

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030619\
 Data File : VL033248.D
 Acq On : 6 Mar 2019 8:30
 Operator : SY/AP
 Sample : VL0306ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 07 04:23:49 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	989131	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2226237	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2145079	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1709514	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	651	0.005	ppbv 94
3) Chlorodifluoromethane	3.08	51	408	0.004	ppbv 97
4) Chloromethane	3.17	50	512	0.009	ppbv # 44
5) Vinyl Chloride	3.27	62	74	0.001	ppbv # 42
6) Bromomethane	3.50	94	74	0.002	ppbv # 3
8) Dichlorotetrafluoroethane	3.05	85	651	0.005	ppbv # 17
9) Propene	3.04	41	1016	0.020	ppbv # 72
10) Heptane	8.26	43	30	0.000	ppbv # 28
11) Trichlorofluoromethane	3.89	101	2966	0.018	ppbv # 71
12) 1,1,2-Trichlorotrifluoroet	4.63	101	313	0.003	ppbv # 14
15) Acetone	3.93	43	16561m	0.130	ppbv
16) 1,3-Butadiene	3.36	39	104	0.002	ppbv # 6
17) tert-Butyl alcohol	4.41	59	57	0.003	ppbv # 1
18) 1,1-Dichloroethene	4.83	96	78	0.002	ppbv # 1
19) Isopropyl Alcohol	4.04	45	42	0.001	ppbv # 95
21) Allyl Chloride	4.48	41	58	0.001	ppbv # 5
22) trans-1,2-Dichloroethene	5.05	96	102	0.002	ppbv # 1
23) Vinyl Acetate	5.16	43	950	0.005	ppbv # 41
24) 1,1-Dichloroethane	5.17	63	69	0.001	ppbv # 89
25) Ethyl Acetate	5.77	43	86	0.000	ppbv # 76
26) Hexane	5.78	57	540	0.005	ppbv # 57
27) Carbon Disulfide	5.06	76	39	0.000	ppbv # 1
28) Methyl tert-Butyl Ether	4.70	73	124	0.001	ppbv # 54
29) Chloroform	5.85	83	52	0.000	ppbv # 18
30) Cyclohexane	7.27	84	873	0.011	ppbv # 1
32) 1,1,1-Trichloroethane	7.06	97	80	0.000	ppbv # 54
34) 2-Butanone	5.34	43	139	0.001	ppbv # 55
35) Carbon Tetrachloride	7.56	117	42	0.000	ppbv # 12
36) Benzene	7.00	78	210	0.001	ppbv # 55
38) Trichloroethene	8.09	130	31	0.000	ppbv # 1
40) 1,4-Dioxane	7.68	88	111	0.004	ppbv # 1
41) Tetrahydrofuran	6.18	42	76	0.001	ppbv # 38
42) Bromodichloromethane	7.92	83	124	0.001	ppbv # 55
43) Methyl Methacrylate	7.97	69	39	0.000	ppbv # 46
44) 2,2,4-Trimethylpentane	7.99	57	65	0.000	ppbv # 43
45) t-1,3-Dichloropropene	9.41	75	37	0.000	ppbv # 44
46) cis-1,3-Dichloropropene	8.82	75	74	0.001	ppbv # 1
47) 1,1,2-Trichloroethane	9.93	97	61	0.001	ppbv # 15
48) Dibromochloromethane	10.49	129	62	0.000	ppbv # 28
50) 4-Methyl-2-Pentanone	8.91	43	519	0.002	ppbv # 40
51) 2-Hexanone	10.34	43	87	0.001	ppbv # 78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Tetrachloroethene	11.12	164	110	0.001	ppbv #	33
53) Toluene	10.19	91	134	0.001	ppbv #	78
56) 1,1,1,2-Tetrachloroethane	12.26	131	90	0.001	ppbv #	1
57) Chlorobenzene	12.30	112	71	0.000	ppbv #	23
58) Ethyl Benzene	13.14	91	74	0.000	ppbv #	45
59) m/p-Xylene	13.14	91	74	0.000	ppbv #	69
60) o-Xylene	13.41	91	94	0.000	ppbv #	33
62) Isopropylbenzene	14.82	105	110	0.000	ppbv #	50
64) n-propylbenzene	16.16	120	39	0.000	ppbv	81
65) tert-Butylbenzene	16.92	119	79	0.000	ppbv #	17
66) Benzyl Chloride	17.16	91	92	0.001	ppbv #	1
67) sec-Butylbenzene	17.46	105	300	0.001	ppbv #	60
70) n-Butylbenzene	18.71	91	70	0.000	ppbv #	34
71) 2-Chlorotoluene	15.61	91	55	0.000	ppbv #	46
72) 4-Ethyltoluene	16.10	105	68	0.000	ppbv #	8
73) 1,3,5-Trimethylbenzene	16.16	105	152	0.001	ppbv	90
74) 1,2,4-Trimethylbenzene	16.92	105	292	0.001	ppbv #	52
75) 1,3-Dichlorobenzene	17.16	146	152	0.001	ppbv #	23
76) 1,4-Dichlorobenzene	17.31	146	117	0.001	ppbv #	23
77) 1,2-Dichlorobenzene	17.99	146	39	0.000	ppbv #	23
78) Hexachloro-1,3-Butadiene	23.55	225	62	0.001	ppbv #	1
79) Naphthalene	22.42	128	277	0.001	ppbv #	69
80) Naphthalene,2-methyl-	25.14	142	743	0.008	ppbv #	71
81) 1,2,4-Trichlorobenzene	22.14	180	73	0.000	ppbv #	12

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

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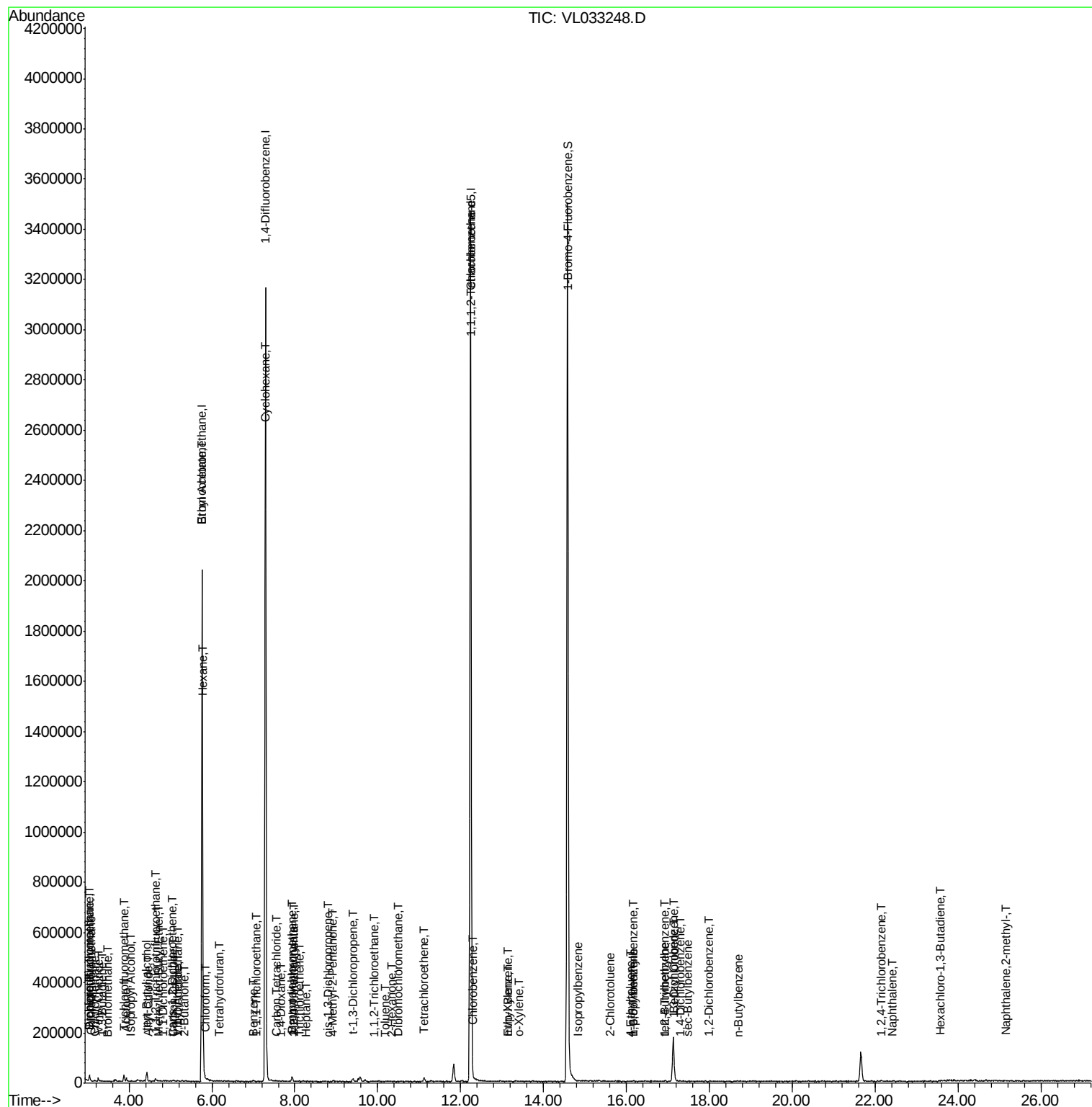
Quant Time: Mar 07 04:23:49 2019

