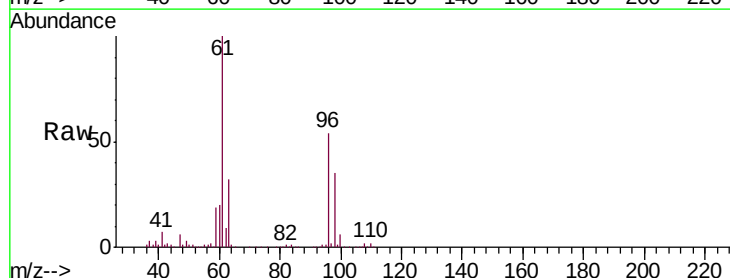
Tgt Ion: 96 Resp: 519863

Ion Ratio Lower Upper

96 100

61 185.0 150.2 225.2

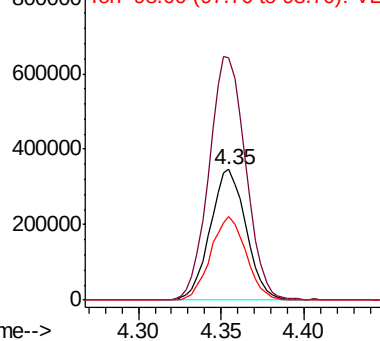
98 64.3 49.2 73.8



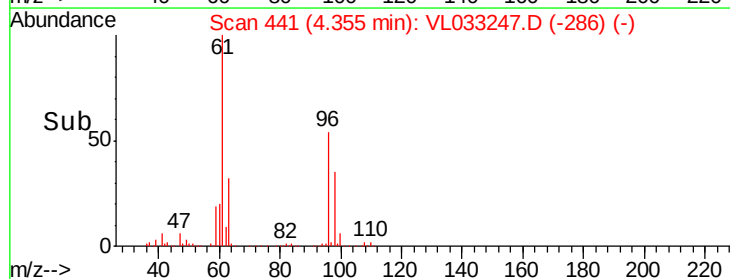
Abundance Ion 96.00 (95.70 to 96.70): VL0

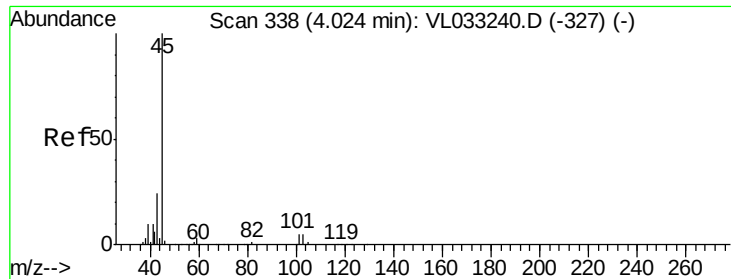
Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



Time-->





#19

Isopropyl Alcohol

Concen: 9.461 ppbv

RT: 4.02 min Scan# 338

Delta R.T. -0.00 min

Lab File: VL033247.D

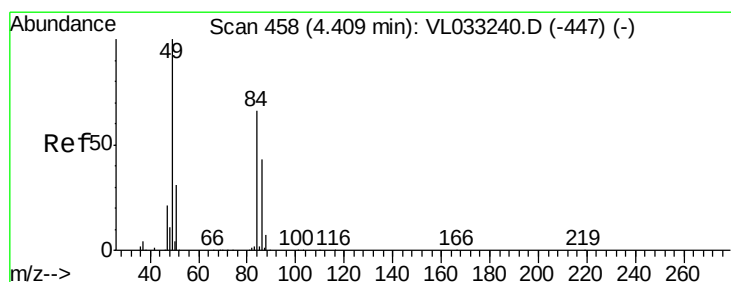
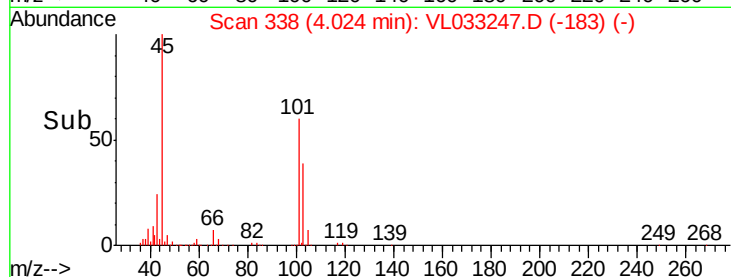
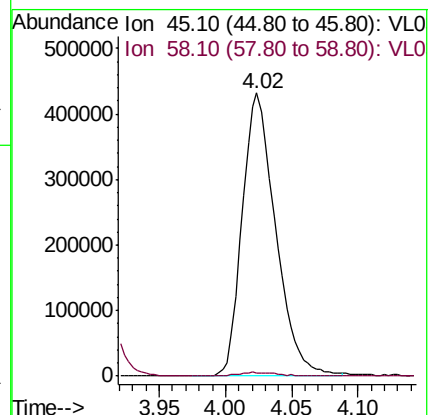
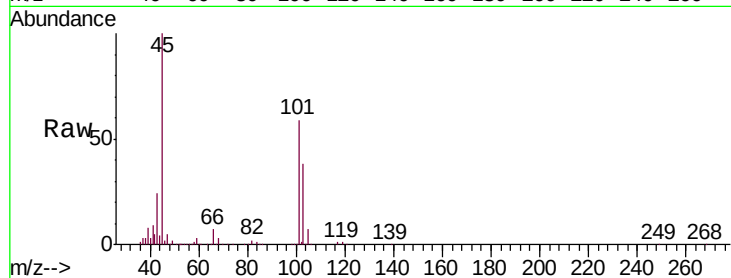
Acq: 6 Mar 2019 7:09

Tgt Ion: 45 Resp: 758066

Ion Ratio Lower Upper

45 100

58 1.9 1.4 2.0



#20

Methylene Chloride

Concen: 8.686 ppbv

RT: 4.41 min Scan# 459

Delta R.T. 0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 84 Resp: 443683

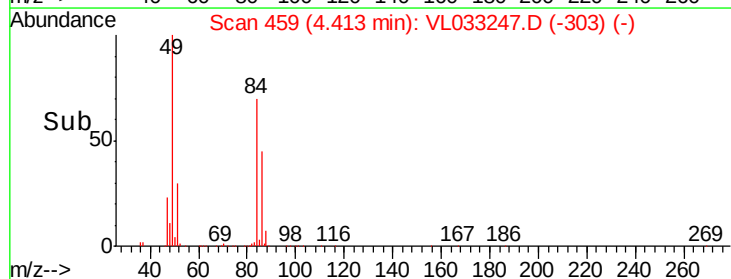
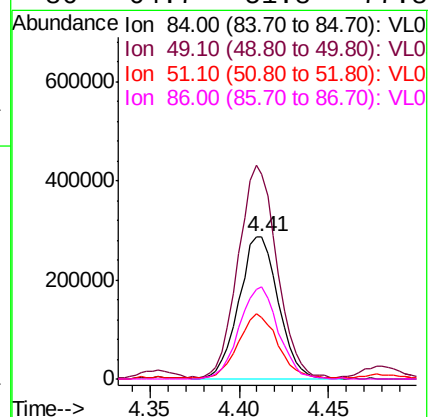
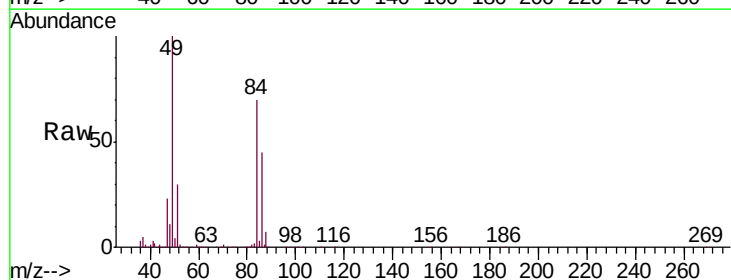
Ion Ratio Lower Upper

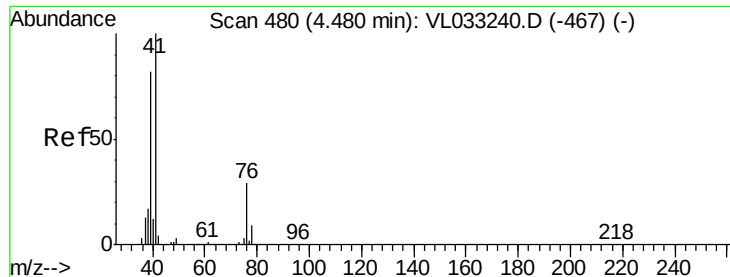
84 100

49 142.7 120.4 180.6

51 42.3 36.7 55.1

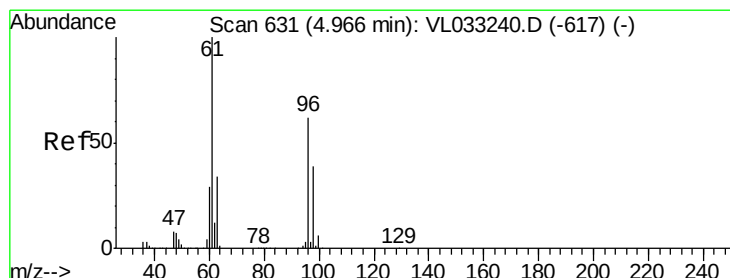
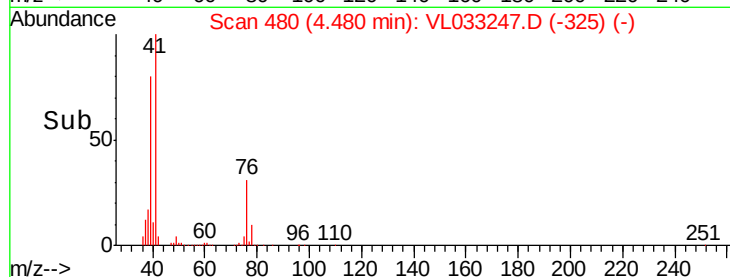
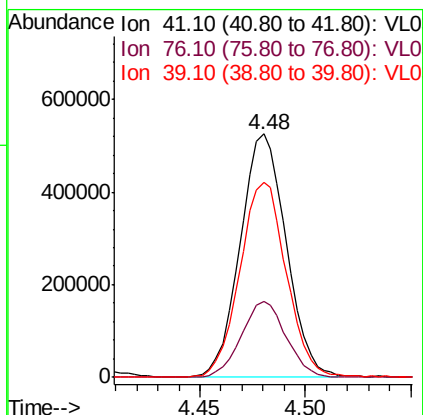
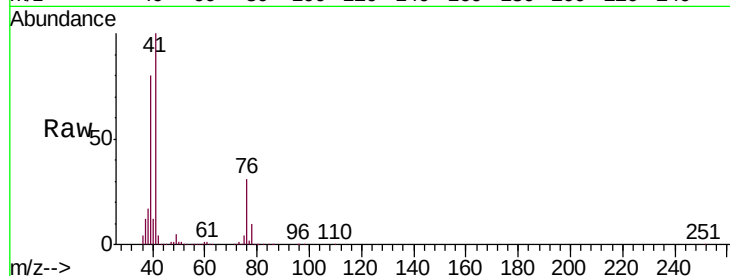
86 64.7 51.8 77.8





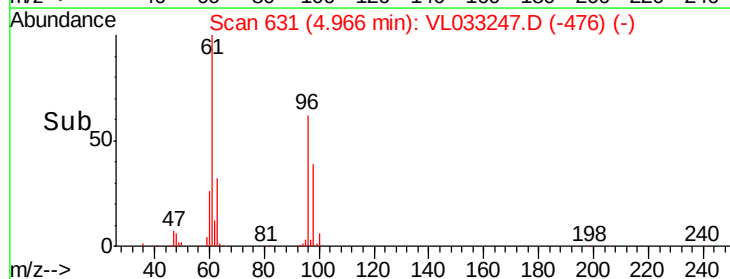
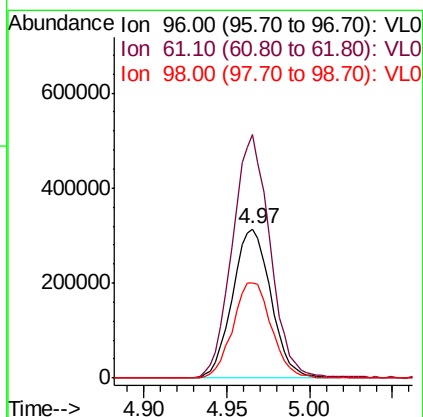
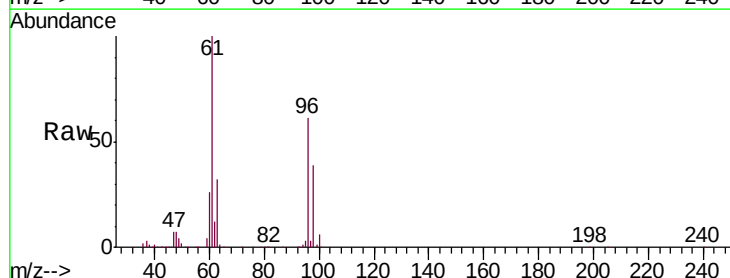
#21
 Allyl Chloride
 Concen: 10.529 ppbv
 RT: 4.48 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

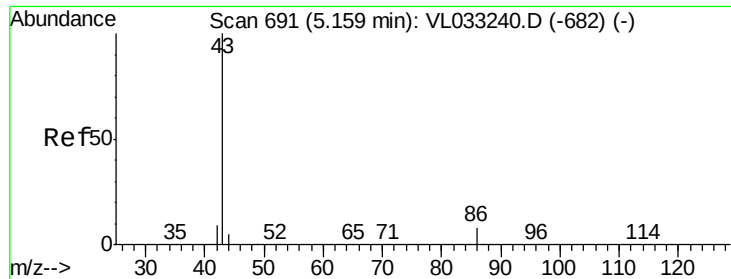
Tgt Ion	Ratio	Lower	Upper
41	100		
76	30.7	24.6	36.8
39	81.5	65.2	97.8



#22
 trans-1,2-Dichloroethene
 Concen: 9.842 ppbv
 RT: 4.97 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.3	128.3	192.5
98	63.6	50.6	75.8





#23

Vinyl Acetate

Concen: 10.063 ppbv

RT: 5.16 min Scan# 690

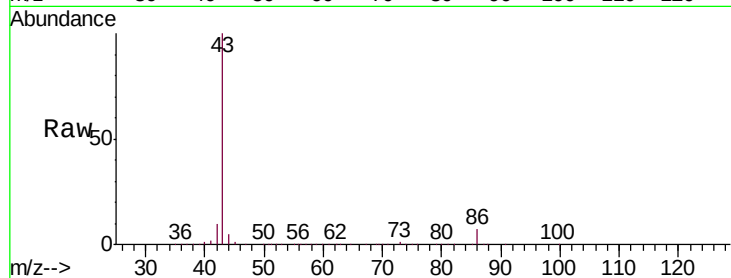
Delta R.T. -0.00 min

Lab File: VL033247.D

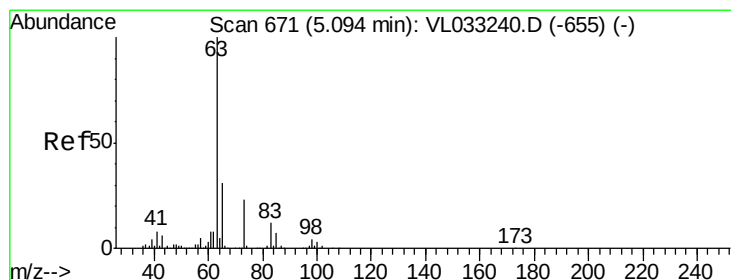
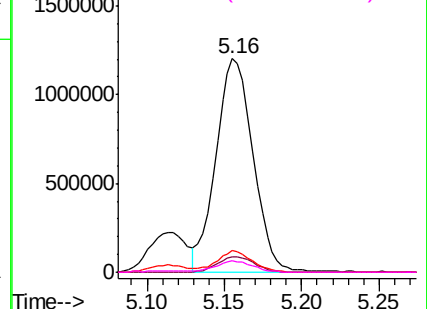
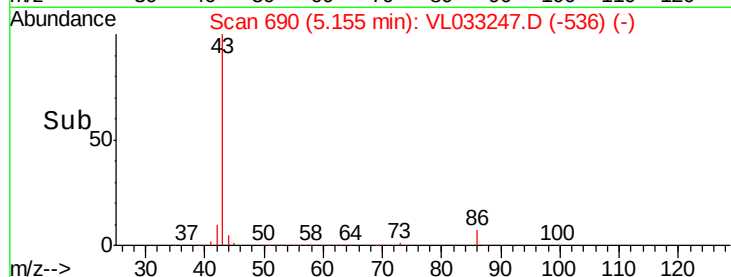
Acq: 6 Mar 2019 7:09

Tgt Ion: 43 Resp: 2000629

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.5	8.3
42	10.1	7.7	11.5
44	5.1	4.1	6.1



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: 9.621 ppbv

RT: 5.09 min Scan# 671

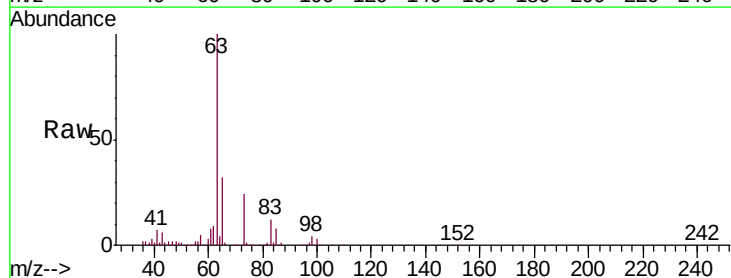
Delta R.T. -0.00 min

Lab File: VL033247.D

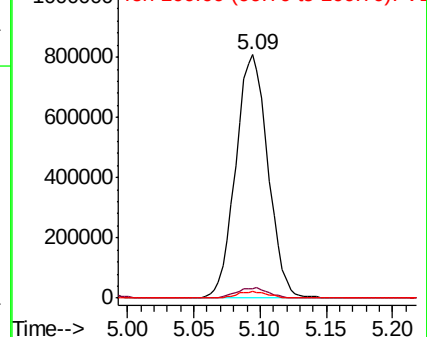
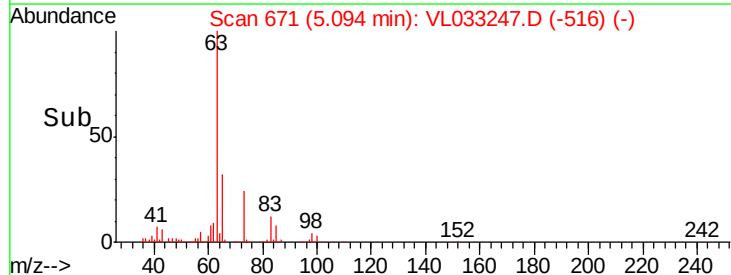
Acq: 6 Mar 2019 7:09

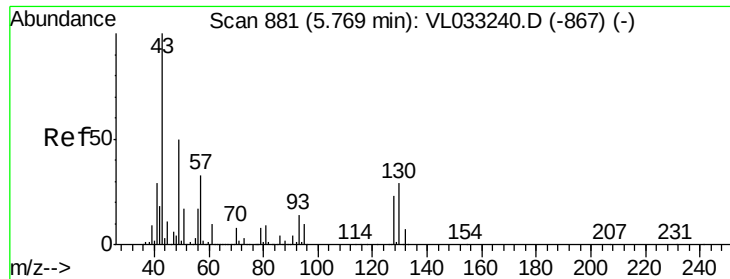
Tgt Ion: 63 Resp: 1363757

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.3
100	2.5	1.3	3.8



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: 9.370 ppbv

RT: 5.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 43 Resp: 2315228

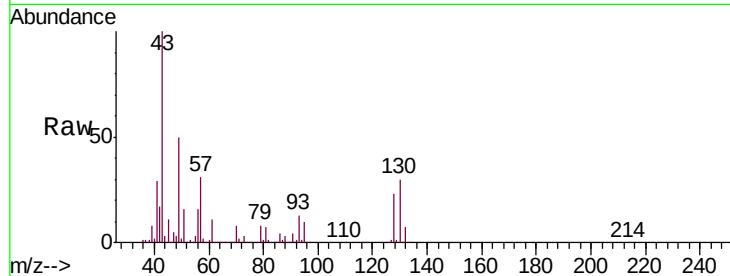
Ion	Ratio	Lower	Upper
43	100		
45	9.8	7.8	11.6
61	9.3	7.0	10.6
70	7.2	5.5	8.3

43 100

45 9.8 7.8 11.6

61 9.3 7.0 10.6

70 7.2 5.5 8.3



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

5.77

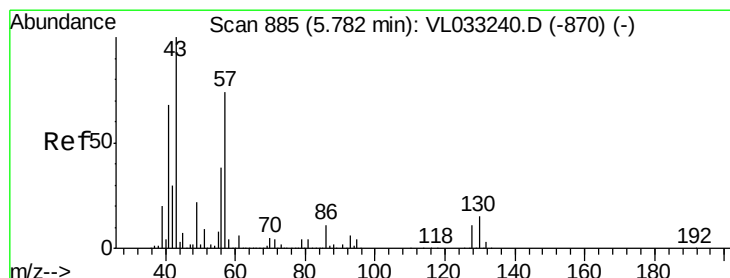
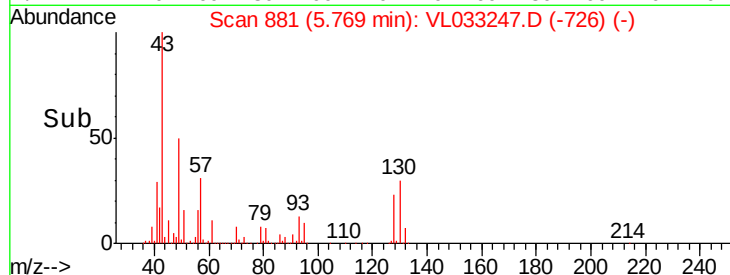
1000000