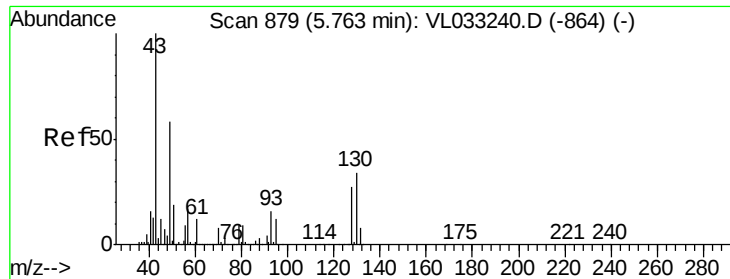
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030619AIR.M

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QLast Update : Wed Mar 06 08:43:44 2019

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

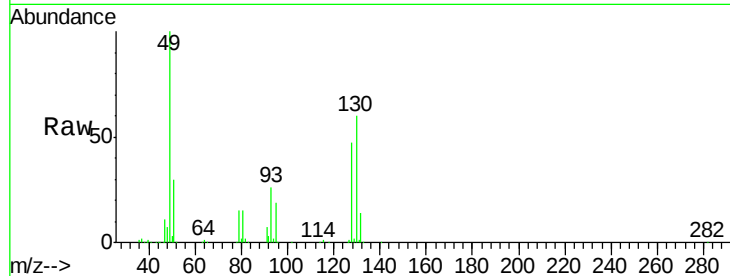
Tot Ion: 49 Resp: 989131

Ion	Ratio	Lower	Upper
49	100		
128	46.5	22.9	68.8
130	59.4	29.3	88.0

49 100

128 46.5 22.9 68.8

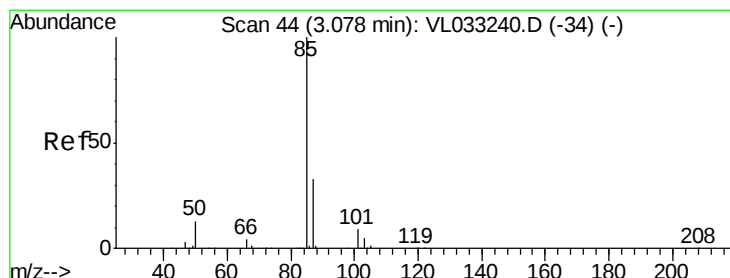
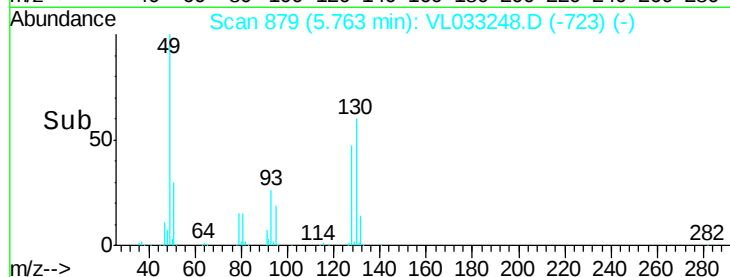
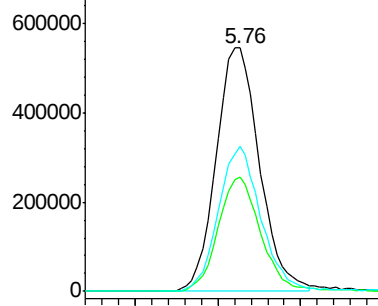
130 59.4 29.3 88.0



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: 0.005 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.03 min

Lab File: VL033248.D

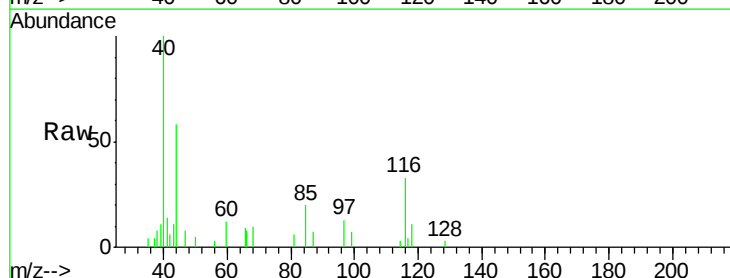
Acq: 6 Mar 2019 8:30

Tgt Ion: 85 Resp: 651

Ion	Ratio	Lower	Upper
85	100		
87	36.7	26.7	40.1

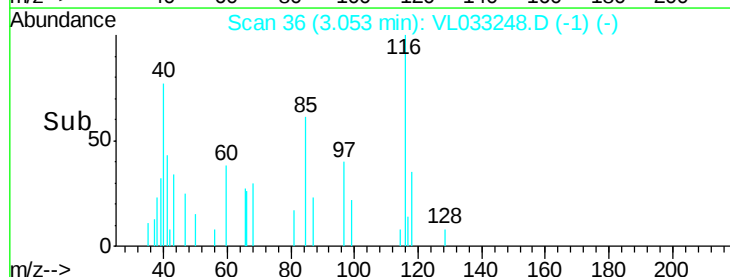
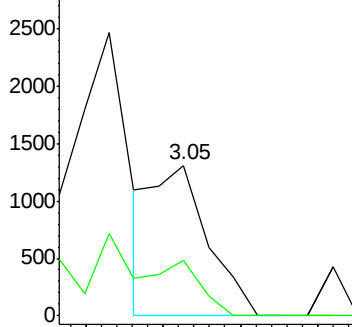
85 100