500000

0

Time-->

5.70 5.75 5.80 5.85



#26

Hexane

Concen: 8.973 ppbv

RT: 5.78 min Scan# 885

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 57 Resp: 1036496

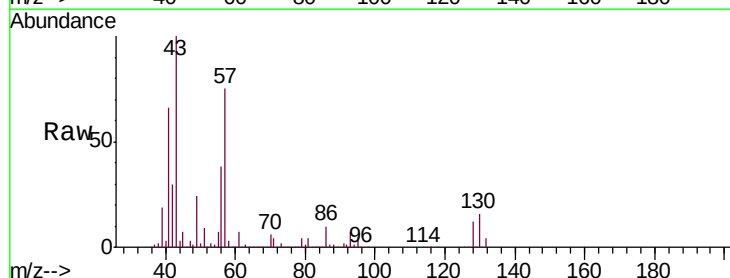
Ion	Ratio	Lower	Upper
57	100		
41	89.0	73.4	110.2
43	223.8	182.1	273.1
56	52.6	42.6	64.0

57 100

41 89.0 73.4 110.2

43 223.8 182.1 273.1

56 52.6 42.6 64.0



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

5.78

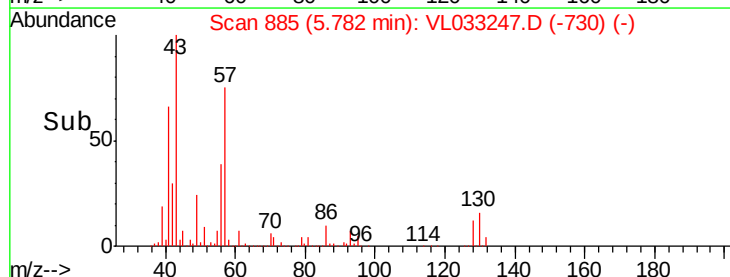
1000000

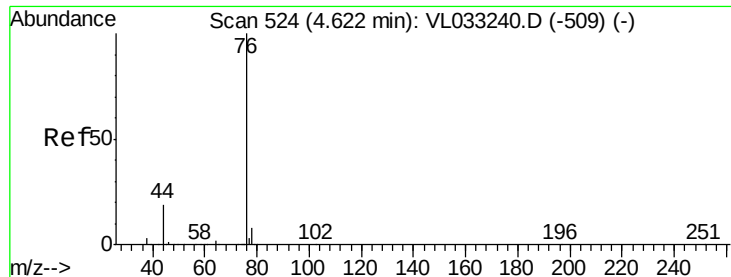
500000

0

Time-->

5.70 5.75 5.80 5.85





#27

Carbon Disulfide

Concen: 10.799 ppbv

RT: 4.62 min Scan# 524

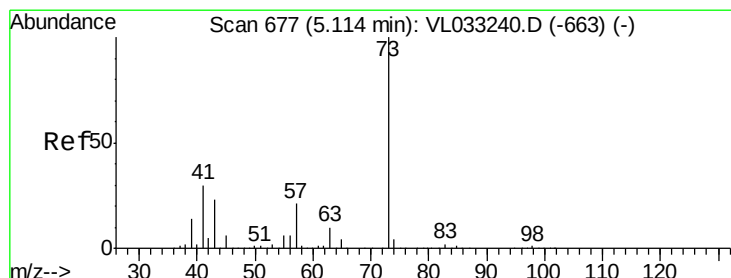
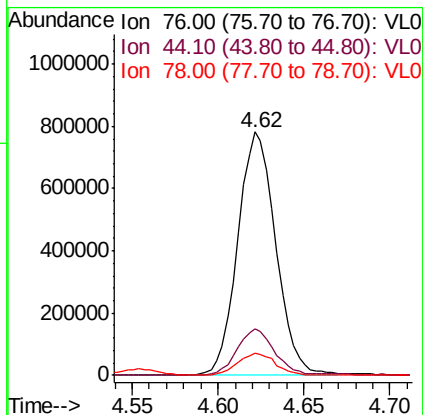
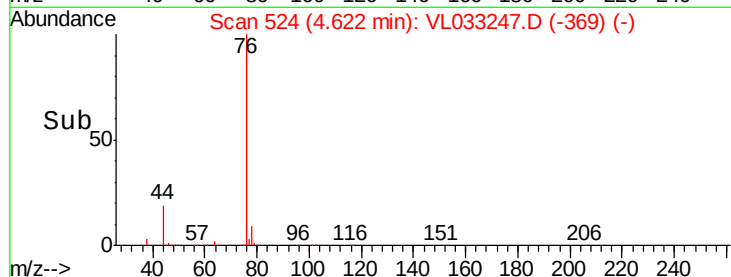
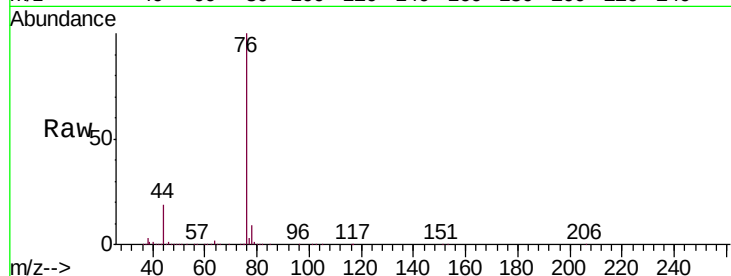
Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 76 Resp: 1202464

Ion	Ratio	Lower	Upper
76	100		
44	18.3	15.0	22.6
78	9.2	7.3	10.9



#28

Methyl tert-Butyl Ether

Concen: 10.160 ppbv

RT: 5.11 min Scan# 677

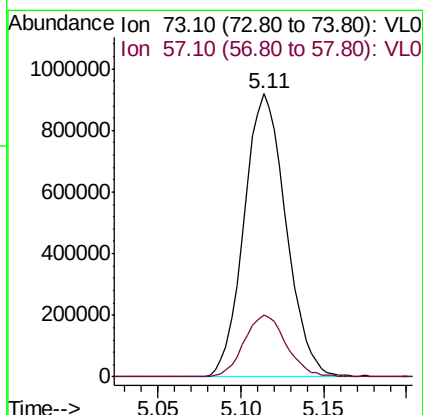
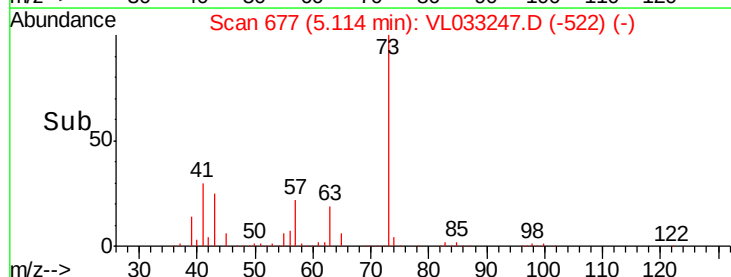
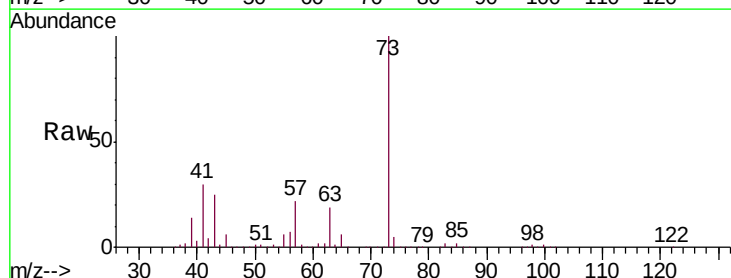
Delta R.T. -0.00 min

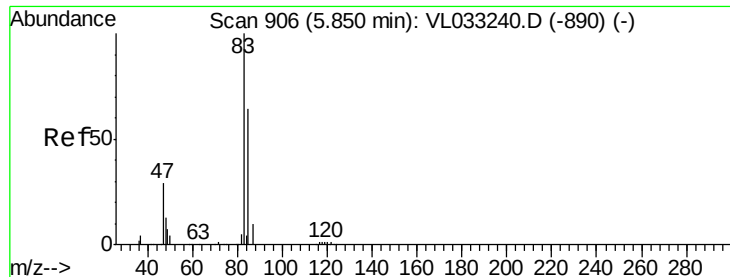
Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 73 Resp: 1618500

Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.6	26.4





#29

Chloroform

Concen: 9.391 ppbv

RT: 5.85 min Scan# 907

Delta R.T. 0.00 min

Lab File: VL033247.D

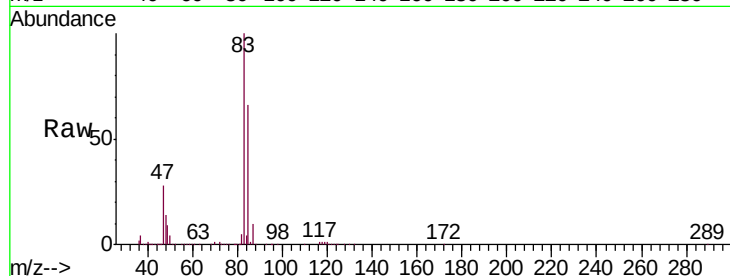
Acq: 6 Mar 2019 7:09

Tgt Ion: 83 Resp: 1687062

Ion Ratio Lower Upper

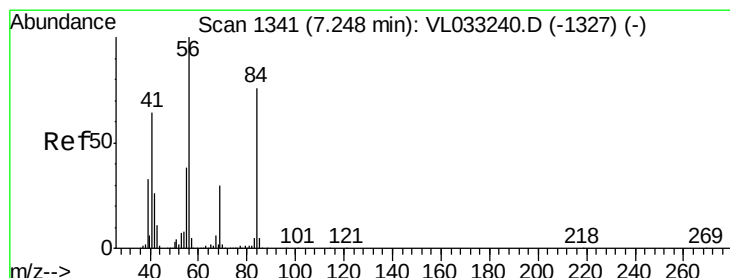
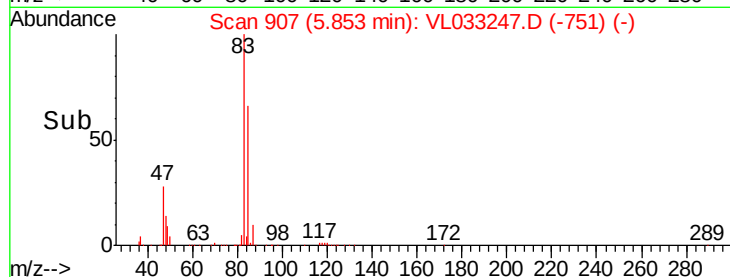
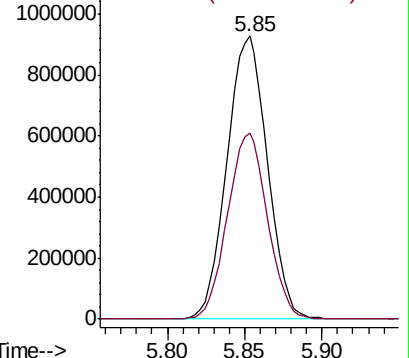
83 100

85 65.6 51.2 76.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#30

Cyclohexane

Concen: 9.832 ppbv

RT: 7.25 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

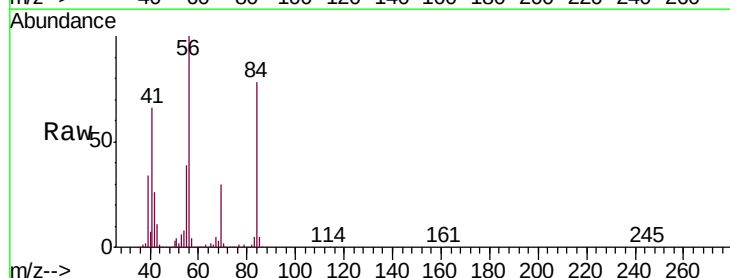
Tgt Ion: 84 Resp: 850368

Ion Ratio Lower Upper

84 100

56 139.4 113.1 169.7

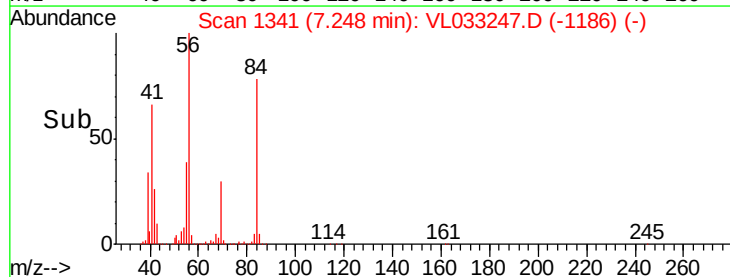
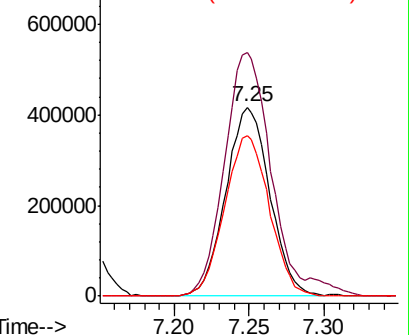
41 86.8 70.8 106.2

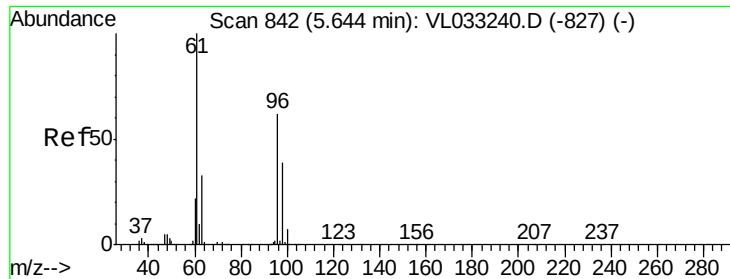


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

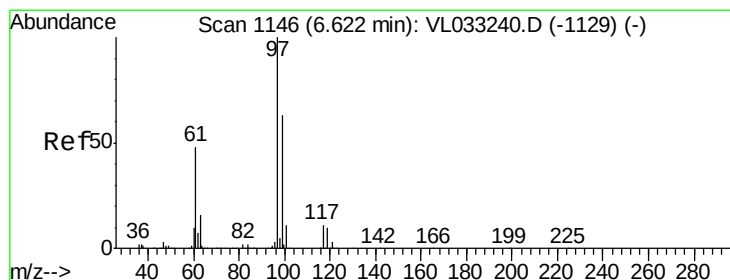
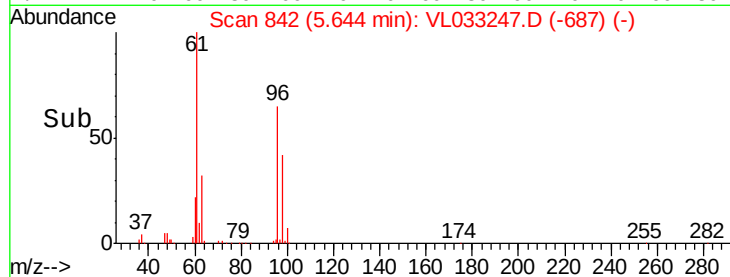
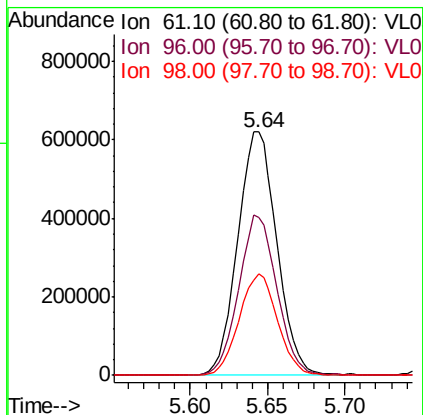
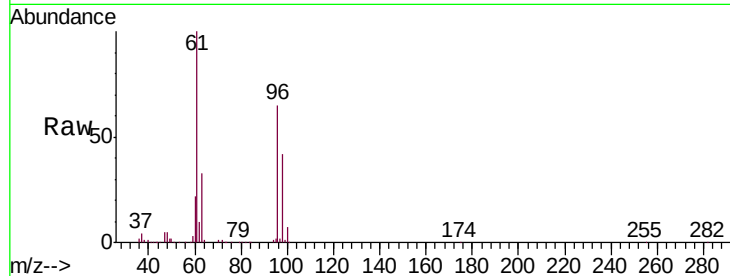




#31

cis-1,2-Dichloroethene
 Concen: 9.779 ppbv
 RT: 5.64 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

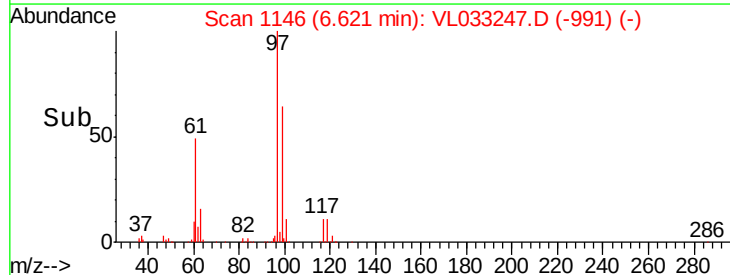
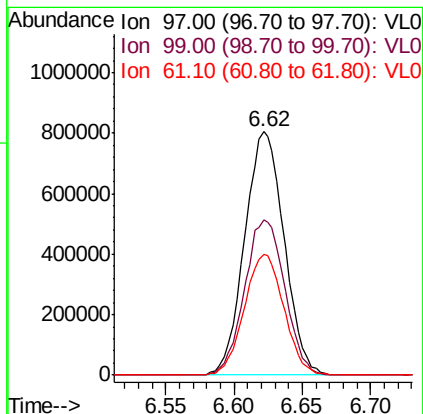
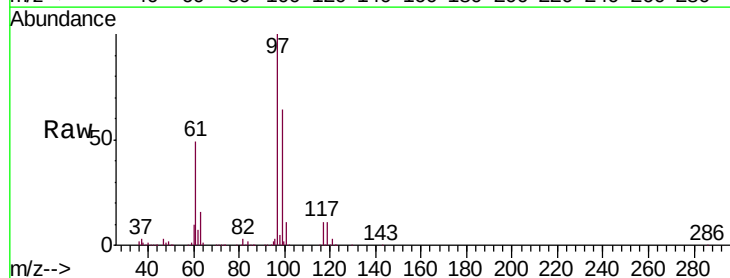
Tgt Ion:	61	Resp:	1090987
Ion	Ratio	Lower	Upper
61	100		
96	64.6	49.4	74.0
98	41.5	31.2	46.8

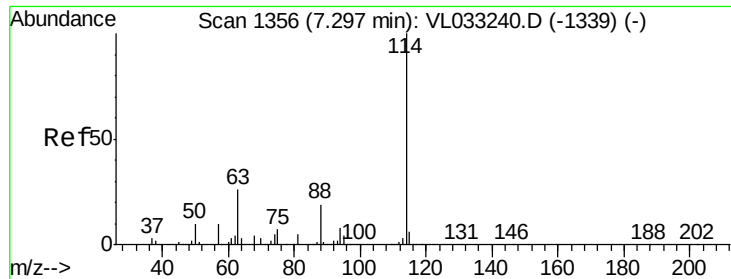


#32

1,1,1-Trichloroethane
 Concen: 9.285 ppbv
 RT: 6.62 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion:	97	Resp:	1618143
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	49.6	40.1	60.1





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

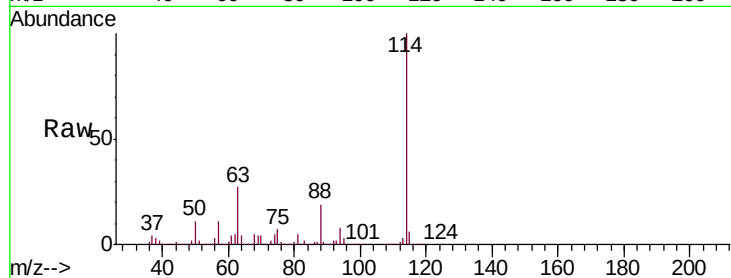
Tgt Ion: 114 Resp: 2397287

Ion Ratio Lower Upper

114 100

63 27.2 22.0 33.0

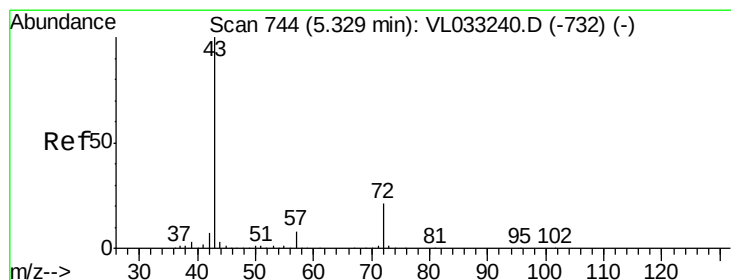
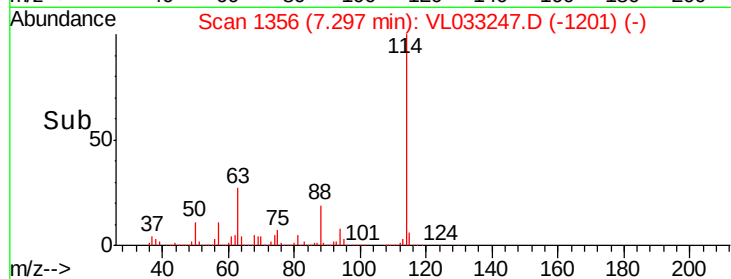
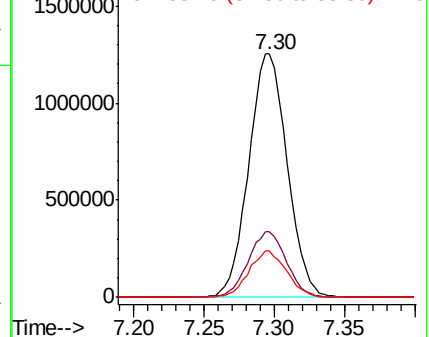
88 18.6 15.0 22.4