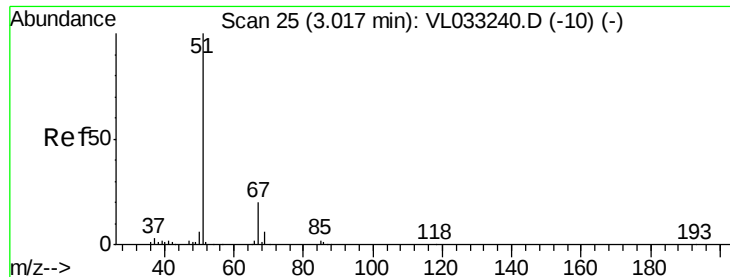
87 36.7 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.004 ppbv

RT: 3.08 min Scan# 44

Delta R.T. 0.06 min

Lab File: VL033248.D

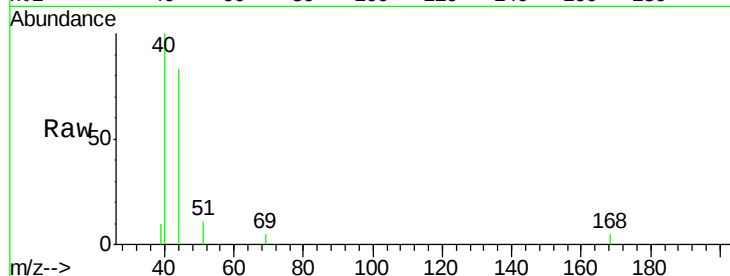
Acq: 6 Mar 2019 8:30

Tot Ion: 51 Resp: 408

Ion Ratio Lower Upper

51 100

67 19.9 15.0 22.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

800

600

400

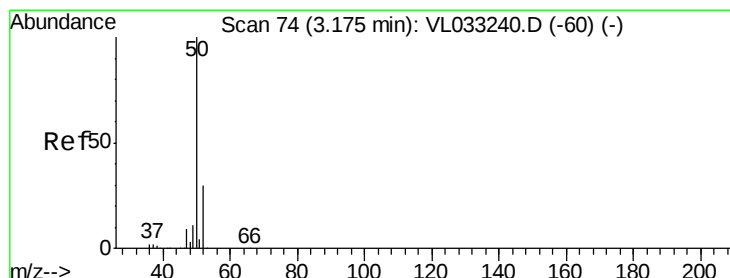
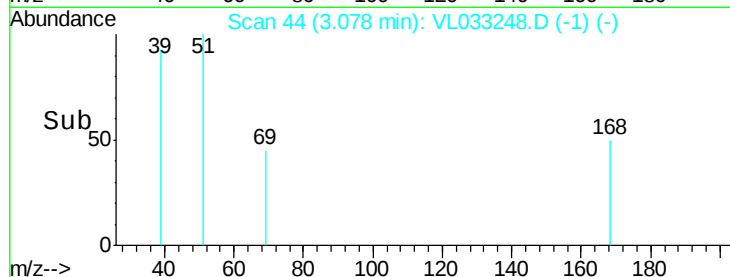
200

0

3.05

3.10

Time-->



#4

Chloromethane

Concen: 0.009 ppbv

RT: 3.17 min Scan# 74

Delta R.T. 0.00 min

Lab File: VL033248.D

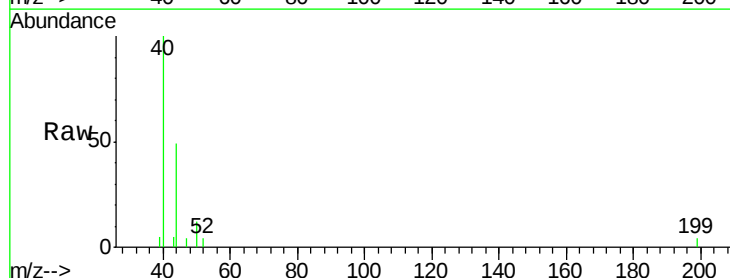
Acq: 6 Mar 2019 8:30

Tgt Ion: 50 Resp: 512

Ion Ratio Lower Upper

50 100

52 0.0 24.3 36.5#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

600

500

400

300

200

100

0

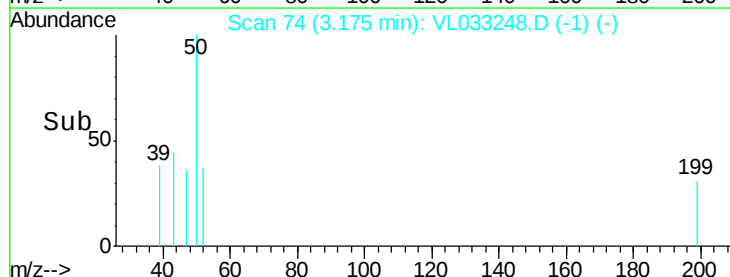
3.16

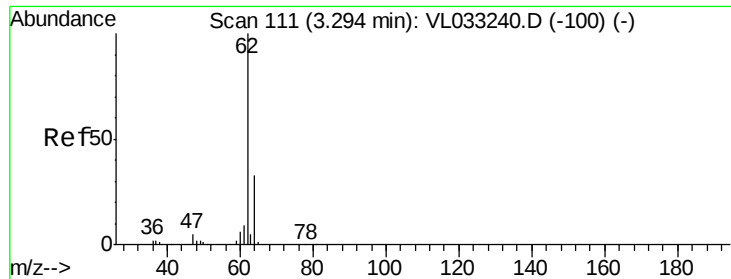
3.17

3.18

3.19

Time-->





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.27 min Scan# 104

Delta R.T. -0.02 min

Lab File: VL033248.D

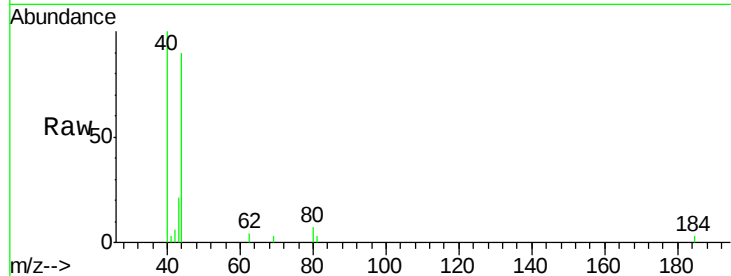
Acq: 6 Mar 2019 8:30

Tot Ion: 62 Resp: 74

Ion Ratio Lower Upper

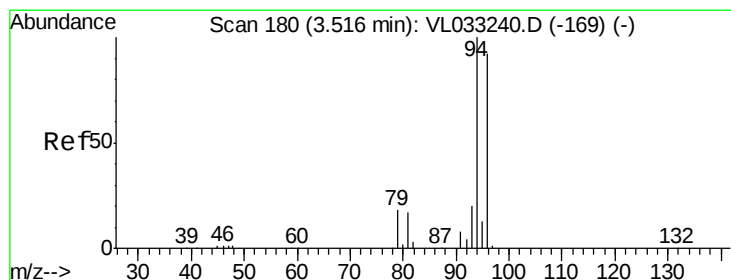
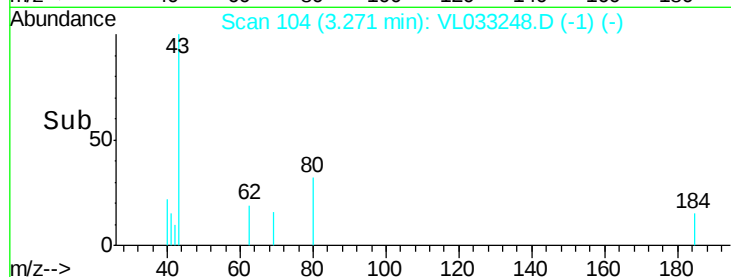
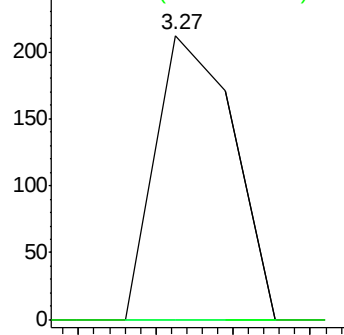
62 100