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 9.475 ppbv

RT: 5.33 min Scan# 744

Delta R.T. -0.00 min

Lab File: VL033247.D

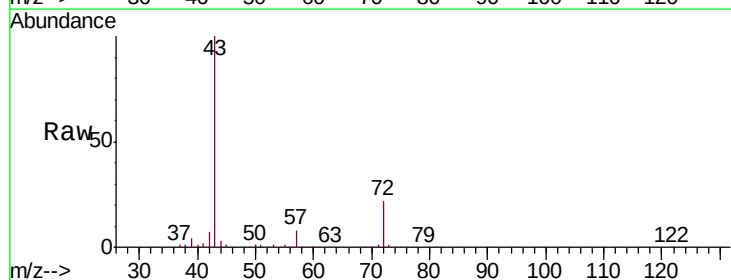
Acq: 6 Mar 2019 7:09

Tgt Ion: 43 Resp: 1573727

Ion Ratio Lower Upper

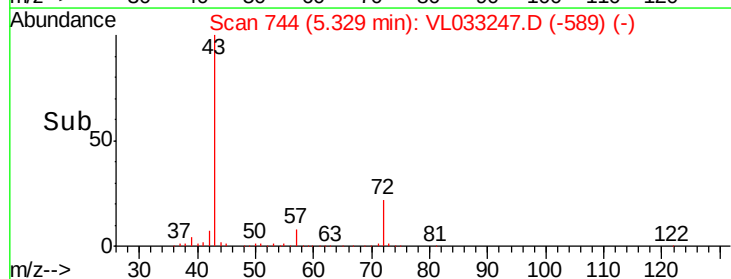
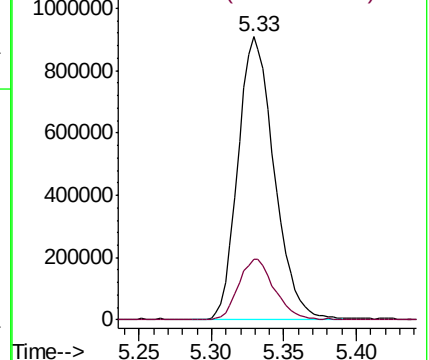
43 100

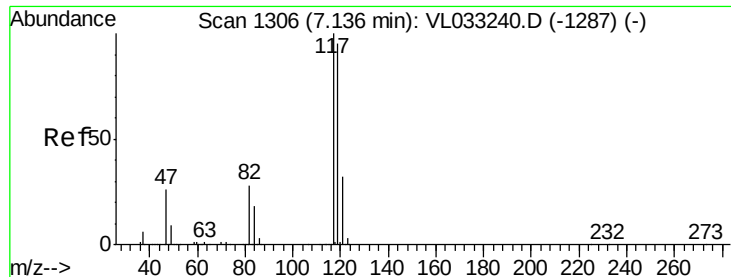
72 21.6 17.1 25.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 8.993 ppbv

RT: 7.14 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

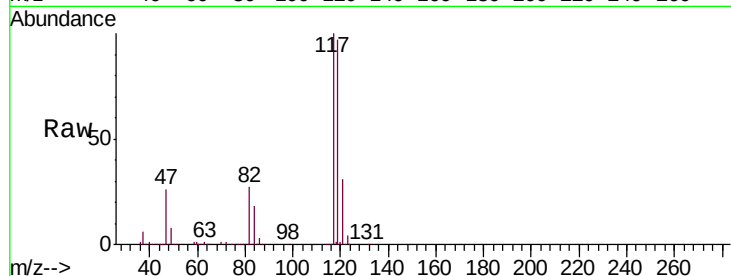
Tgt Ion: 117 Resp: 1630610

Ion Ratio Lower Upper

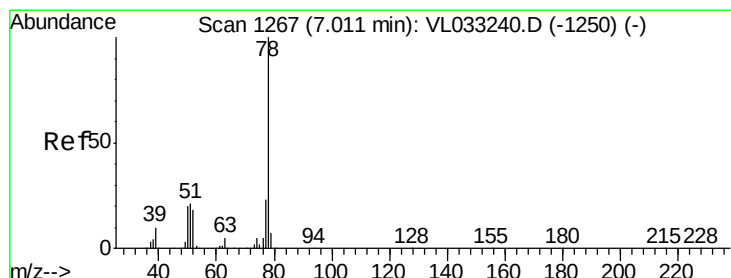
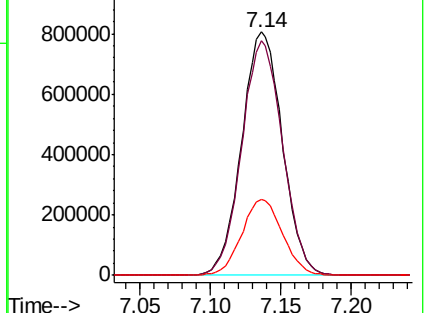
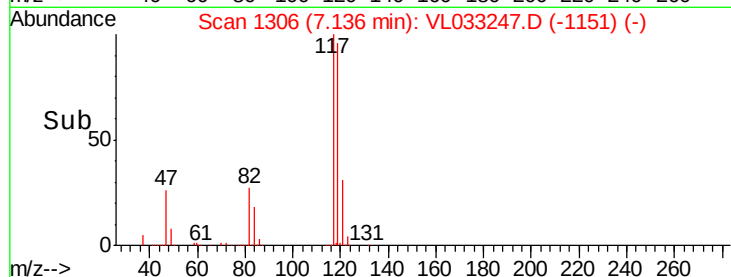
117 100

119 96.5 75.8 113.6

121 31.0 25.6 38.4



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: 9.506 ppbv

RT: 7.01 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

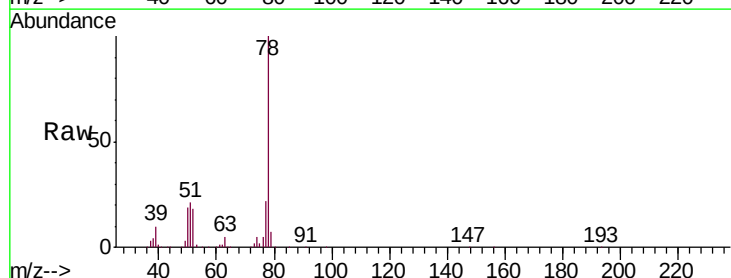
Tgt Ion: 78 Resp: 2138862

Ion Ratio Lower Upper

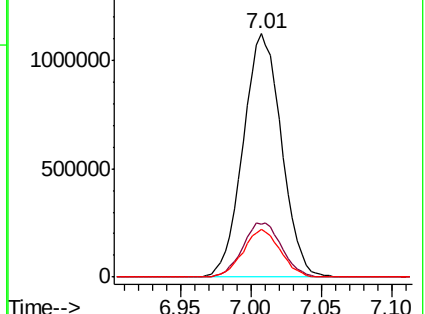
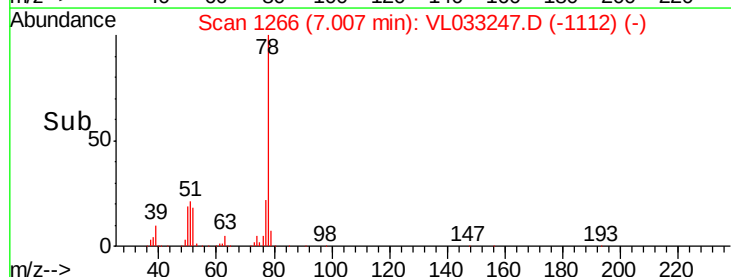
78 100

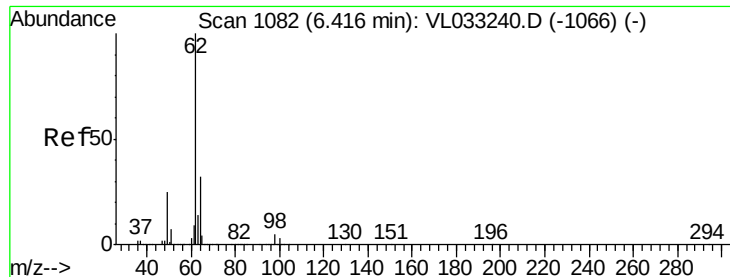
77 21.6 18.0 27.0

50 19.4 16.2 24.4



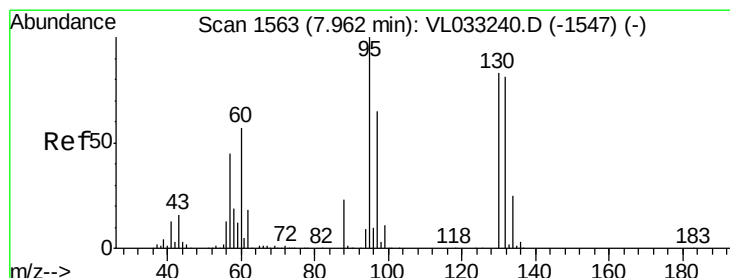
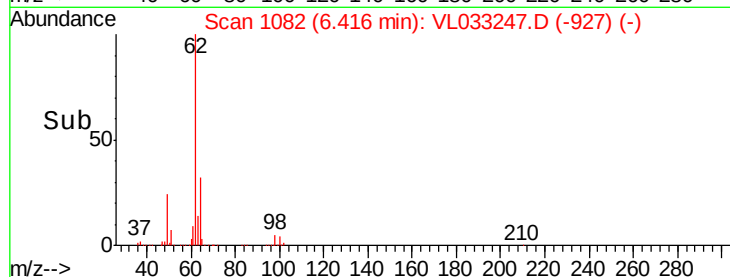
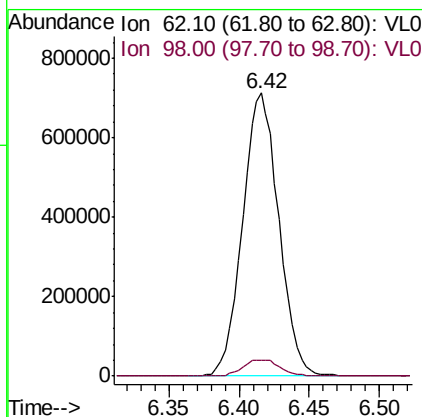
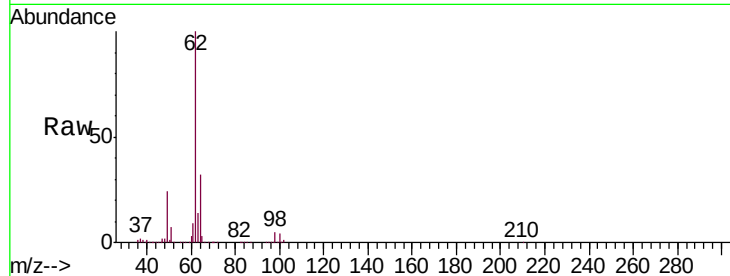
Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0





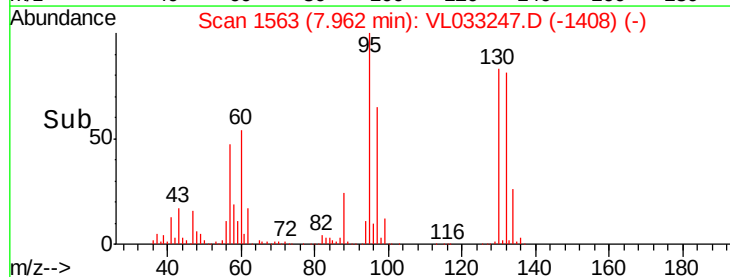
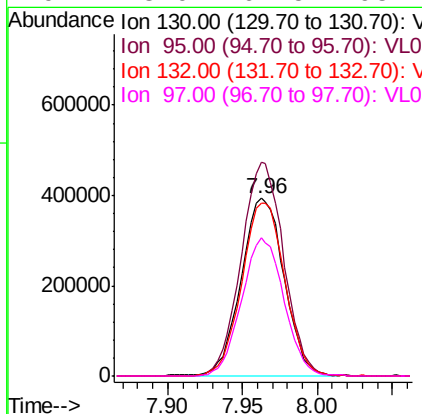
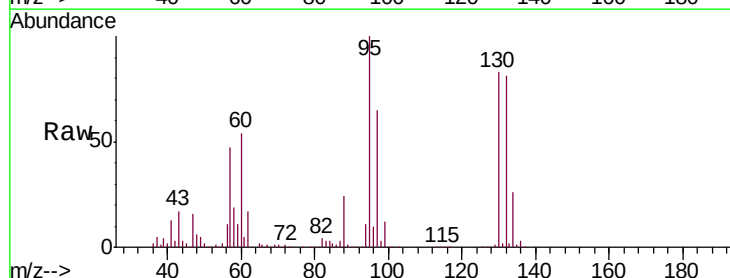
#37
 1,2-Dichloroethane
 Concen: 9.144 ppbv
 RT: 6.42 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

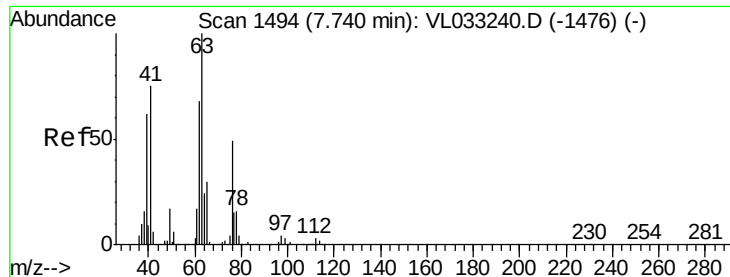
Tgt Ion: 62 Resp: 1280547
 Ion Ratio Lower Upper
 62 100
 98 5.9 4.5 6.7



#38
 Trichloroethene
 Concen: 9.178 ppbv
 RT: 7.96 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 130 Resp: 779869
 Ion Ratio Lower Upper
 130 100
 95 120.6 95.7 143.5
 132 97.9 77.4 116.2
 97 78.0 62.5 93.7





#39

1,2-Dichloropropane

Concen: 9.426 ppbv

RT: 7.74 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

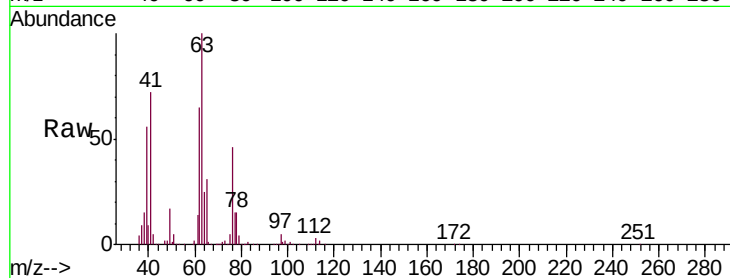
Tgt Ion: 63 Resp: 828012

Ion Ratio Lower Upper

63 100

41 71.6 60.0 90.0

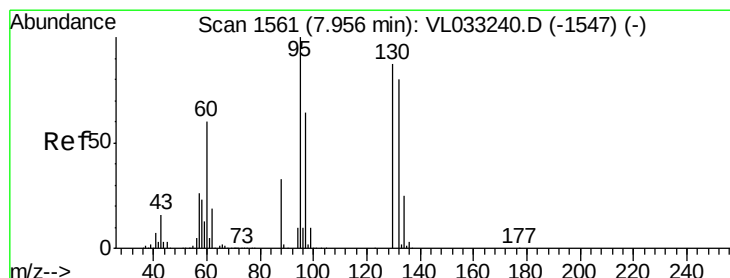
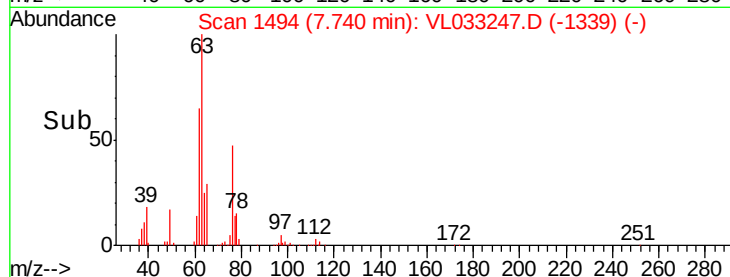
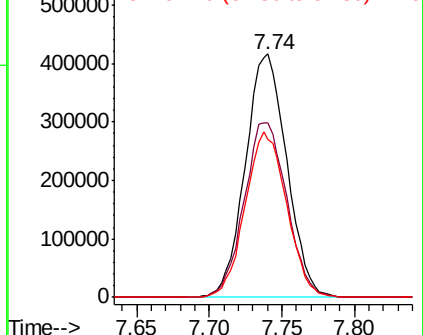
62 64.9 54.2 81.4



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



#40

1,4-Dioxane

Concen: 8.664 ppbv

RT: 7.96 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 88 Resp: 282386

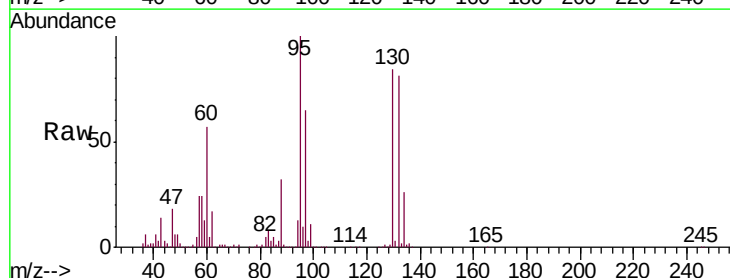
Ion Ratio Lower Upper

88 100

58 132.9 105.1 157.7

43 289.3 0.0 0.0#

57 1268.5 0.0 0.0#

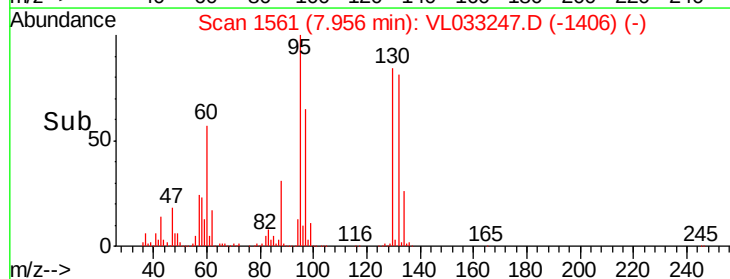
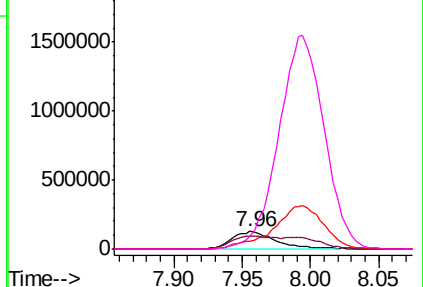


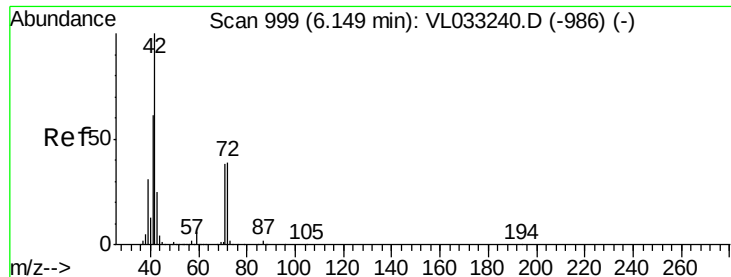
Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

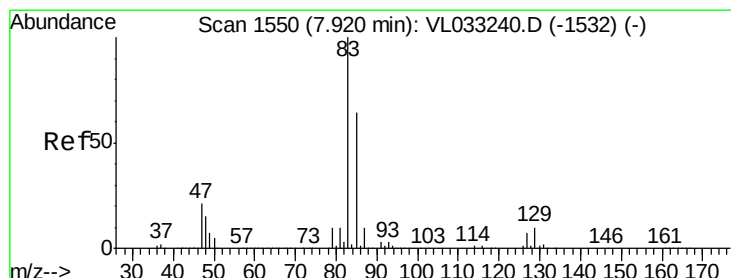
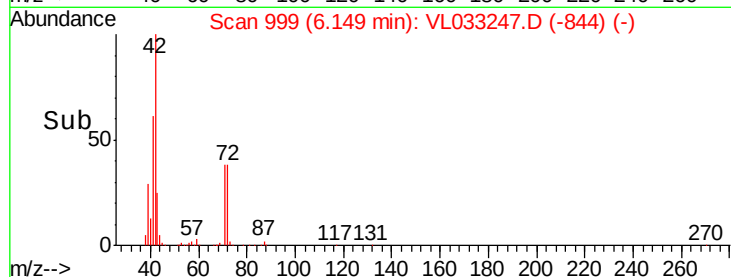
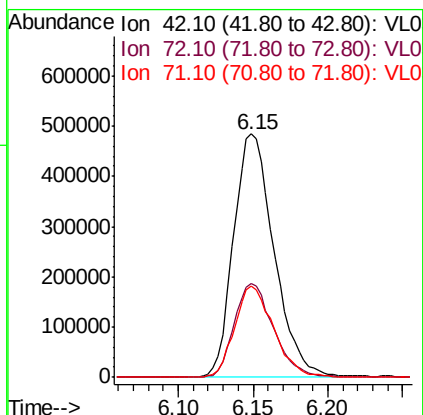
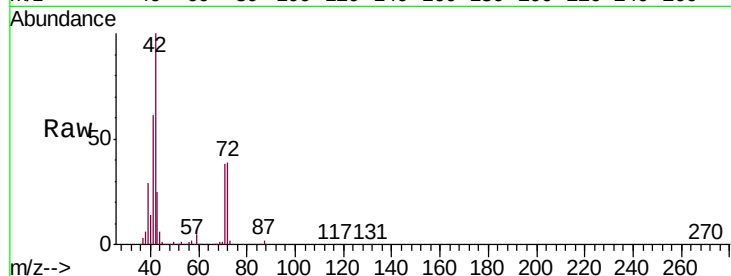
Ion 57.10 (56.80 to 57.80): VL0