64 0.0 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: 0.002 ppbv

RT: 3.50 min Scan# 176

Delta R.T. -0.01 min

Lab File: VL033248.D

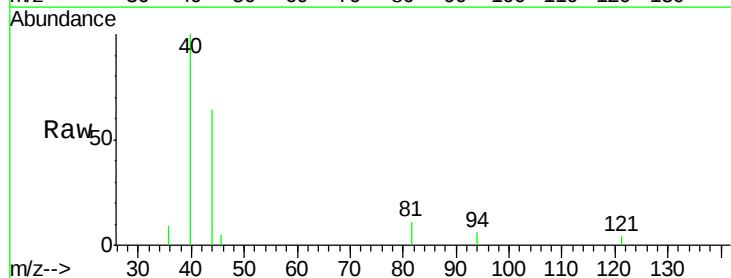
Acq: 6 Mar 2019 8:30

Tgt Ion: 94 Resp: 74

Ion Ratio Lower Upper

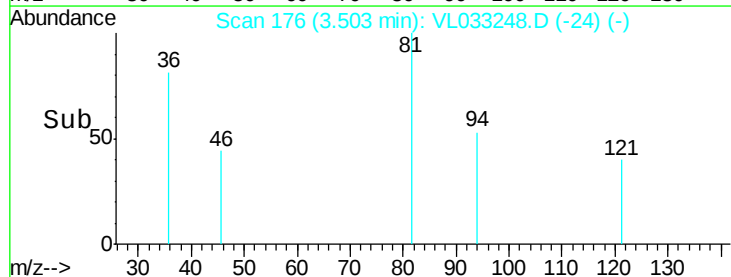
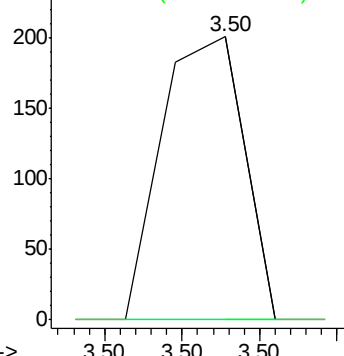
94 100

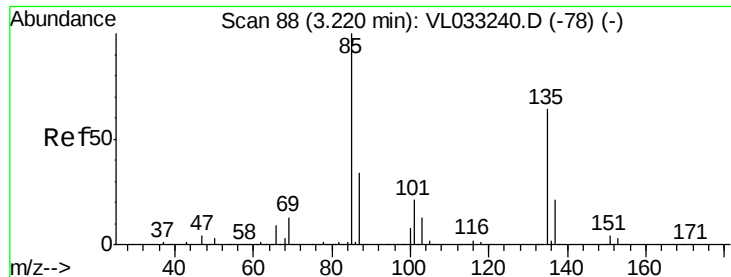
96 0.0 74.0 111.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#8

Dichlorotetrafluoroethane

Concen: 0.005 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.17 min

Lab File: VL033248.D

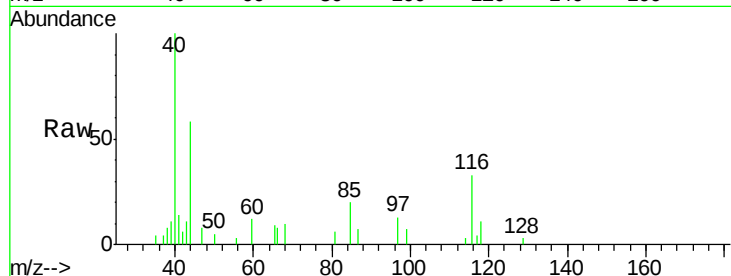
Acq: 6 Mar 2019 8:30

Tot Ion: 85 Resp: 651

Ion Ratio Lower Upper

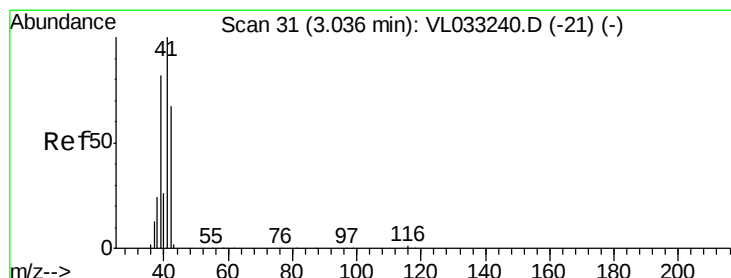
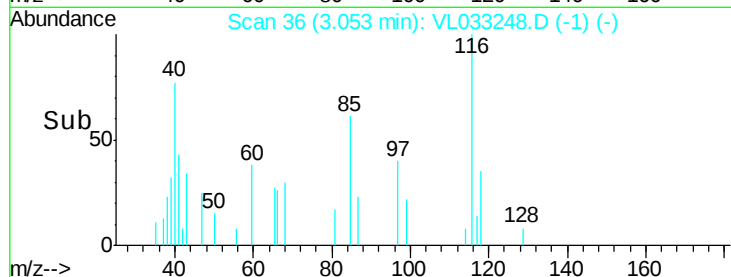
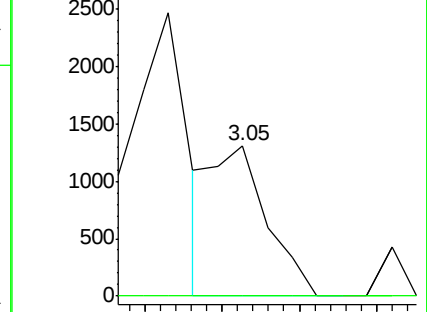
85 100

135 0.0 52.6 79.0#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): VL0



#9

Propene

Concen: 0.020 ppbv

RT: 3.04 min Scan# 32

Delta R.T. 0.00 min

Lab File: VL033248.D

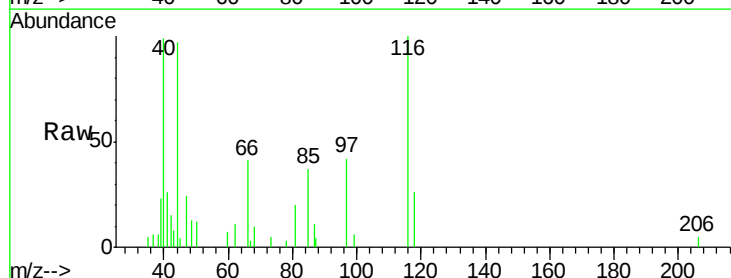
Acq: 6 Mar 2019 8:30

Tgt Ion: 41 Resp: 1016

Ion Ratio Lower Upper

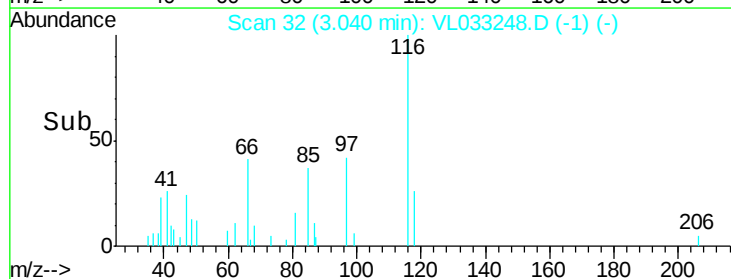
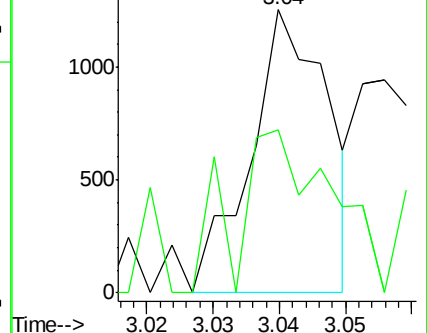
41 100

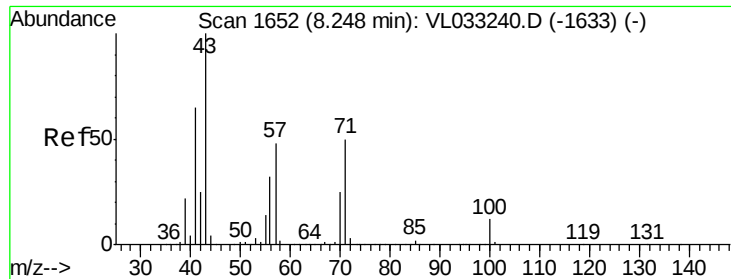
42 91.8 55.3 82.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.000 ppbv

RT: 8.26 min Scan# 1656

Delta R.T. 0.01 min

Lab File: VL033248.D

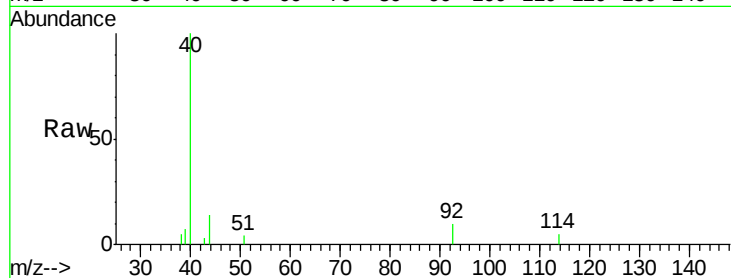
Acq: 6 Mar 2019 8:30

Tot Ion: 43 Resp: 30

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

200

150

100

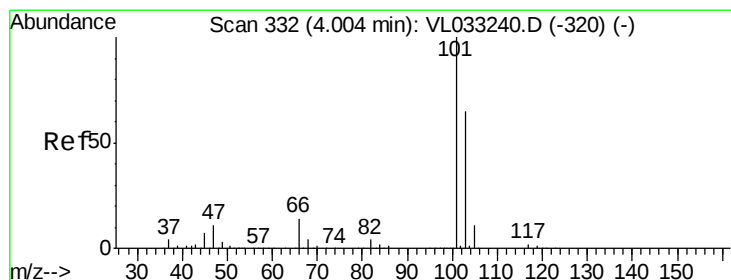
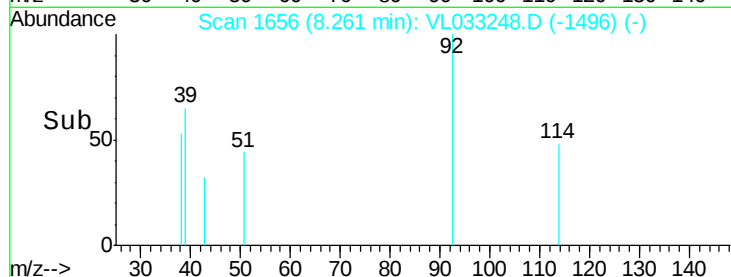
50

0

8.26

8.27

Time-->



#11

Trichlorofluoromethane

Concen: 0.018 ppbv

RT: 3.89 min Scan# 296

Delta R.T. -0.12 min

Lab File: VL033248.D

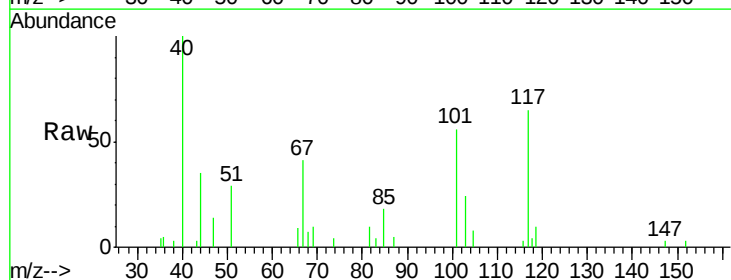
Acq: 6 Mar 2019 8:30

Tgt Ion: 101 Resp: 2966

Ion Ratio Lower Upper

101 100

103 41.8 51.7 77.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

3000

2000

1000

0

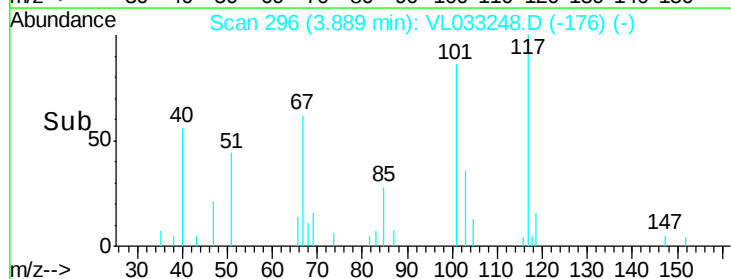
3.86

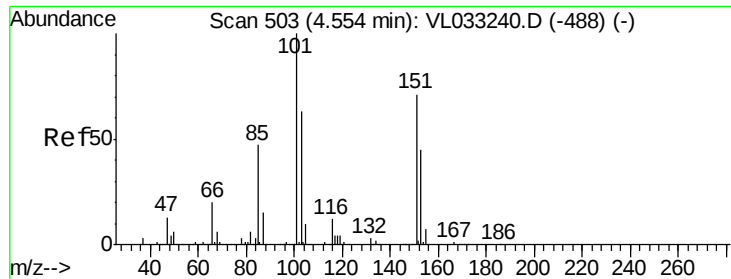
3.88

3.90

3.92

Time-->





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.003 ppbv

RT: 4.63 min Scan# 527

Delta R.T. 0.08 min

Lab File: VL033248.D

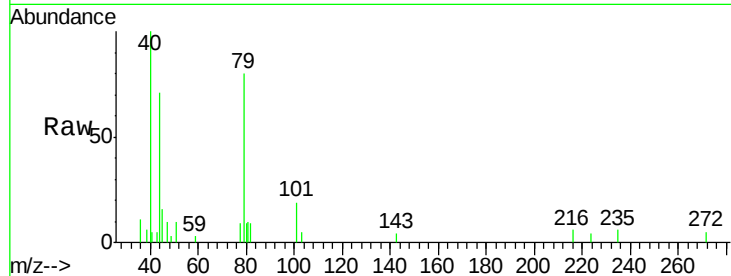
Acq: 6 Mar 2019 8:30

Tot Ion: 101 Resp: 313

Ion Ratio Lower Upper

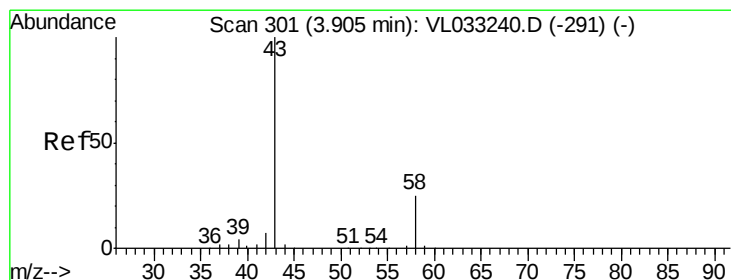
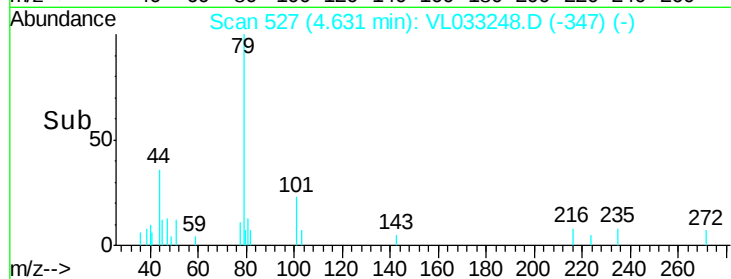
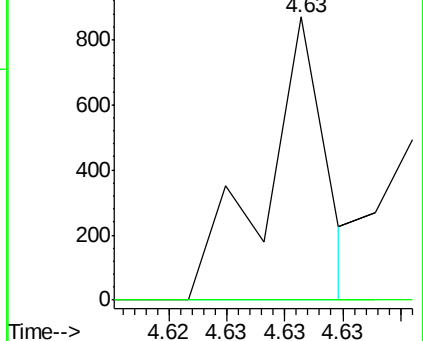
101 100