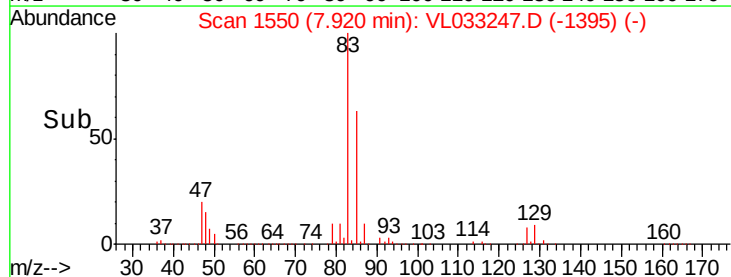
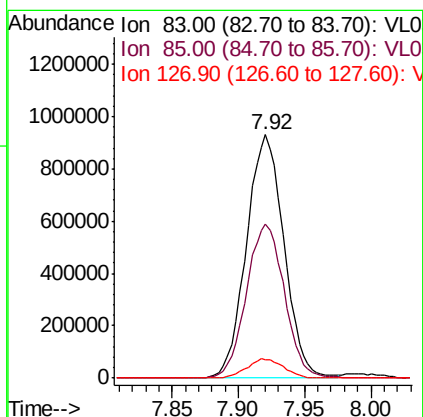
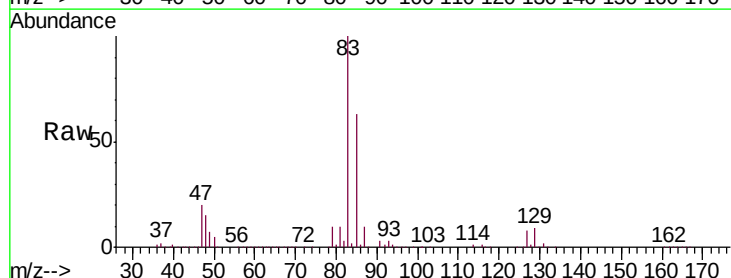
#41
Tetrahydrofuran
Concen: 9.990 ppbv
RT: 6.15 min Scan# 999
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

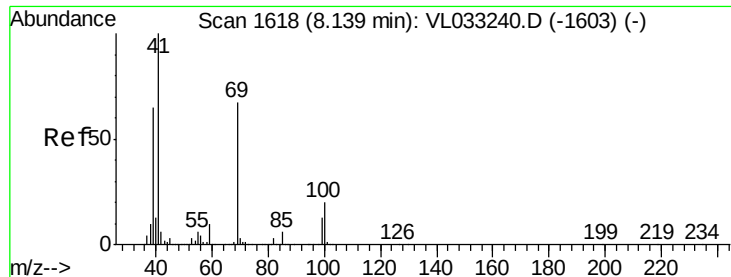
Tgt Ion: 42 Resp: 911631
Ion Ratio Lower Upper
42 100
72 37.6 30.2 45.4
71 36.2 29.6 44.4



#42
Bromodichloromethane
Concen: 9.243 ppbv
RT: 7.92 min Scan# 1550
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 83 Resp: 1830535
Ion Ratio Lower Upper
83 100
85 63.1 51.5 77.3
127 7.7 5.9 8.9





#43

Methyl Methacrylate

Concen: 9.701 ppbv

RT: 8.14 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

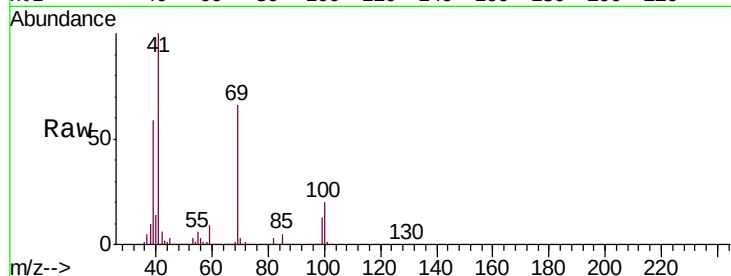
Tgt Ion: 69 Resp: 882998

Ion Ratio Lower Upper

69 100

41 148.7 120.9 181.3

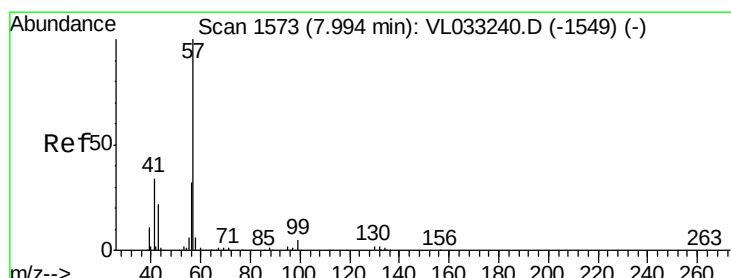
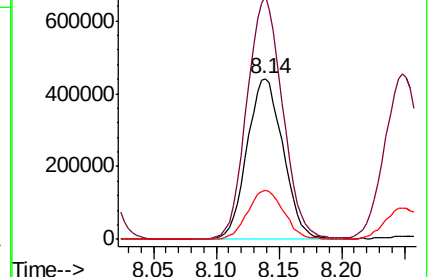
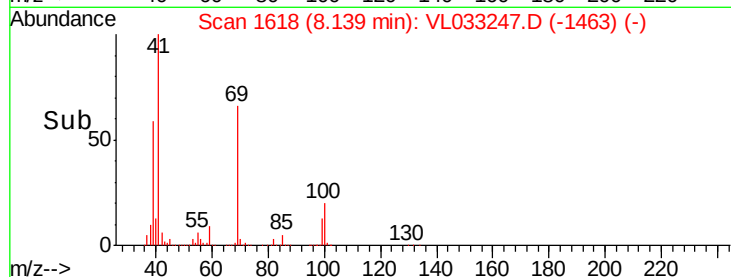
100 30.4 24.4 36.6



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: 8.992 ppbv

RT: 7.99 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

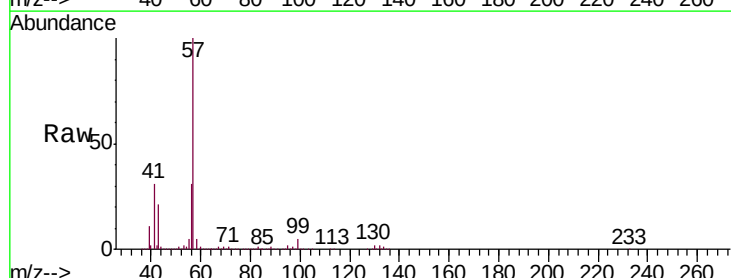
Tgt Ion: 57 Resp: 3577865

Ion Ratio Lower Upper

57 100

41 31.9 26.1 39.1

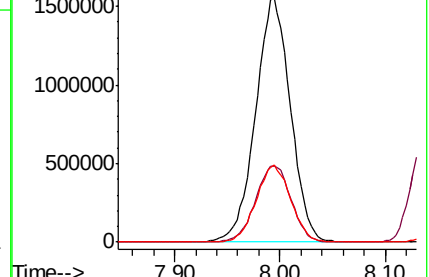
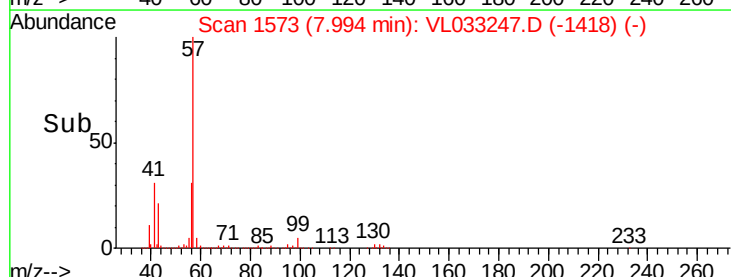
56 31.1 24.7 37.1

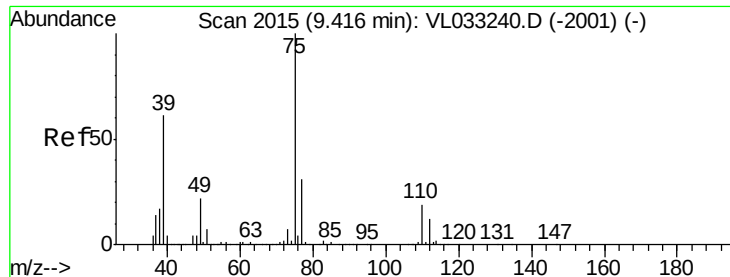


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 10.523 ppbv

RT: 9.42 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VL033247.D

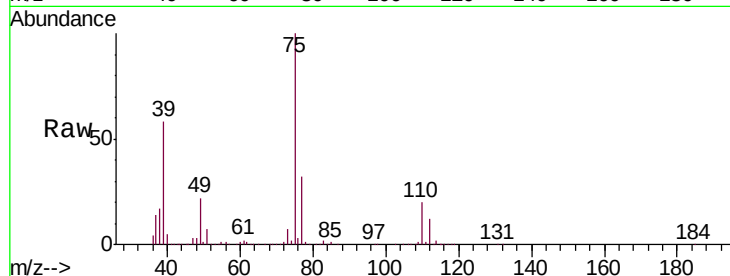
Acq: 6 Mar 2019 7:09

Tgt Ion: 75 Resp: 1158987

Ion Ratio Lower Upper

75 100

77 32.5 24.7 37.1



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

600000

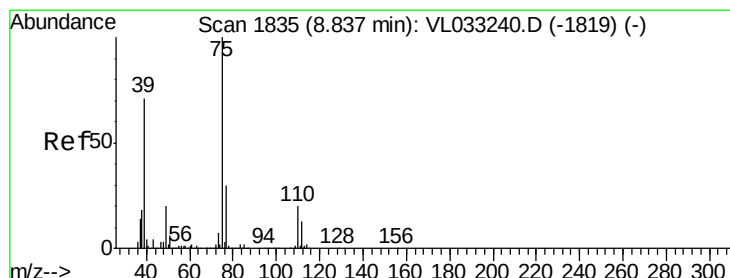
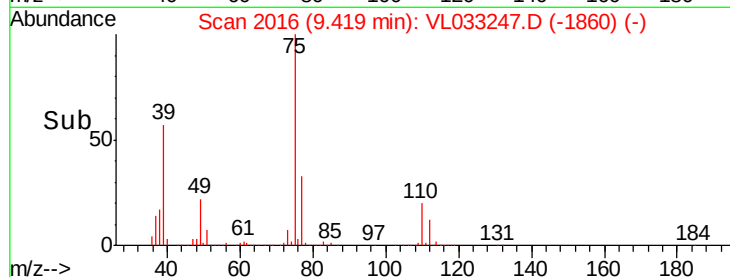
400000

200000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#46

cis-1,3-Dichloropropene

Concen: 10.183 ppbv

RT: 8.84 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

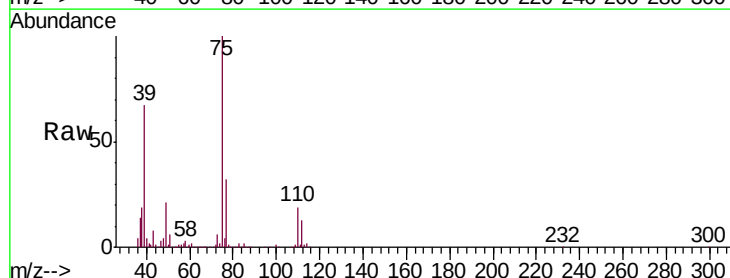
Tgt Ion: 75 Resp: 1337929

Ion Ratio Lower Upper

75 100

39 67.0 57.0 85.6

77 32.3 24.0 36.0



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

800000

600000

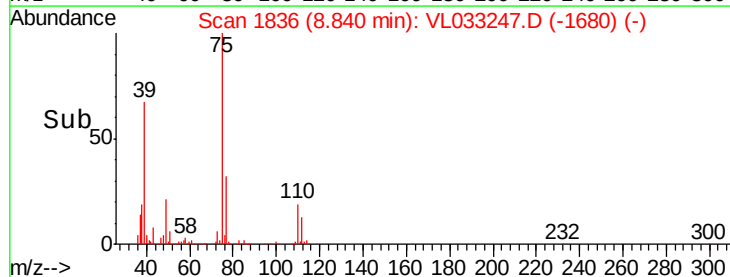
400000

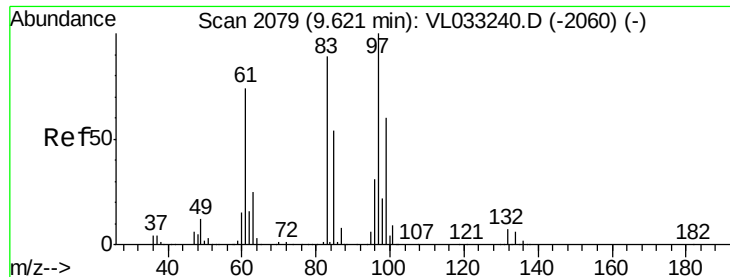
200000

0

8.75 8.80 8.85 8.90

Time-->





#47

1,1,2-Trichloroethane

Concen: 9.068 ppbv

RT: 9.62 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 97 Resp: 857343

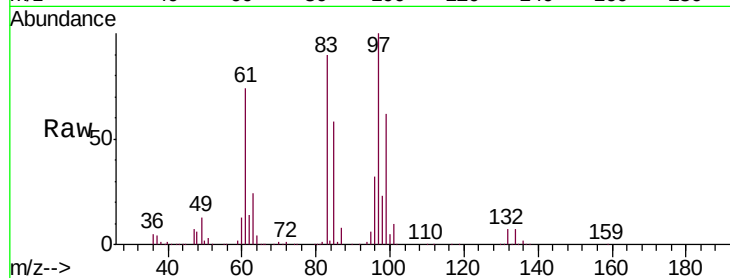
Ion Ratio Lower Upper

97 100

83 90.5 71.1 106.7

85 58.1 42.9 64.3

99 61.9 48.2 72.4

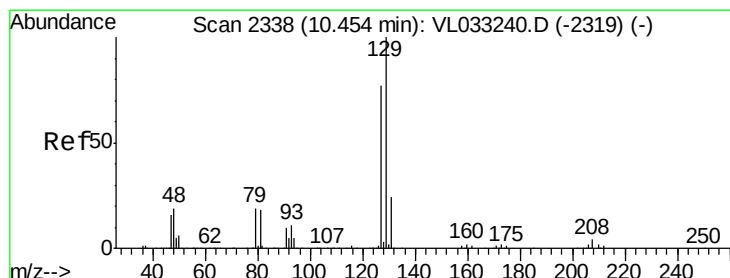
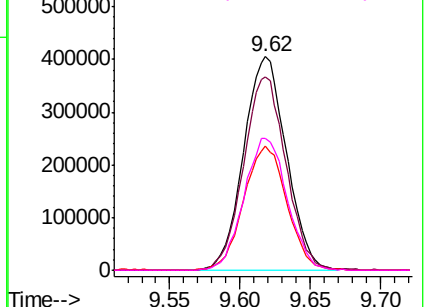
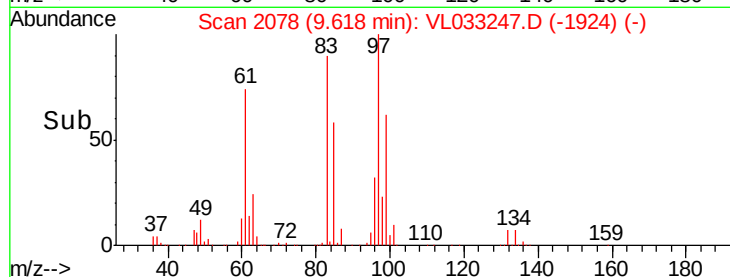


Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 9.594 ppbv

RT: 10.45 min Scan# 2338

Delta R.T. -0.00 min

Lab File: VL033247.D

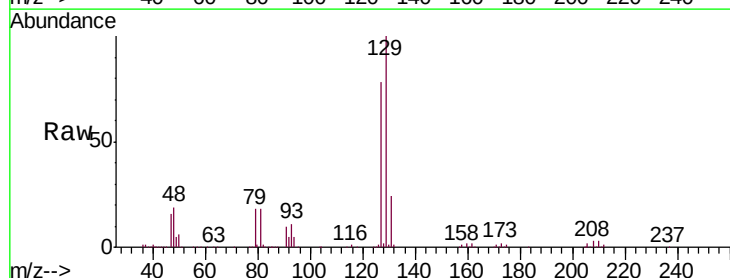
Acq: 6 Mar 2019 7:09

Tgt Ion: 129 Resp: 1469212

Ion Ratio Lower Upper

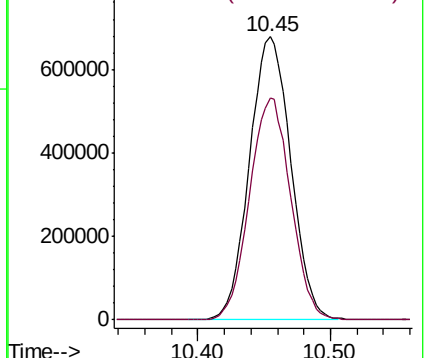
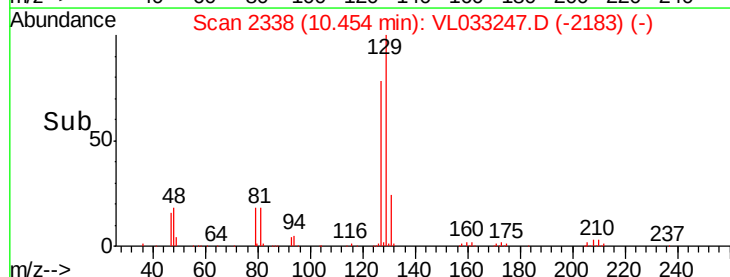
129 100

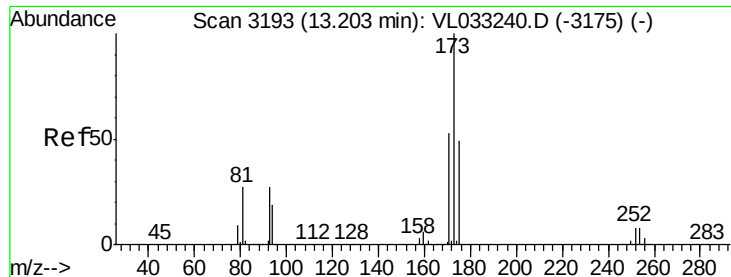
127 78.1 39.0 117.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#49

Bromoform

Concen: 9.845 ppbv

RT: 13.21 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

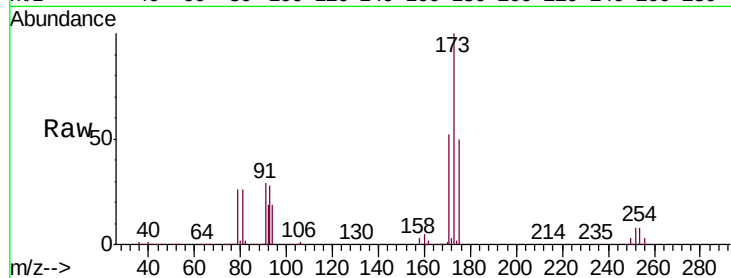
Tgt Ion: 173 Resp: 1203996

Ion Ratio Lower Upper

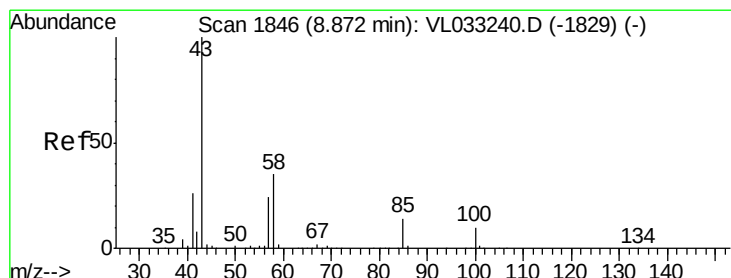
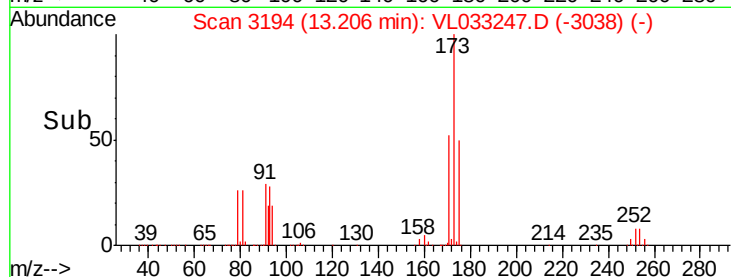
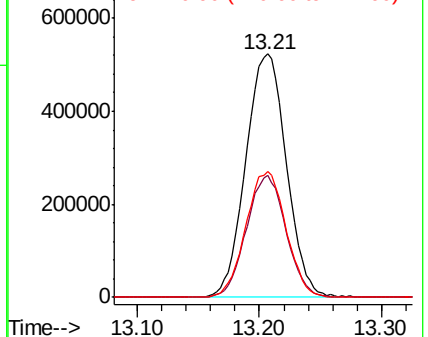
173 100