151 0.0 57.0 85.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#15

Acetone

Concen: 0.130 ppbv m

RT: 3.93 min Scan# 310

Delta R.T. 0.03 min

Lab File: VL033248.D

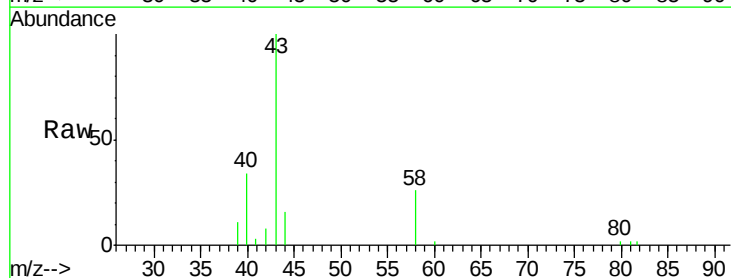
Acq: 6 Mar 2019 8:30

Tgt Ion: 43 Resp: 16561

Ion Ratio Lower Upper

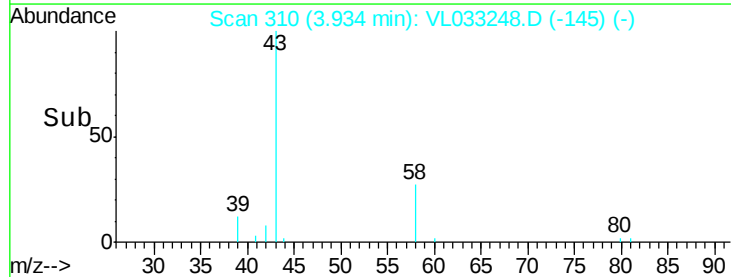
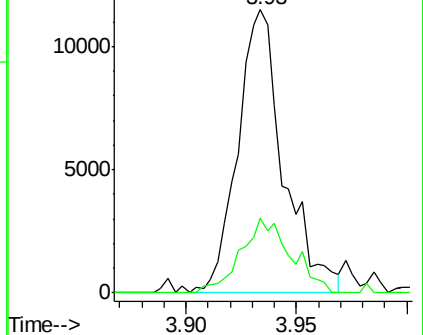
43 100

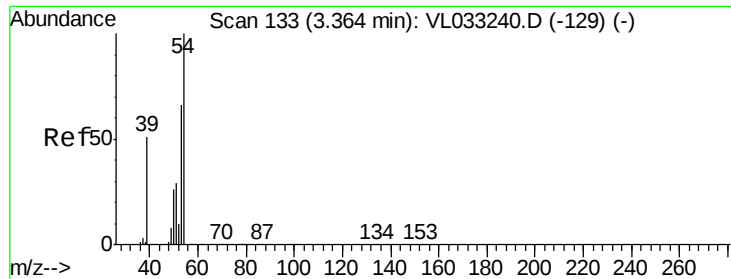
58 29.3 20.2 30.4



Abundance Ion 43.10 (42.80 to 43.80): VL0

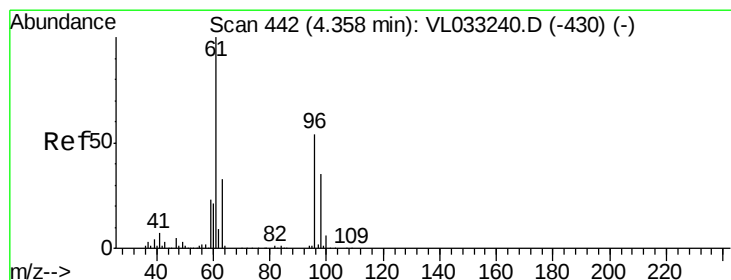
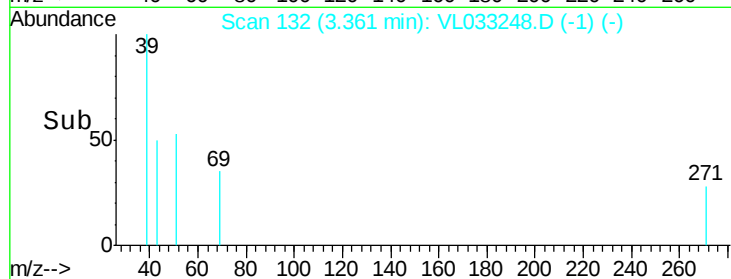
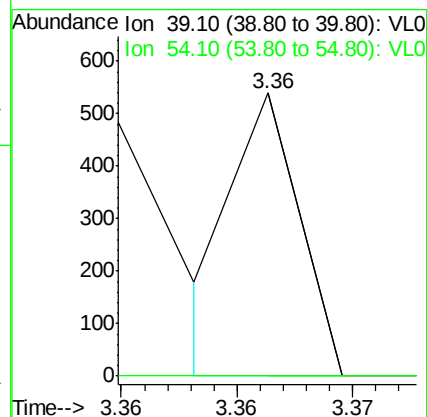
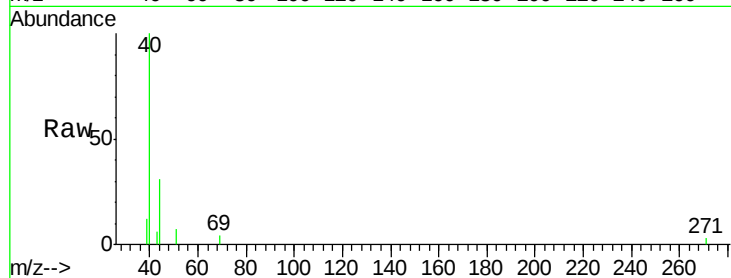
Ion 58.10 (57.80 to 58.80): VL0





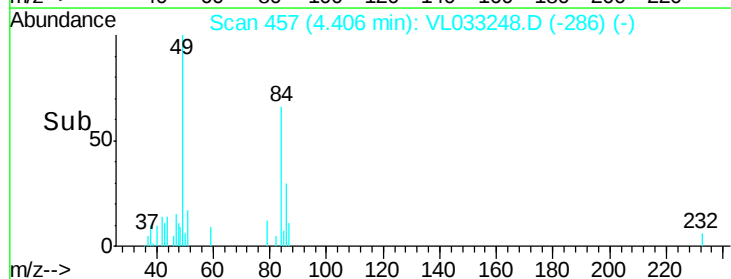
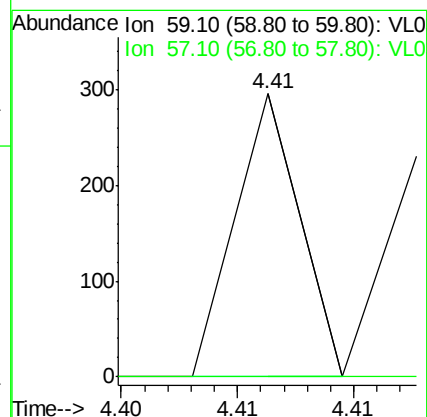
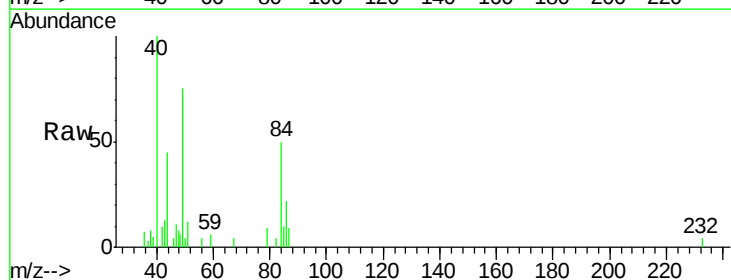
#16
1,3-Butadiene
Concen: 0.002 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

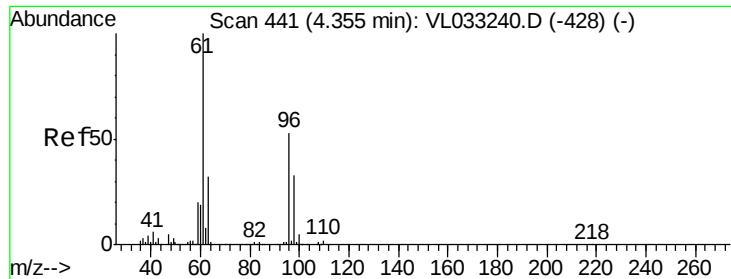
Tot Ion: 39 Resp: 104
Ion Ratio Lower Upper
39 100
54 0.0 69.6 104.4#



#17
tert-Butyl alcohol
Concen: 0.003 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.05 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

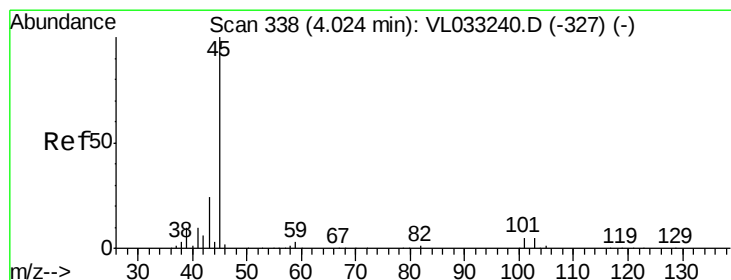
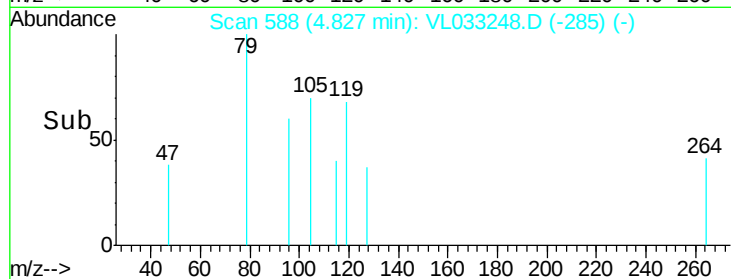
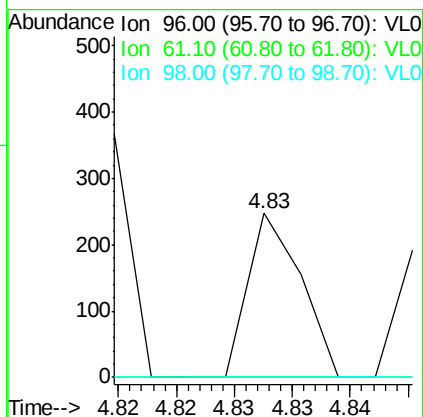
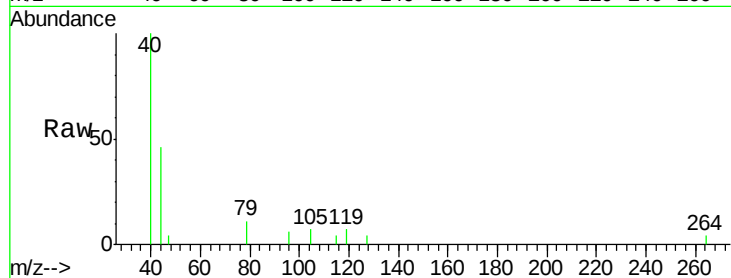
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 152.6 7.5 11.3#





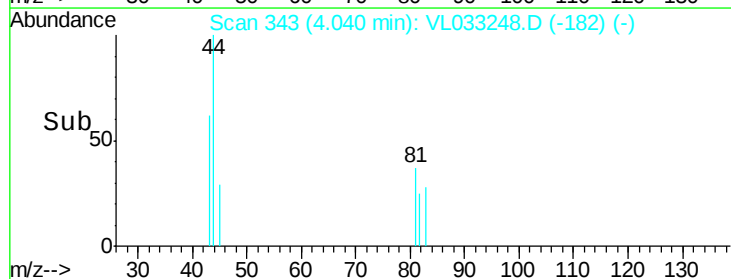
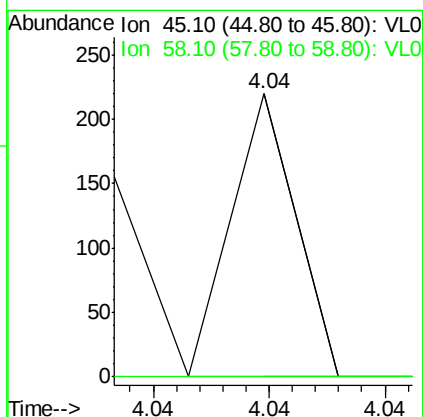
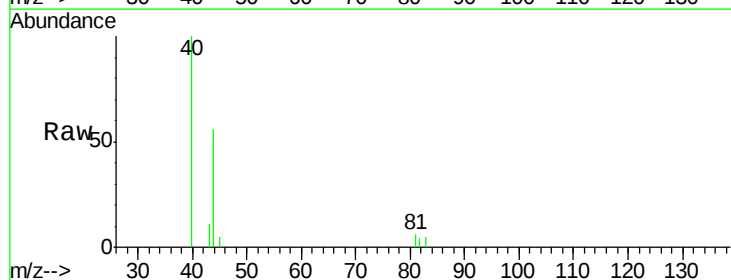
#18
 1,1-Dichloroethene
 Concen: 0.002 ppbv
 RT: 4.83 min Scan# 588
 Delta R.T. 0.47 min
 Lab File: VL033248.D
 Acq: 6 Mar 2019 8:30

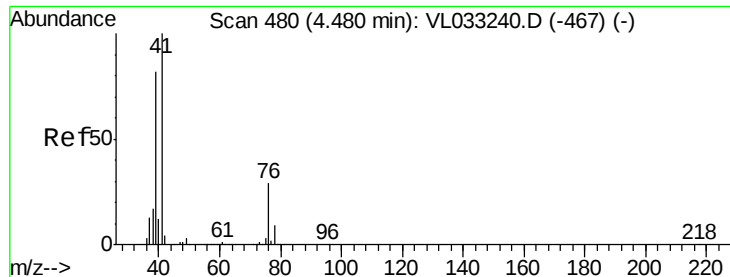
Tot Ion: 96 Resp: 78
 Ion Ratio Lower Upper
 96 100
 61 0.0 150.2 225.2#
 98 0.0 49.2 73.8#