175 48.7 38.9 58.3

171 51.3 41.4 62.0



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: 9.080 ppbv

RT: 8.87 min Scan# 1845

Delta R.T. -0.00 min

Lab File: VL033247.D

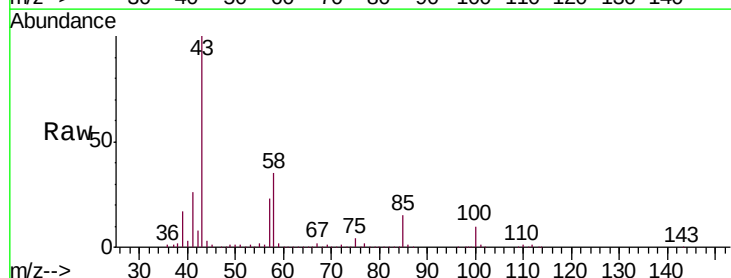
Acq: 6 Mar 2019 7:09

Tgt Ion: 43 Resp: 2230897

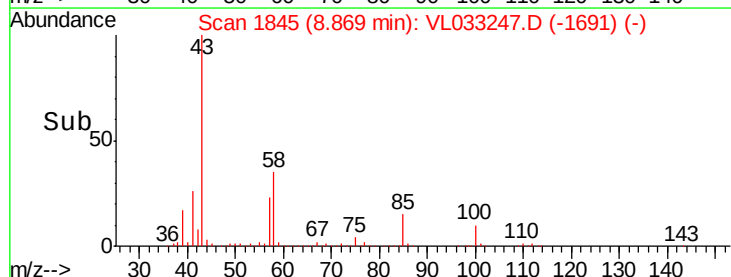
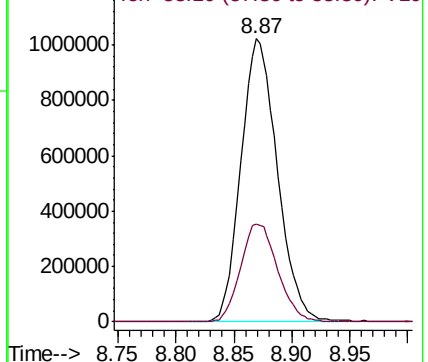
Ion Ratio Lower Upper

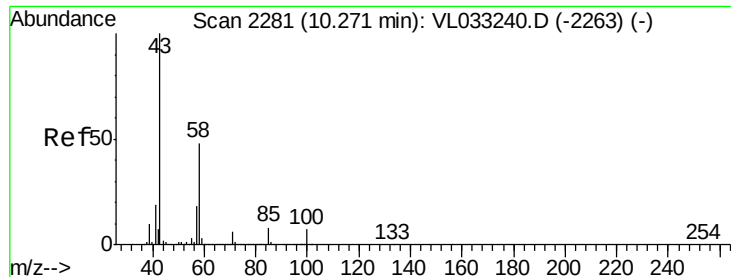
43 100

58 35.5 27.8 41.6



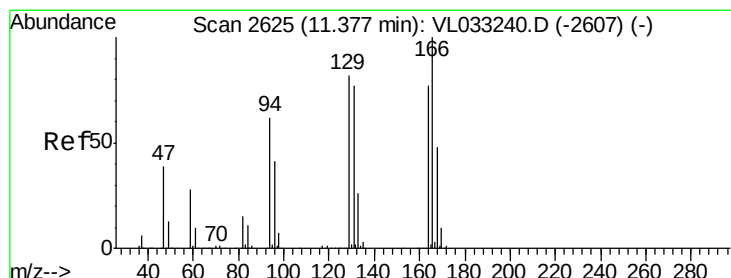
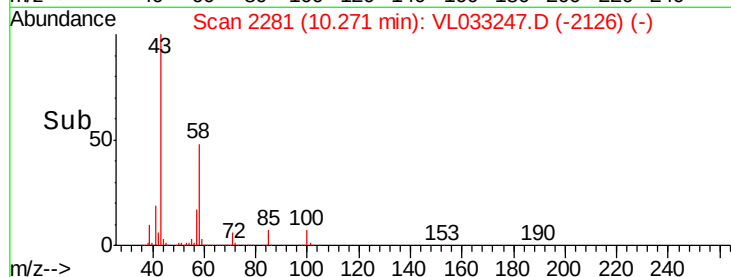
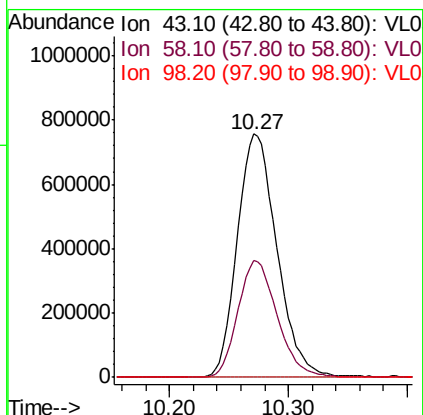
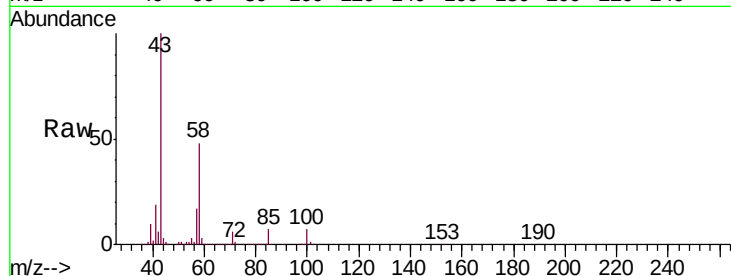
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0





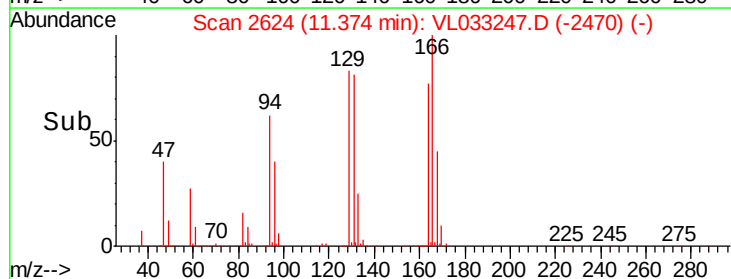
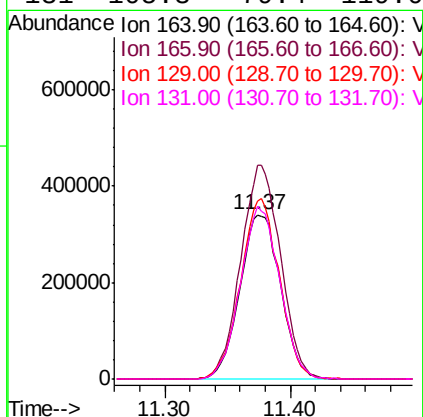
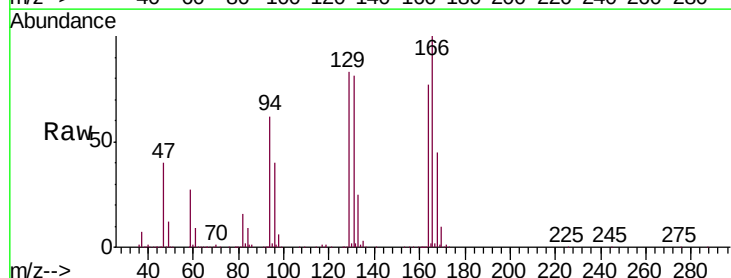
#51
2-Hexanone
Concen: 9.479 ppbv
RT: 10.27 min Scan# 2281
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

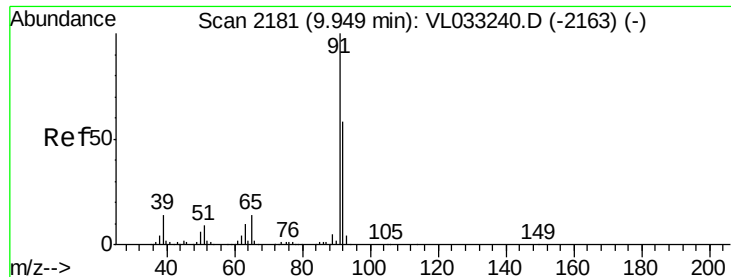
Tgt Ion: 43 Resp: 1741937
Ion Ratio Lower Upper
43 100
58 47.7 38.2 57.2
98 0.2 0.2 0.4#



#52
Tetrachloroethene
Concen: 9.167 ppbv
RT: 11.37 min Scan# 2624
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 164 Resp: 768673
Ion Ratio Lower Upper
164 100
166 130.0 103.3 154.9
129 108.0 84.4 126.6
131 105.3 79.4 119.0





#53

Toluene

Concen: 9.595 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.00 min

Lab File: VL033247.D

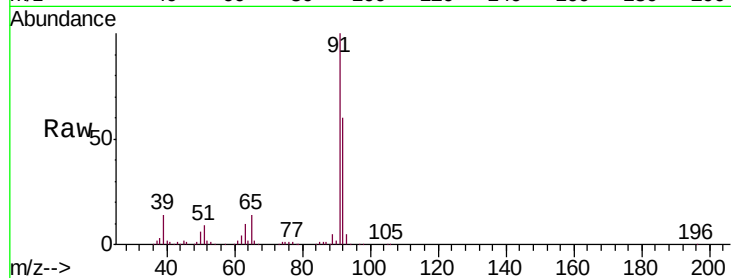
Acq: 6 Mar 2019 7:09

Tgt Ion: 91 Resp: 2496022

Ion Ratio Lower Upper

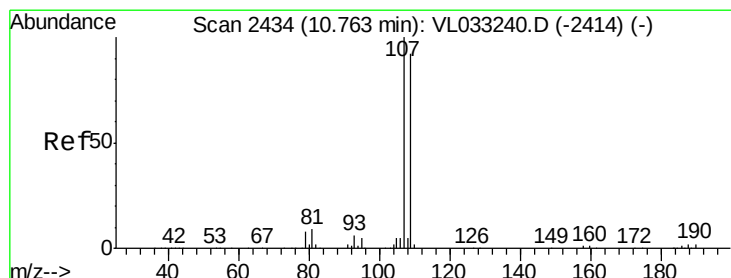
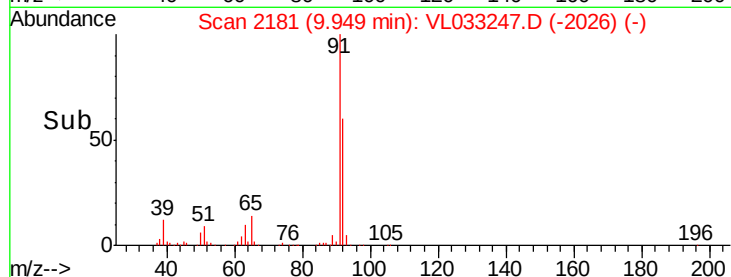
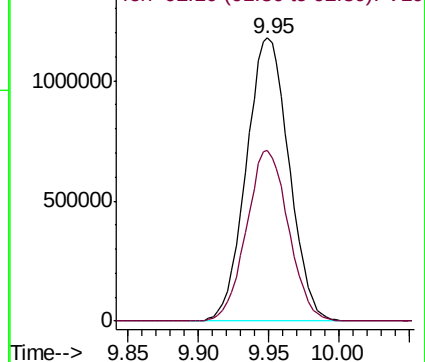
91 100

92 59.5 47.4 71.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0



#54

1,2-Dibromoethane

Concen: 9.356 ppbv

RT: 10.76 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VL033247.D

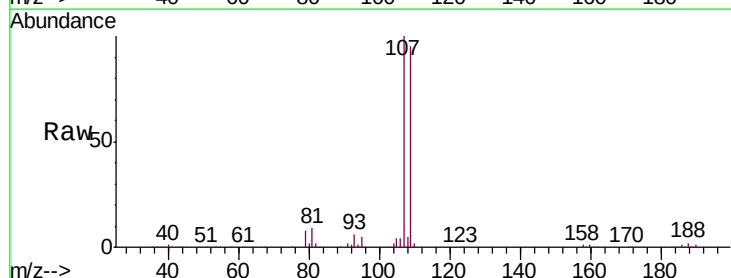
Acq: 6 Mar 2019 7:09

Tgt Ion: 107 Resp: 1343616

Ion Ratio Lower Upper

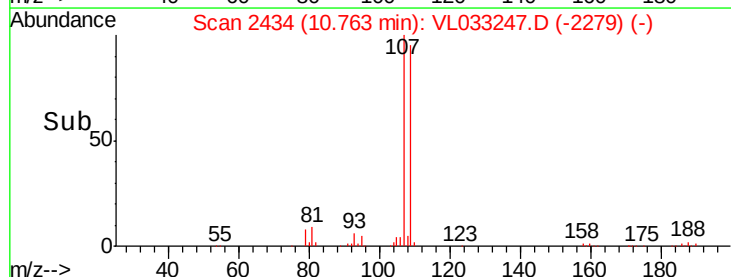
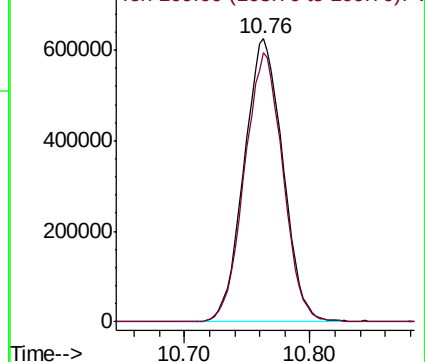
107 100

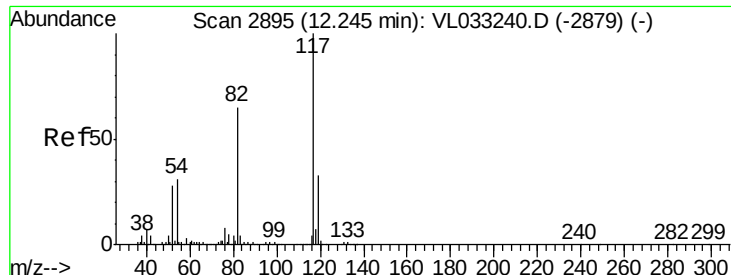
109 95.0 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V

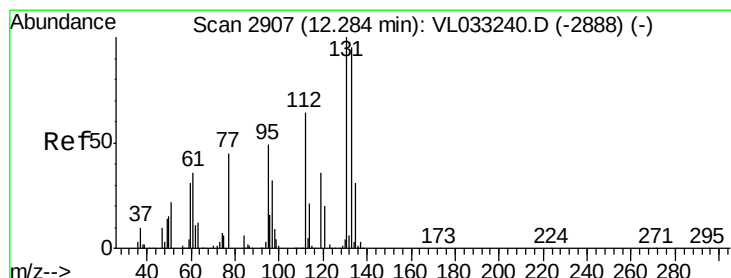
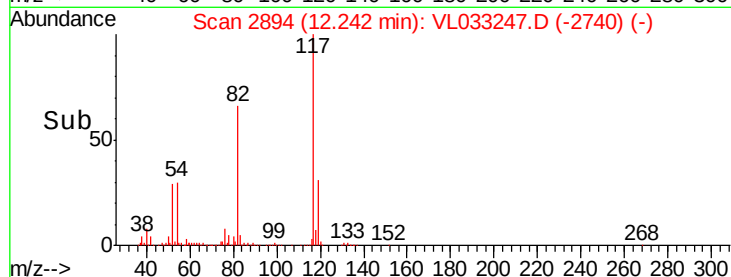
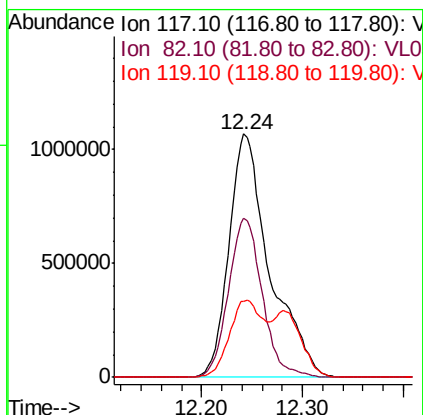
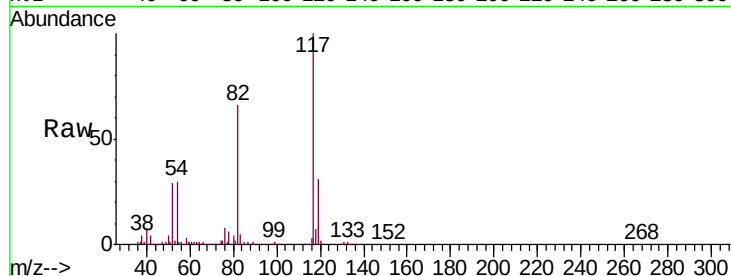
Ion 109.00 (108.70 to 109.70): V





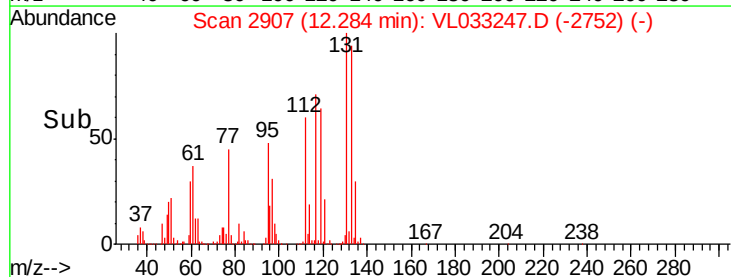
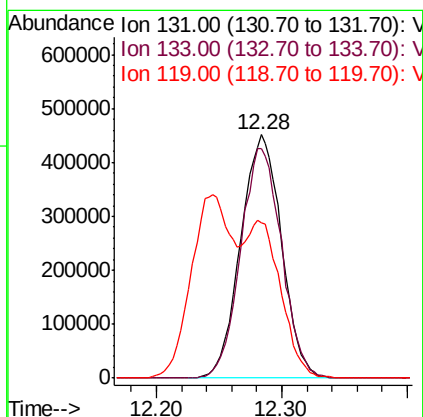
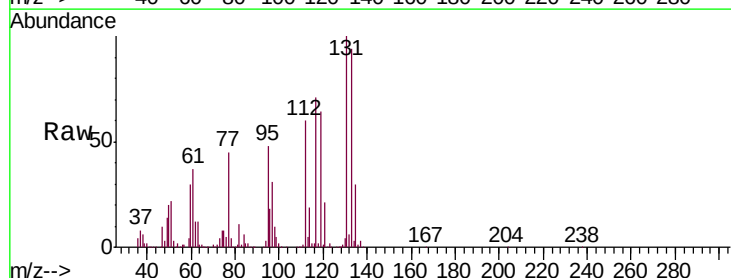
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

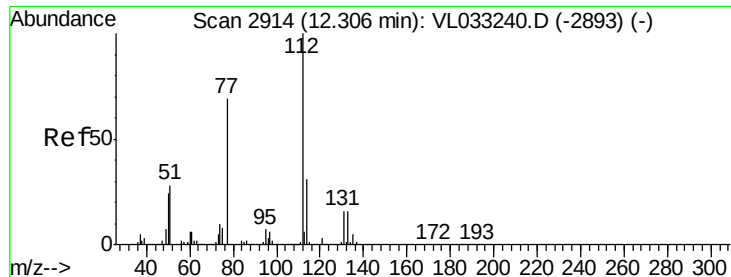
Tgt Ion:117 Resp: 3010404
Ion Ratio Lower Upper
117 100
82 54.3 51.8 77.8
119 25.6 43.6 65.4#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.809 ppbv
RT: 12.28 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

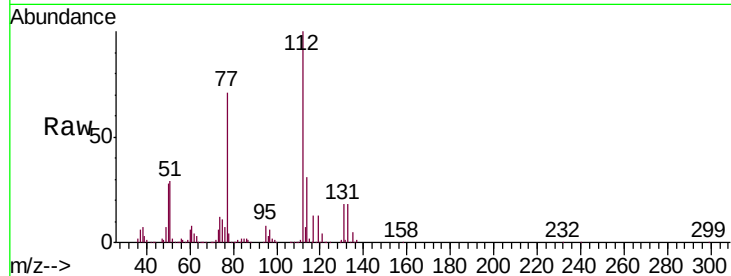
Tgt Ion:131 Resp: 1020470
Ion Ratio Lower Upper
131 100
133 95.0 76.2 114.2
119 59.3 108.9 163.3#



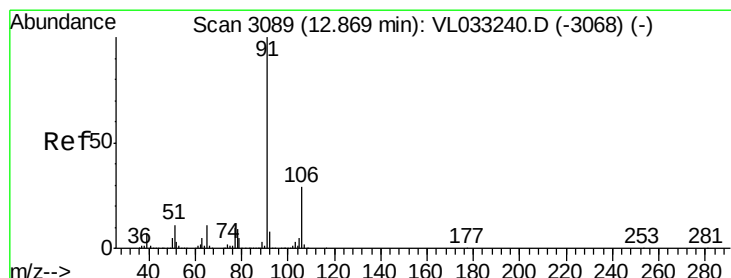
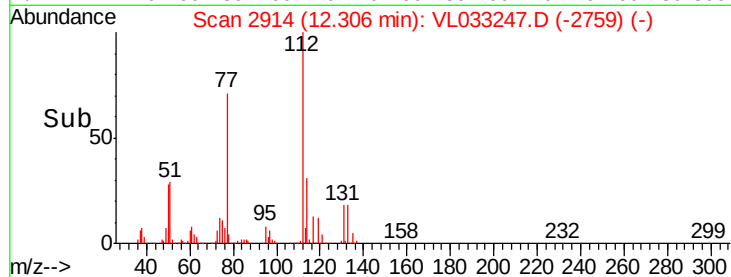
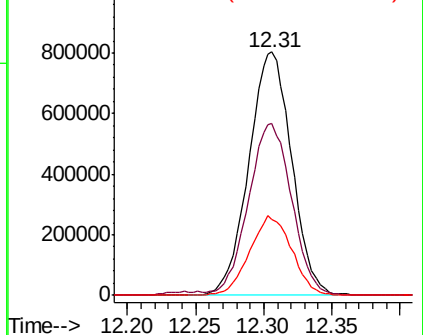


#57
Chlorobenzene
Concen: 7.446 ppbv
RT: 12.31 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 112 Resp: 1745239
Ion Ratio Lower Upper
112 100
77 70.0 56.5 84.7
114 31.1 28.4 34.7

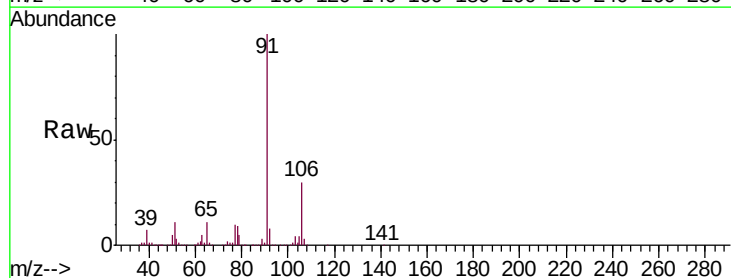


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

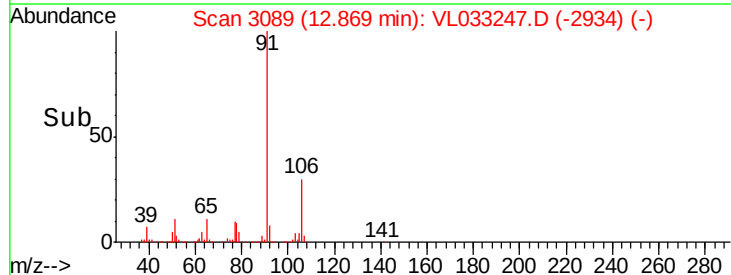
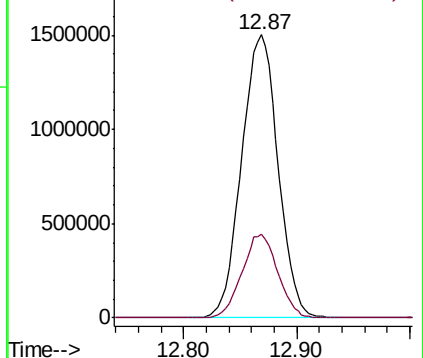


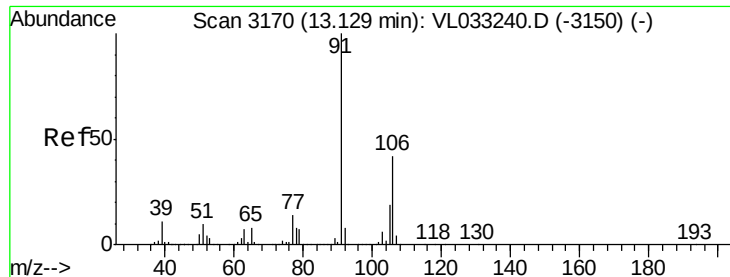
#58
Ethyl Benzene
Concen: 8.074 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

Tgt Ion: 91 Resp: 3362169
Ion Ratio Lower Upper
91 100
106 29.5 23.5 35.3



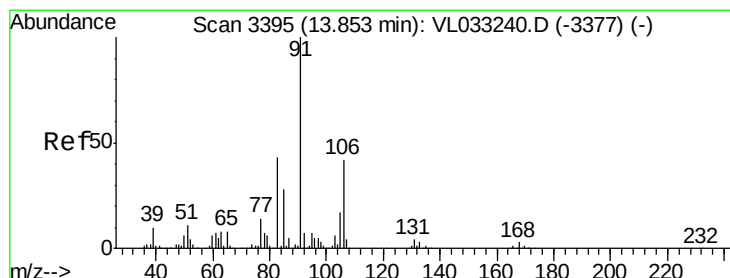
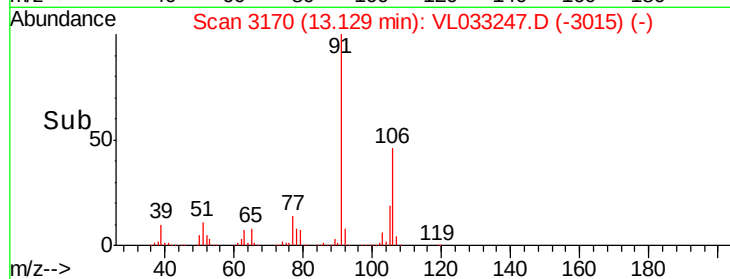
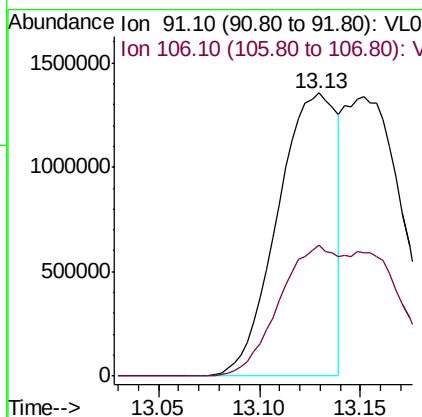
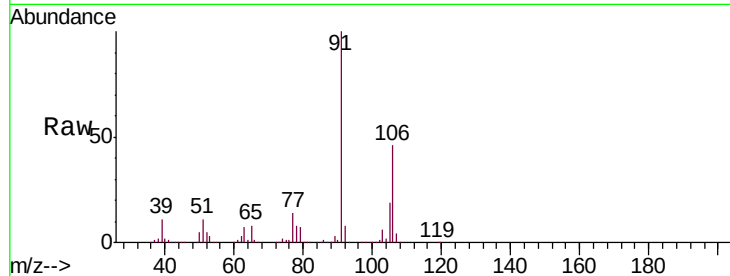
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





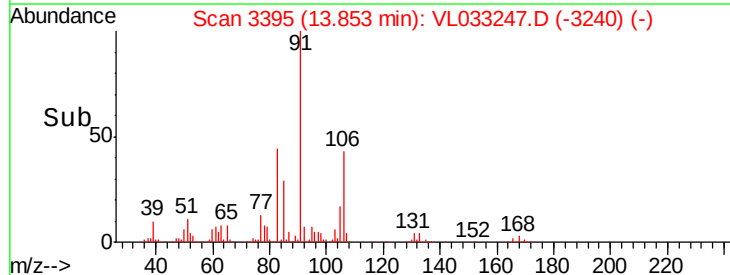
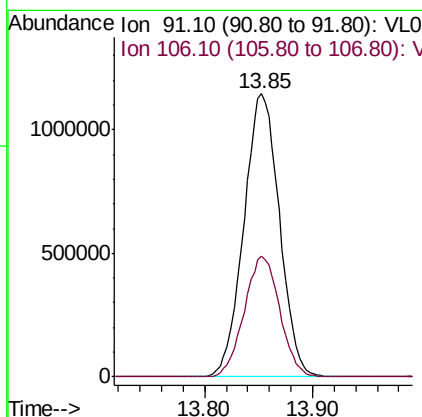
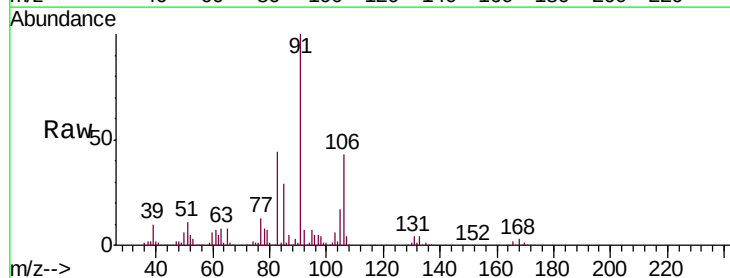
#59
m/p-Xylene
Concen: 7.736 ppbv
RT: 13.13 min Scan# 3170
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

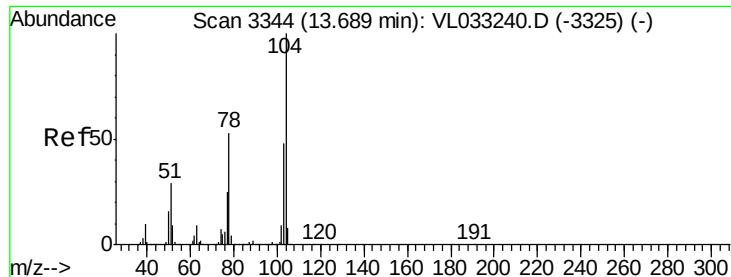
Tgt Ion: 91 Resp: 2744981
Ion Ratio Lower Upper
91 100
106 88.6 35.6 53.4#



#60
o-Xylene
Concen: 7.755 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL033247.D
Acq: 6 Mar 2019 7:09

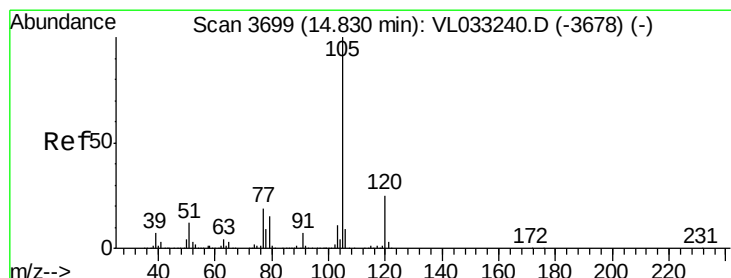
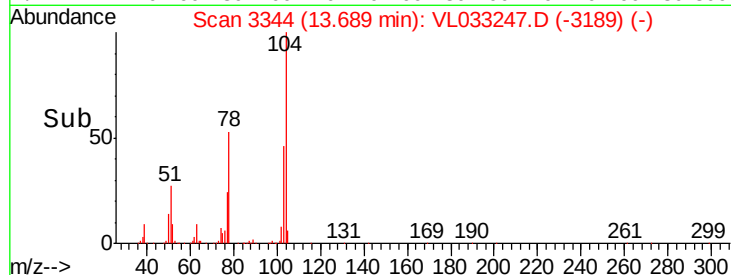
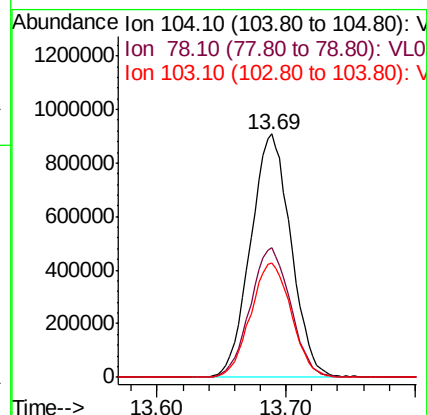
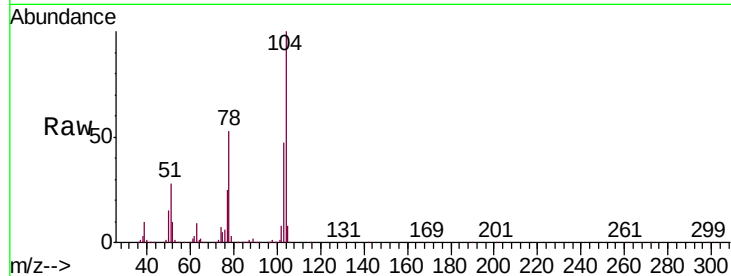
Tgt Ion: 91 Resp: 2623905
Ion Ratio Lower Upper
91 100
106 42.8 21.4 64.3





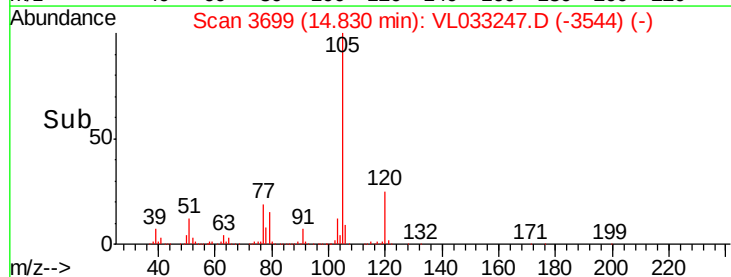
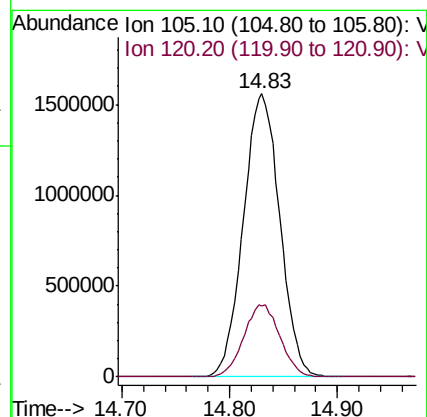
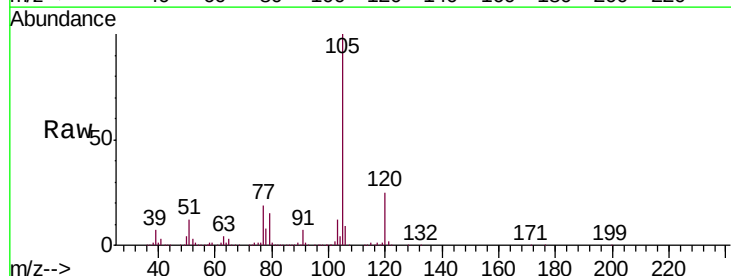
#61
 Styrene
 Concen: 8.315 ppbv
 RT: 13.69 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

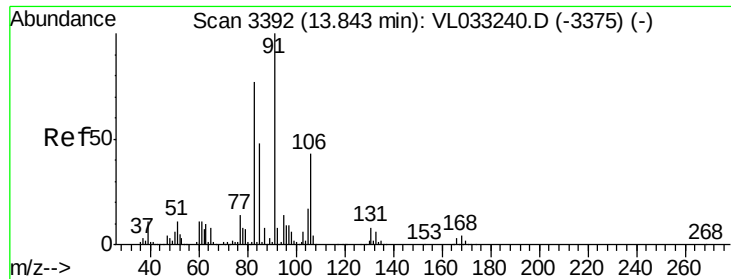
Tgt Ion:104 Resp: 1978316
 Ion Ratio Lower Upper
 104 100
 78 53.4 43.7 65.5
 103 47.7 38.2 57.2



#62
 Isopropylbenzene
 Concen: 7.764 ppbv
 RT: 14.83 min Scan# 3699
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion:105 Resp: 3662111
 Ion Ratio Lower Upper
 105 100
 120 25.4 20.1 30.1

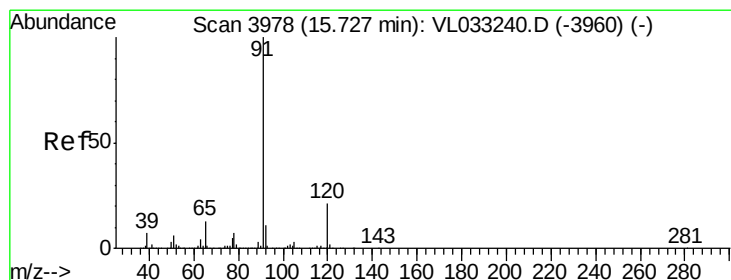
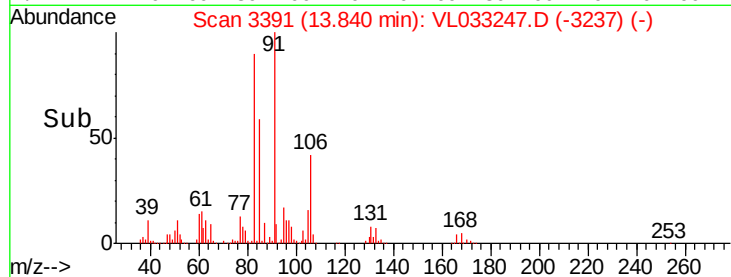
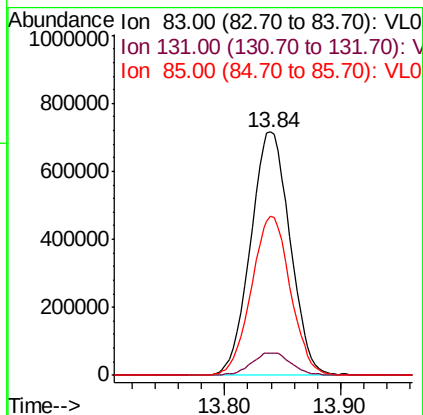
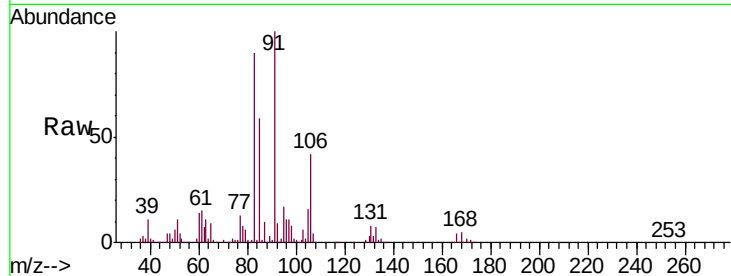




#63
 1,1,2,2-Tetrachloroethane
 Concen: 7.023 ppbv
 RT: 13.84 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 83 Resp: 1690727

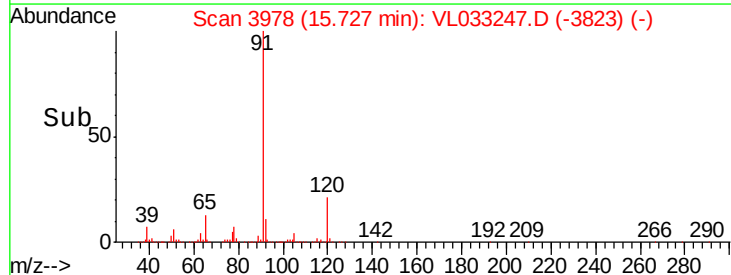
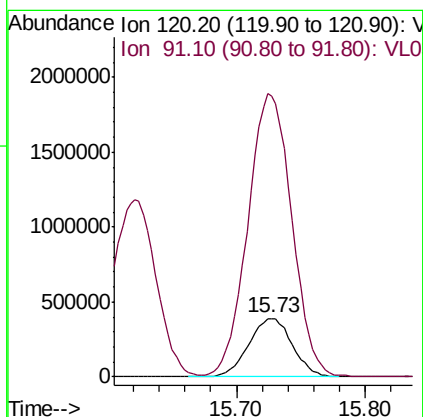
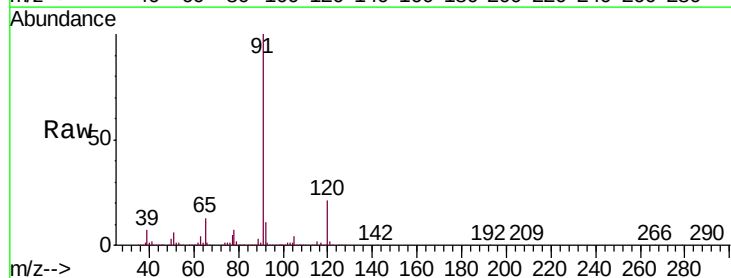
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.0
85	64.9	32.6	97.8

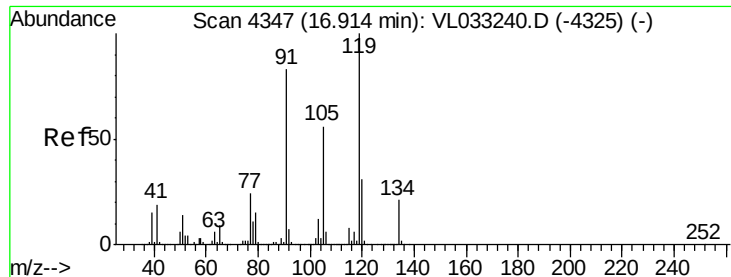


#64
 n-propylbenzene
 Concen: 7.866 ppbv
 RT: 15.73 min Scan# 3978
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 120 Resp: 919771

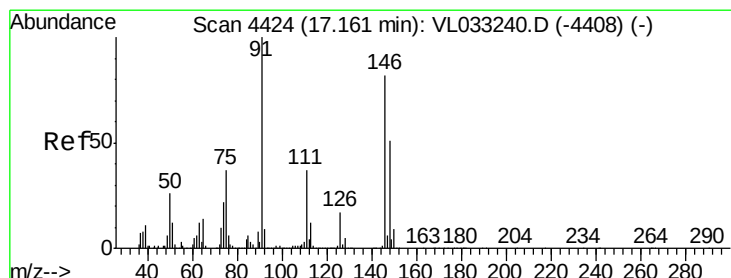
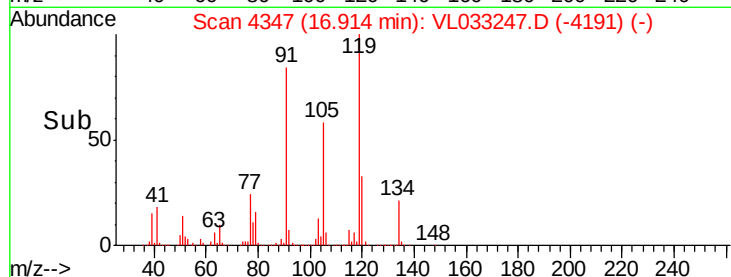
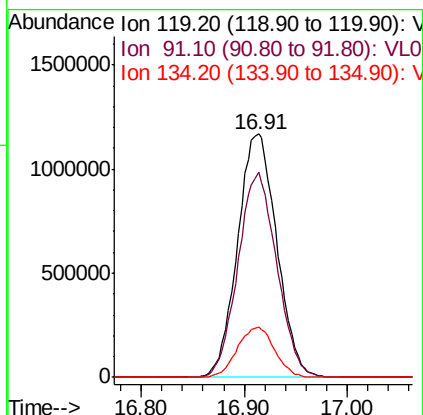
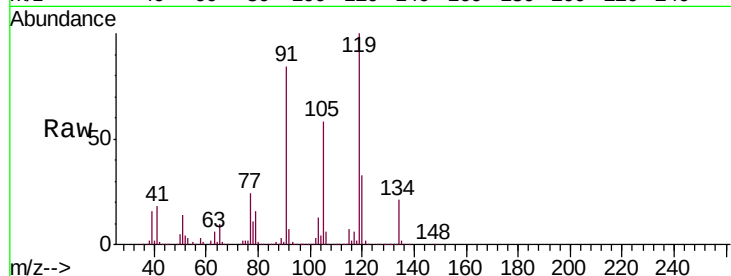
Ion	Ratio	Lower	Upper
120	100		
91	488.3	392.2	588.4





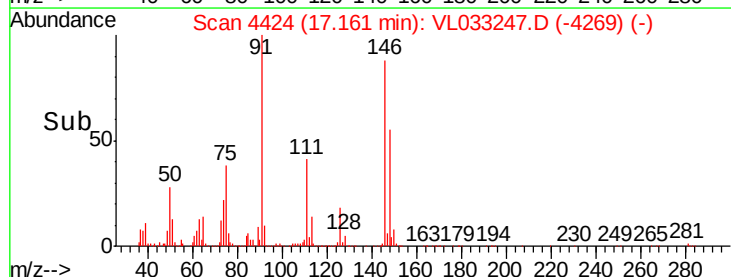
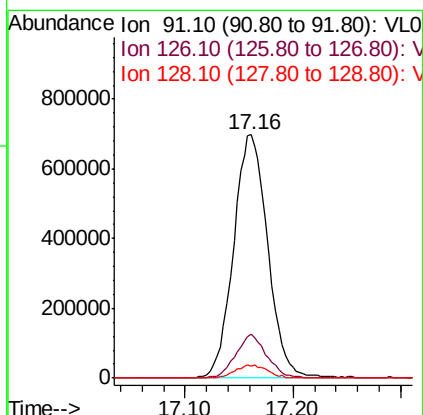
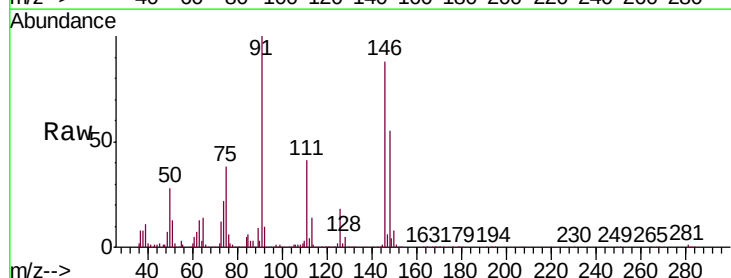
#65
 tert-Butylbenzene
 Concen: 7.652 ppbv
 RT: 16.91 min Scan# 4347
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

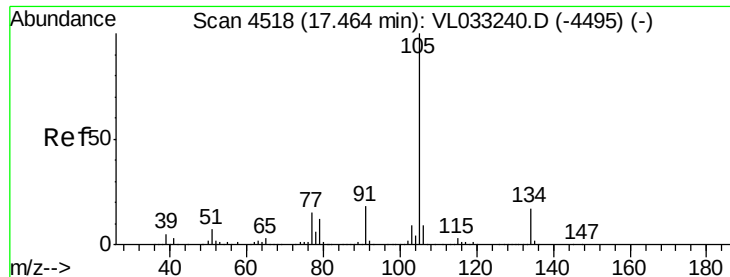
Tgt Ion: 119 Resp: 3081529
 Ion Ratio Lower Upper
 119 100
 91 83.5 67.0 100.4
 134 19.6 15.4 23.2



#66
 Benzyl Chloride
 Concen: 9.852 ppbv
 RT: 17.16 min Scan# 4424
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 91 Resp: 1534543
 Ion Ratio Lower Upper
 91 100
 126 16.5 13.4 20.0
 128 5.2 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.747 ppbv

RT: 17.46 min Scan# 4518

Delta R.T. -0.00 min

Lab File: VL033247.D

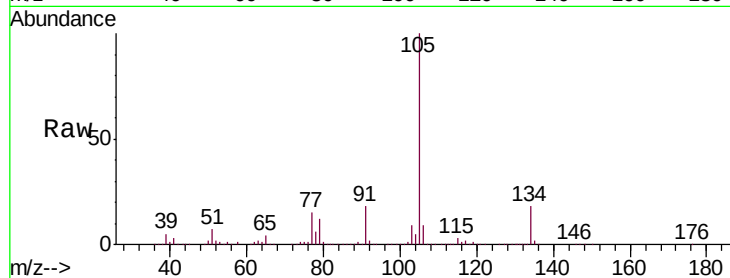
Acq: 6 Mar 2019 7:09

Tgt Ion: 105 Resp: 4447345

Ion Ratio Lower Upper

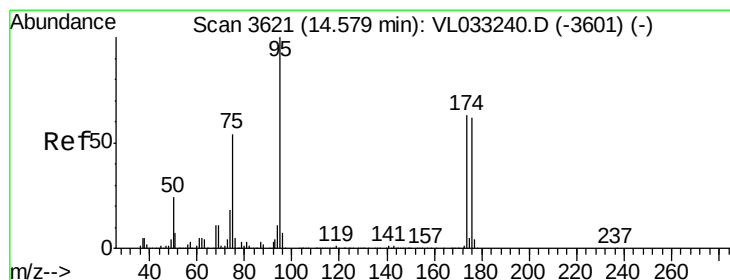
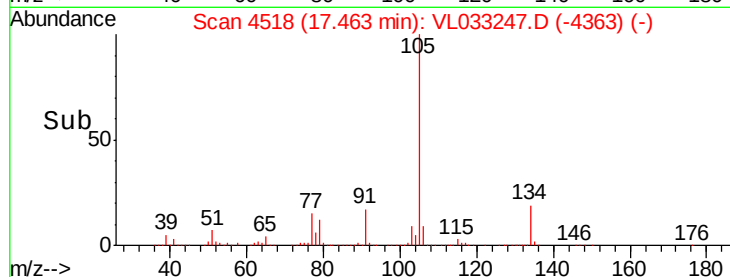
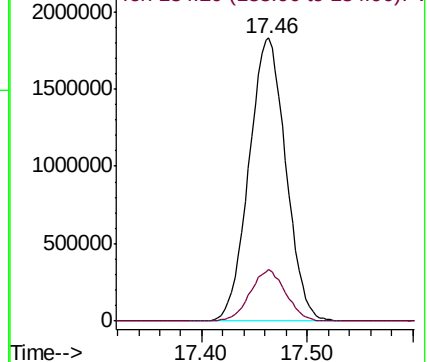
105 100

134 17.6 14.2 21.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 8.114 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

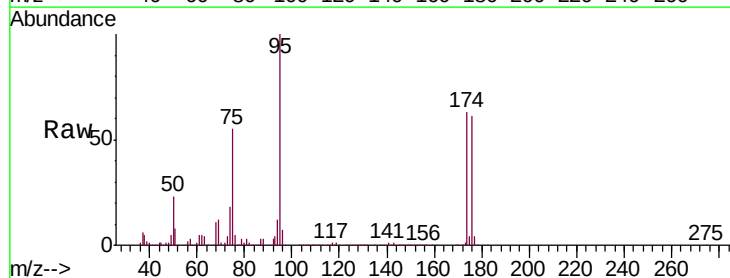
Tgt Ion: 95 Resp: 1853465

Ion Ratio Lower Upper

95 100

174 64.0 51.0 76.4

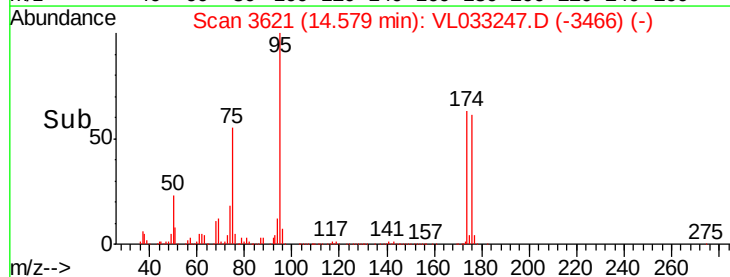
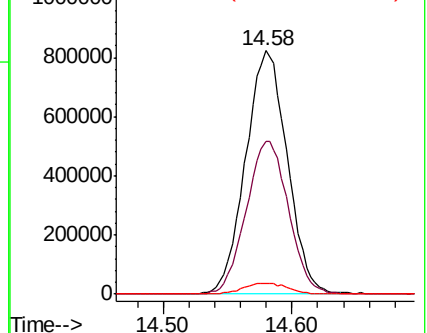
175 4.6 3.8 5.6

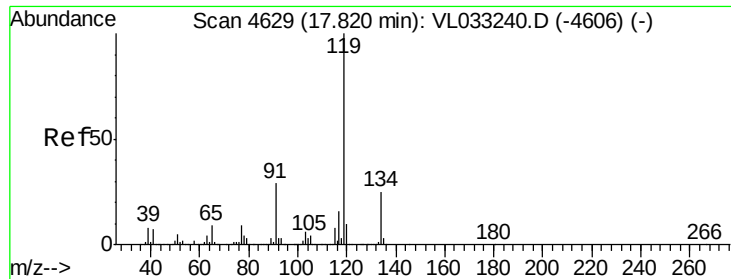


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

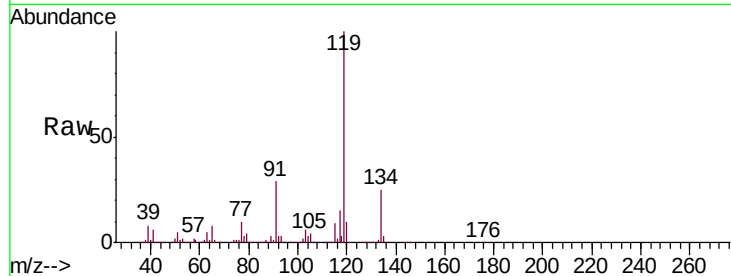
Ion 175.00 (174.70 to 175.70): V



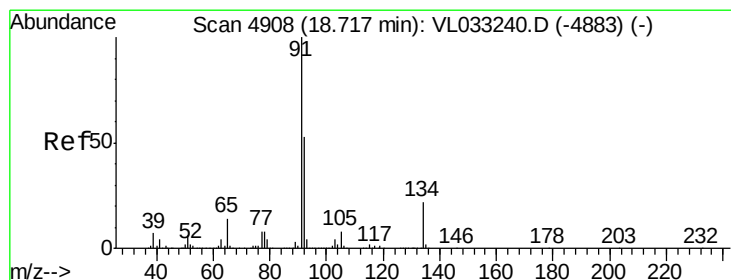
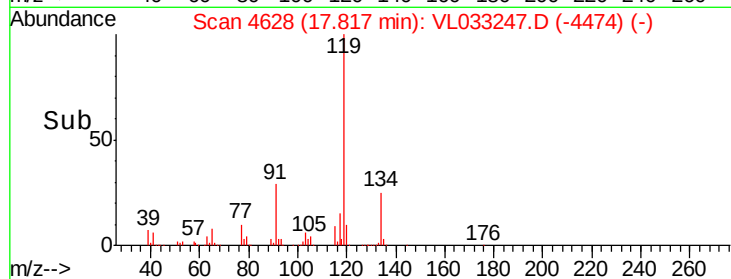
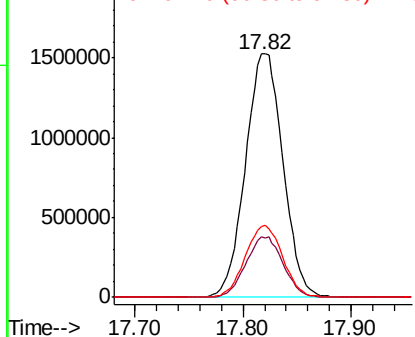


#69
 p-Isopropyltoluene
 Concen: 7.949 ppbv
 RT: 17.82 min Scan# 4628
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 119 Resp: 3690035
 Ion Ratio Lower Upper
 119 100
 134 24.8 19.9 29.9
 91 29.5 23.9 35.9

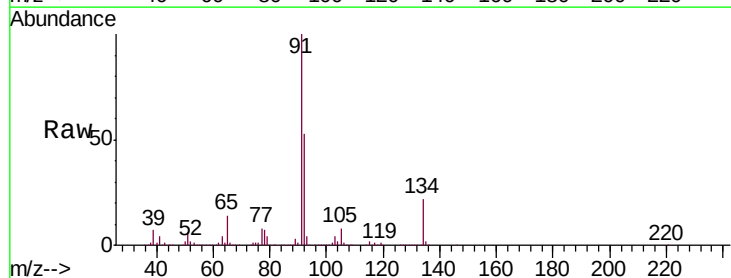


Abundance Ion 119.10 (118.80 to 119.80): V
 Ion 134.20 (133.90 to 134.90): V
 Ion 91.10 (90.80 to 91.80): V

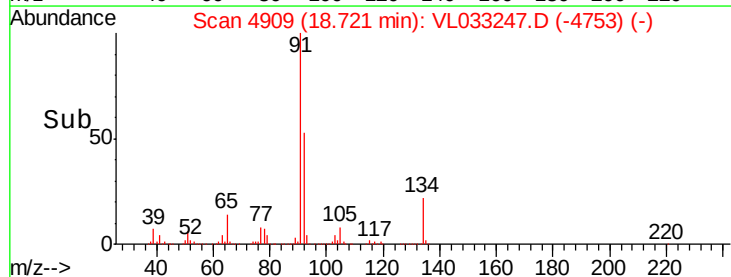
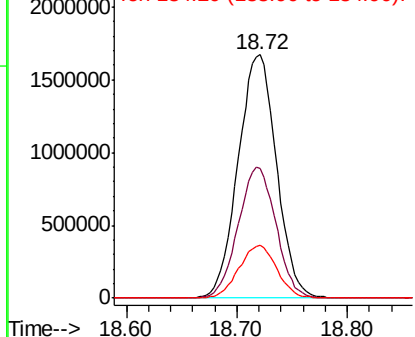


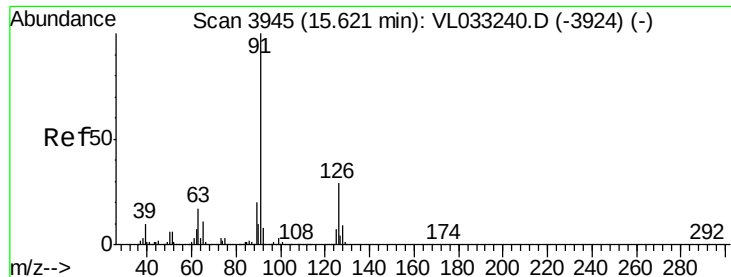
#70
 n-Butylbenzene
 Concen: 7.892 ppbv
 RT: 18.72 min Scan# 4909
 Delta R.T. 0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion: 91 Resp: 4013120
 Ion Ratio Lower Upper
 91 100
 92 53.3 42.4 63.6
 134 21.7 17.3 25.9



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: 7.719 ppbv

RT: 15.62 min Scan# 3945

Delta R.T. -0.00 min

Lab File: VL033247.D

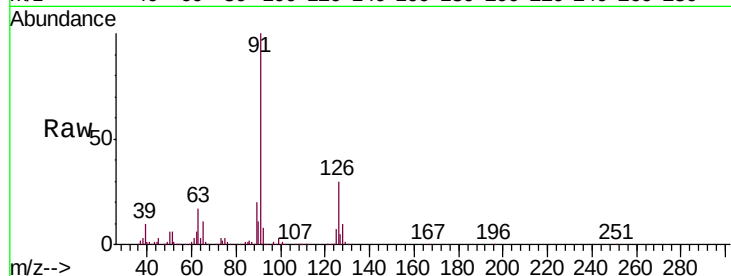
Acq: 6 Mar 2019 7:09

Tgt Ion: 91 Resp: 2783932

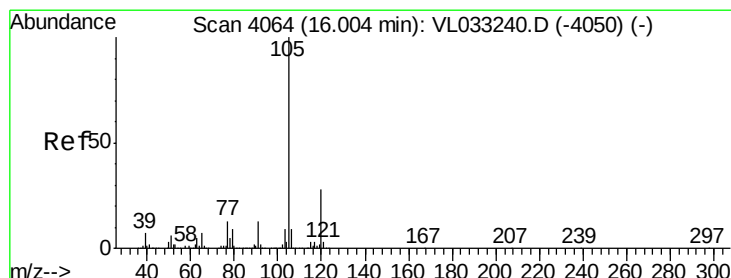
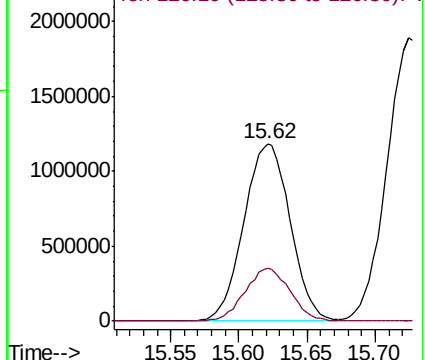
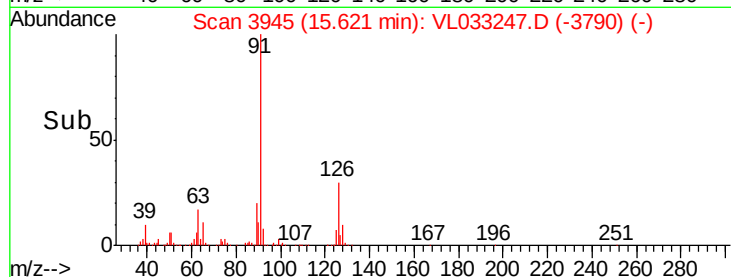
Ion Ratio Lower Upper

91 100

126 29.1 11.6 46.2



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



#72

4-Ethyltoluene

Concen: 8.054 ppbv

RT: 16.00 min Scan# 4063

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion: 105 Resp: 2977793

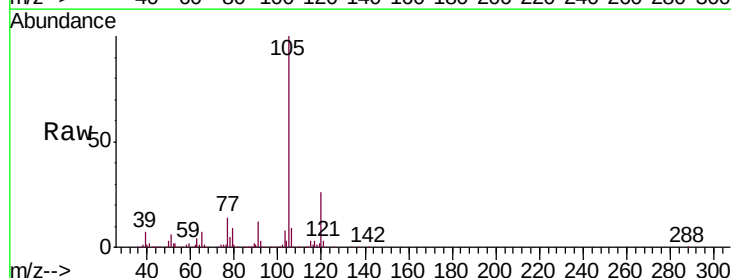
Ion Ratio Lower Upper

105 100

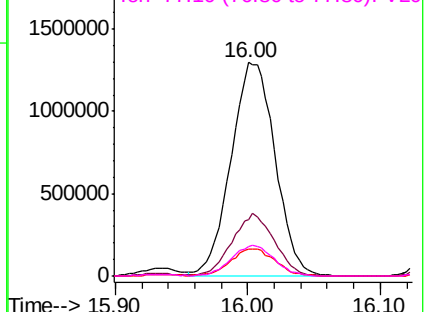
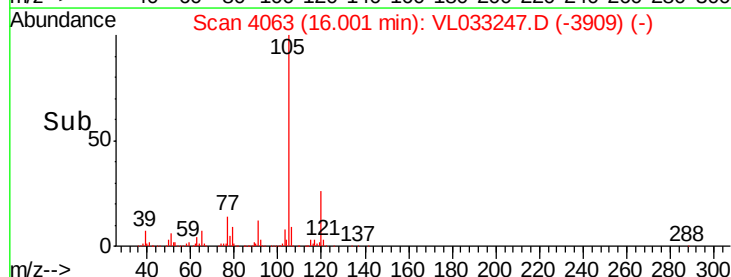
120 28.3 22.3 33.5

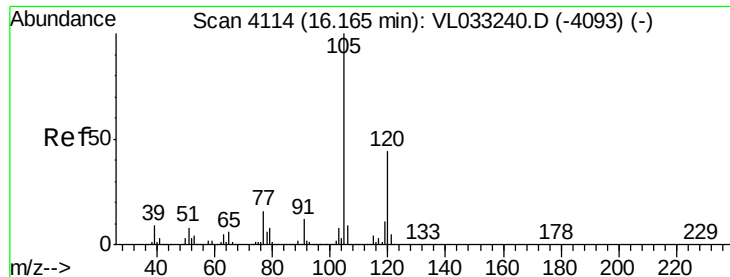
91 12.7 10.3 15.5

77 14.0 11.3 16.9



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: 8.003 ppbv

RT: 16.16 min Scan# 4113

Delta R.T. -0.00 min

Lab File: VL033247.D

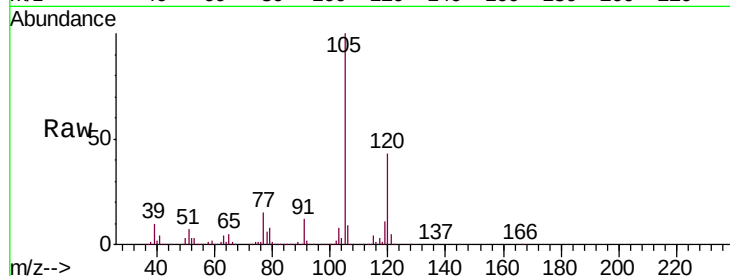
Acq: 6 Mar 2019 7:09

Tgt Ion:105 Resp: 2840369

Ion Ratio Lower Upper

105 100

120 43.0 35.0 52.6



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

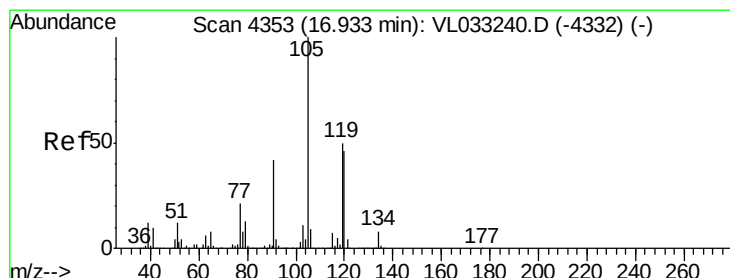
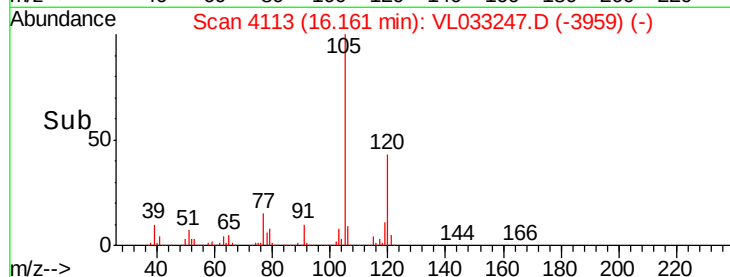
16.16

1000000

500000

0

Time-->



#74

1,2,4-Trimethylbenzene

Concen: 7.697 ppbv

RT: 16.93 min Scan# 4352

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

Tgt Ion:105 Resp: 2871159

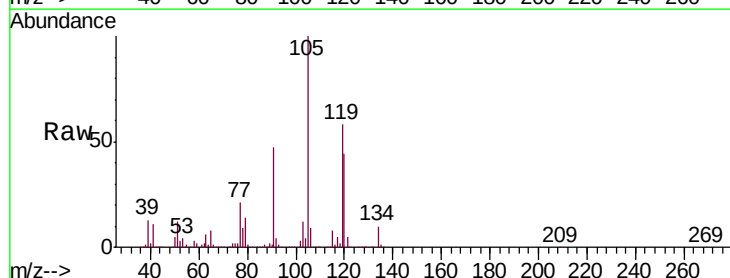
Ion Ratio Lower Upper

105 100

120 44.3 36.5 54.7

91 47.0 34.4 51.6

77 20.9 17.0 25.4



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

2000000

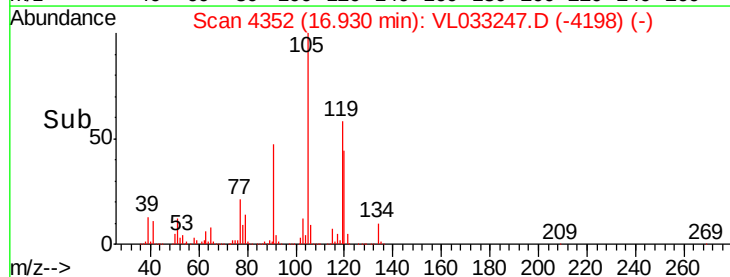
1500000

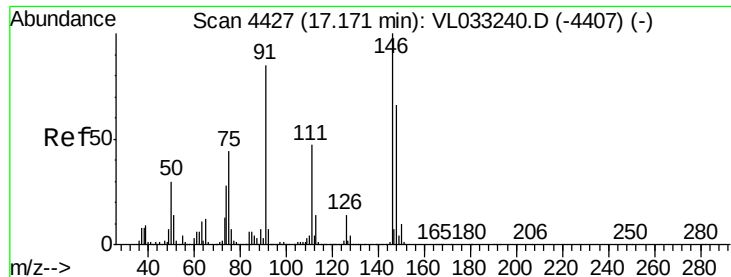
1000000

500000

0

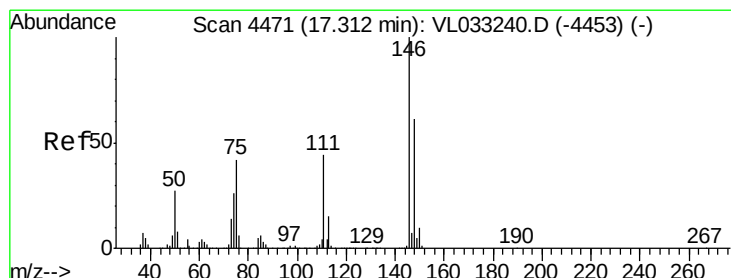
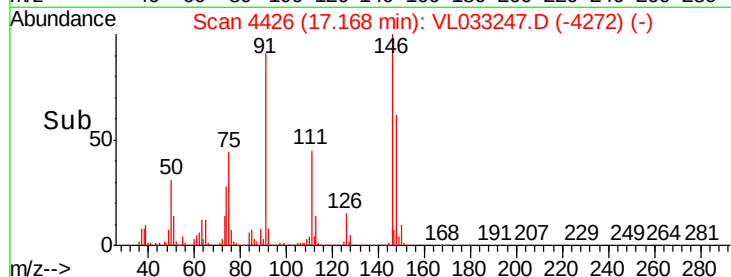
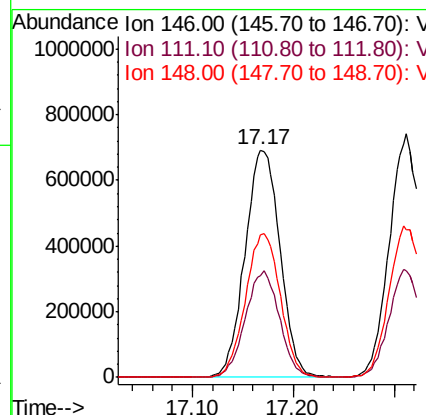
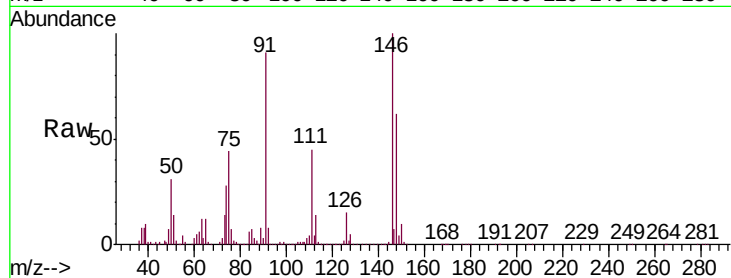
Time-->





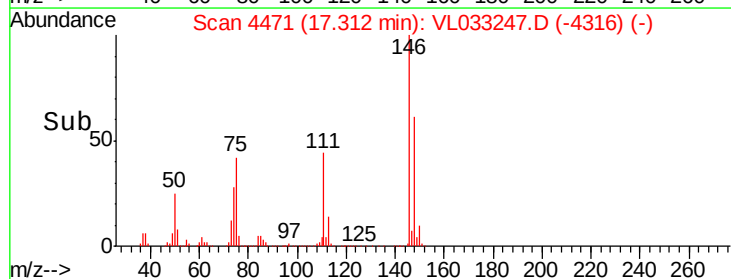
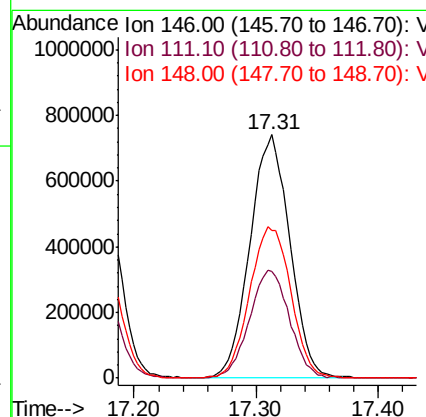
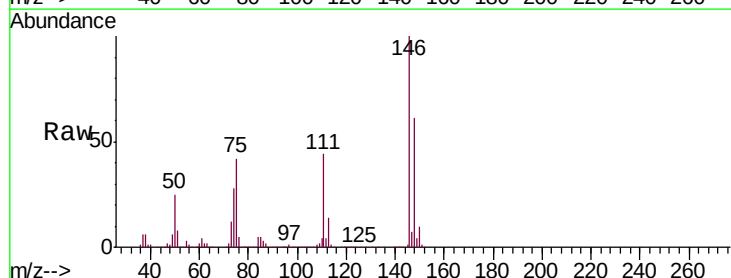
#75
 1,3-Dichlorobenzene
 Concen: 7.634 ppbv
 RT: 17.17 min Scan# 4426
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

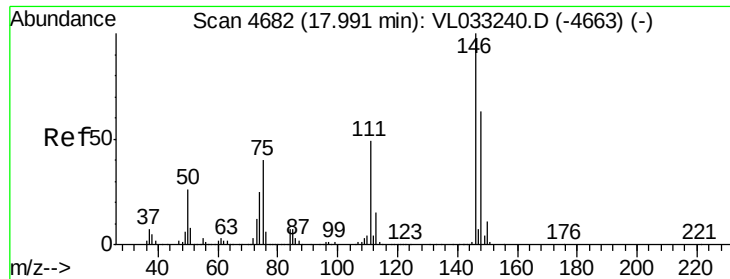
Tgt Ion:146 Resp: 1665499
 Ion Ratio Lower Upper
 146 100
 111 45.5 23.4 70.0
 148 62.9 32.1 96.3



#76
 1,4-Dichlorobenzene
 Concen: 7.707 ppbv
 RT: 17.31 min Scan# 4471
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

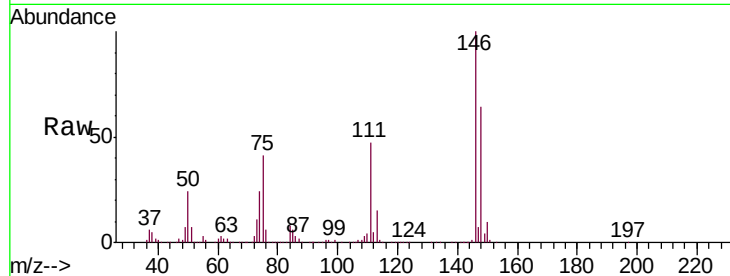
Tgt Ion:146 Resp: 1666325
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.4 67.3
 148 64.8 32.1 96.3



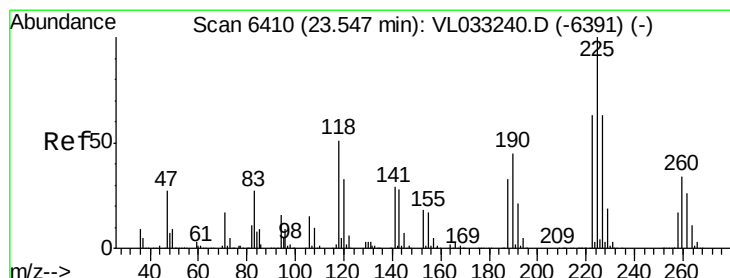
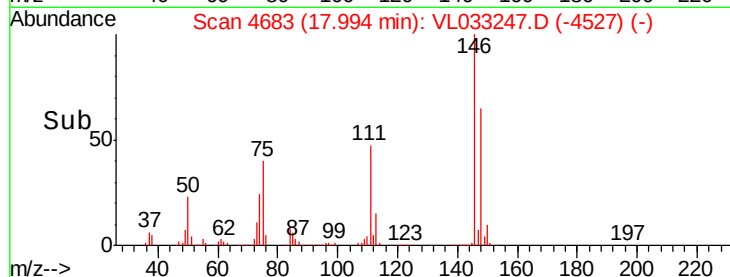
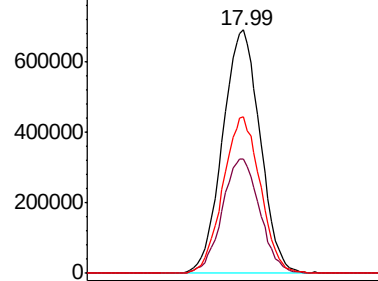


#77
 1,2-Dichlorobenzene
 Concen: 7.702 ppbv
 RT: 17.99 min Scan# 4683
 Delta R.T. 0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion:146 Resp: 1631340
 Ion Ratio Lower Upper
 146 100
 111 47.0 23.6 71.0
 148 64.2 32.3 96.9

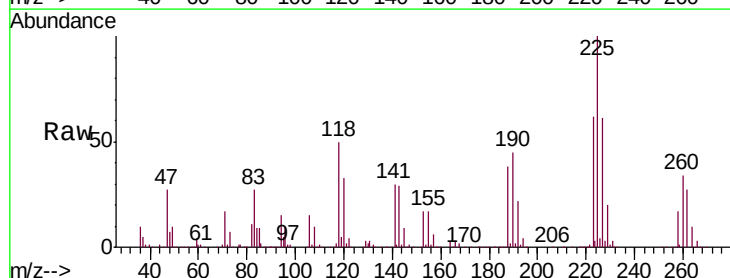


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

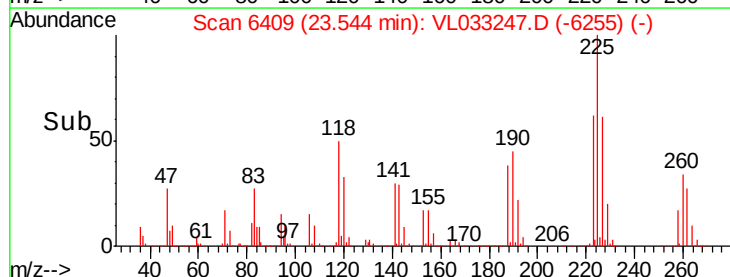
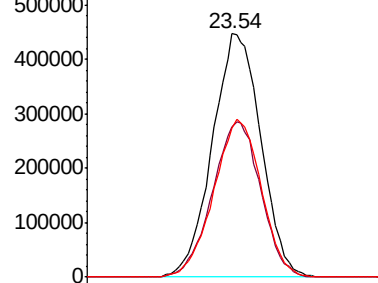


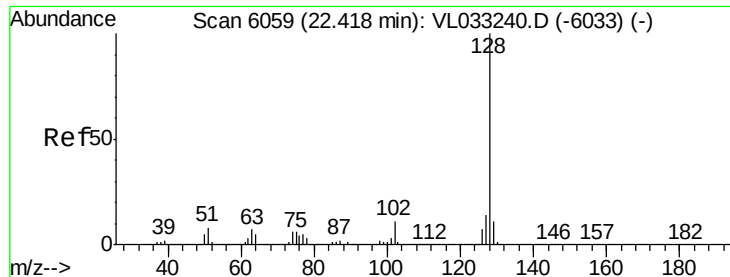
#78
 Hexachloro-1,3-Butadiene
 Concen: 7.356 ppbv
 RT: 23.54 min Scan# 6409
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion:225 Resp: 1102629
 Ion Ratio Lower Upper
 225 100
 223 63.5 50.9 76.3
 227 63.7 50.7 76.1



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: 9.677 ppbv

RT: 22.42 min Scan# 6059

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

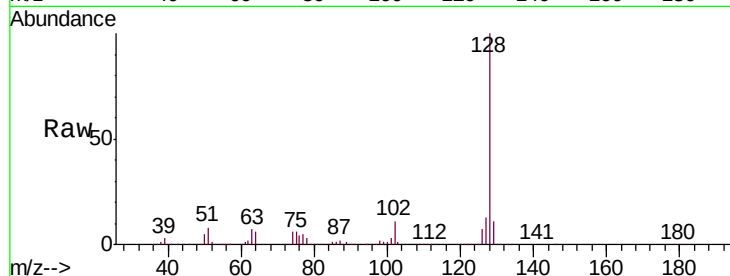
Tgt Ion:128 Resp: 4414132

Ion Ratio Lower Upper

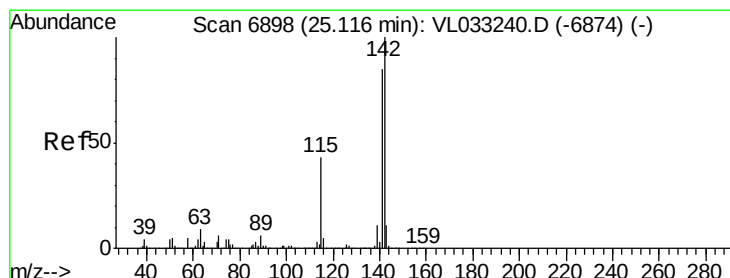
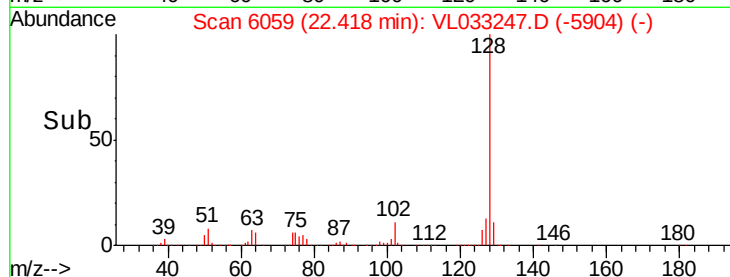
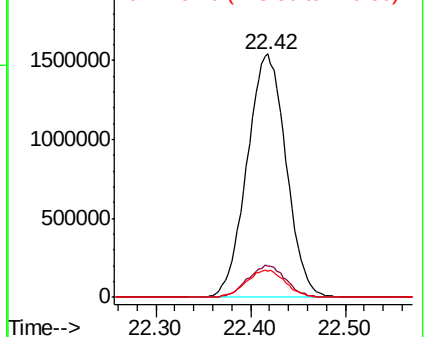
128 100

127 13.0 10.8 16.2

129 10.6 8.6 13.0



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: 14.192 ppbv

RT: 25.11 min Scan# 6897

Delta R.T. -0.00 min

Lab File: VL033247.D

Acq: 6 Mar 2019 7:09

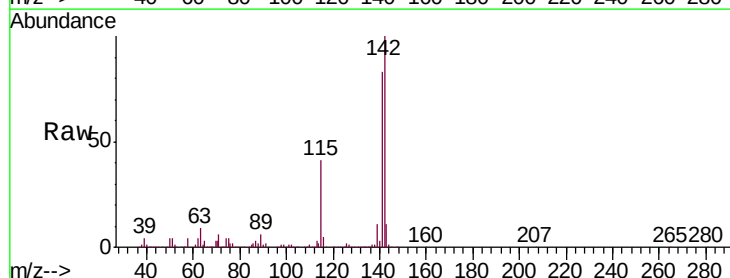
Tgt Ion:142 Resp: 1934075

Ion Ratio Lower Upper

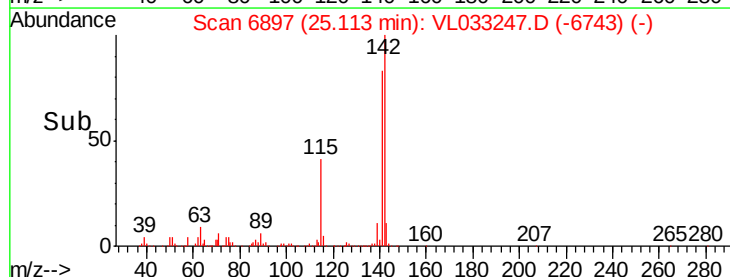
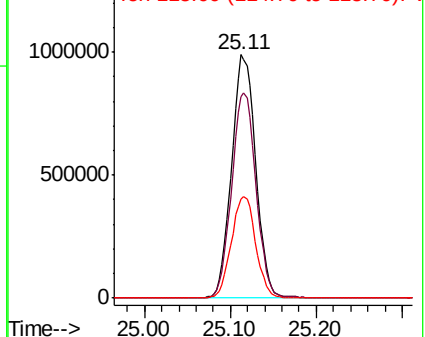
142 100

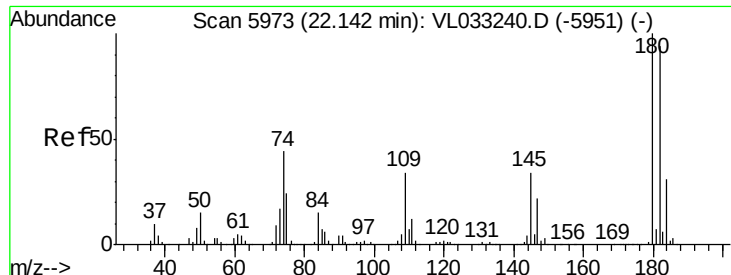
141 85.1 68.0 102.0

115 42.2 34.1 51.1



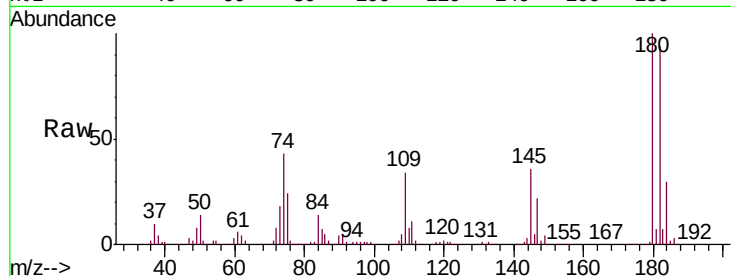
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 8.894 ppbv
 RT: 22.14 min Scan# 5973
 Delta R.T. -0.00 min
 Lab File: VL033247.D
 Acq: 6 Mar 2019 7:09

Tgt Ion:	180	Resp:	2038511
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.6	114.8
184	30.6	24.3	36.5



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