#19
 Isopropyl Alcohol
 Concen: 0.001 ppbv
 RT: 4.04 min Scan# 343
 Delta R.T. 0.02 min
 Lab File: VL033248.D
 Acq: 6 Mar 2019 8:30

Tgt Ion: 45 Resp: 42
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.4 2.0#





#21

Allvl Chloride

Concen: 0.001 ppbv

RT: 4.48 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

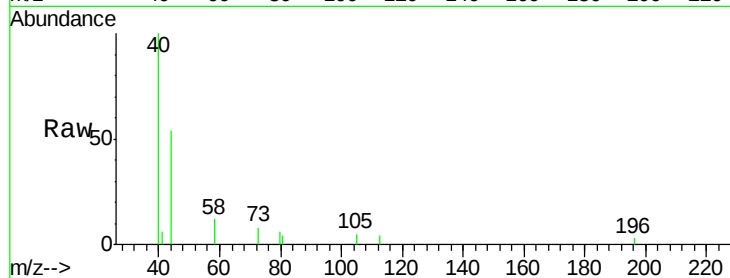
Tot Ion: 41 Resp: 58

Ion Ratio Lower Upper

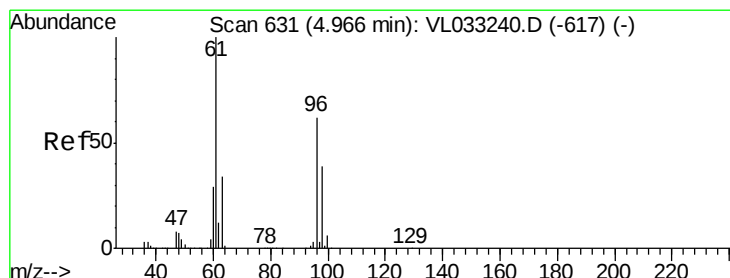
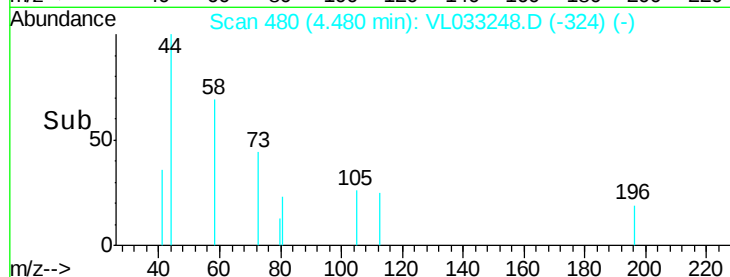
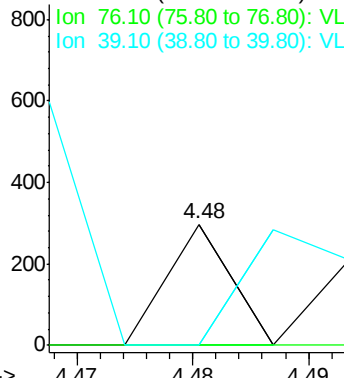
41 100

76 0.0 24.6 36.8#

39 179.3 65.2 97.8#



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: 0.002 ppbv

RT: 5.05 min Scan# 656

Delta R.T. 0.08 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

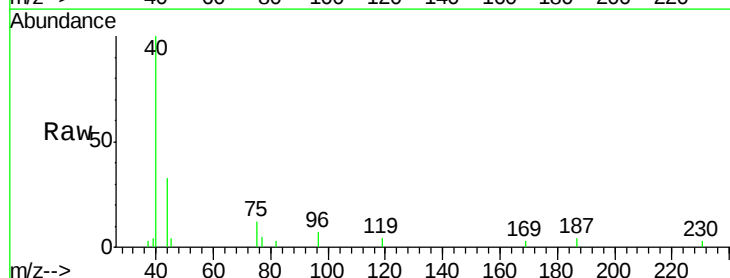
Tgt Ion: 96 Resp: 102

Ion Ratio Lower Upper

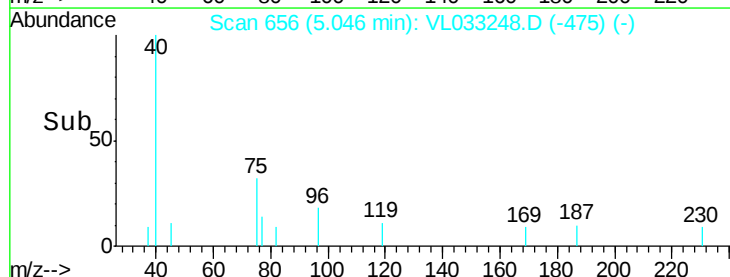
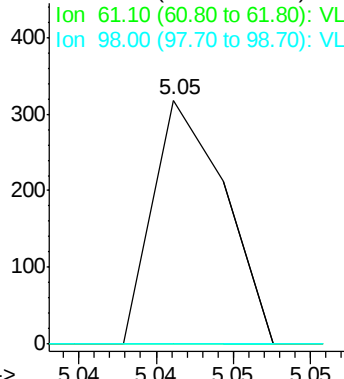
96 100

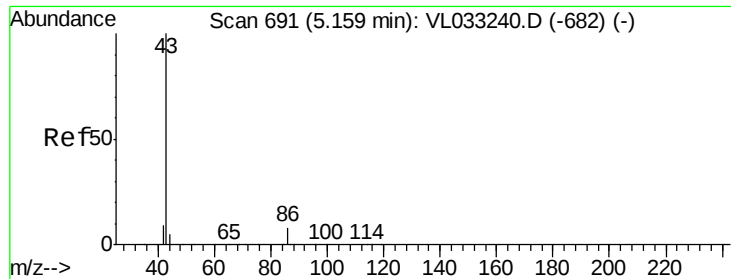
61 0.0 128.3 192.5#

98 0.0 50.6 75.8#



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





#23

Vinyl Acetate

Concen: 0.005 ppbv

RT: 5.16 min Scan# 691

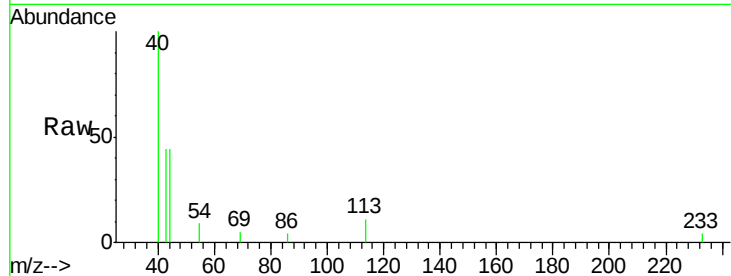
Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tot Ion: 43 Resp: 950

Ion	Ratio	Lower	Upper
43	100		
86	11.6	5.5	8.3#
42	0.0	7.7	11.5#
44	65.9	4.1	6.1#

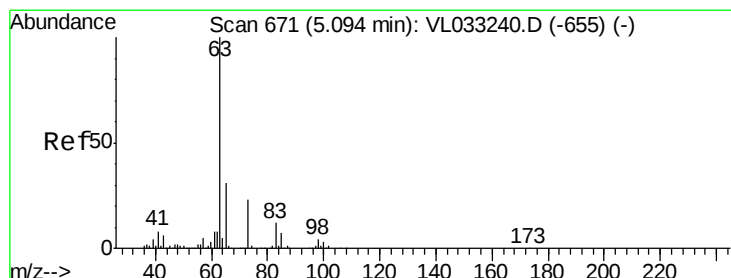
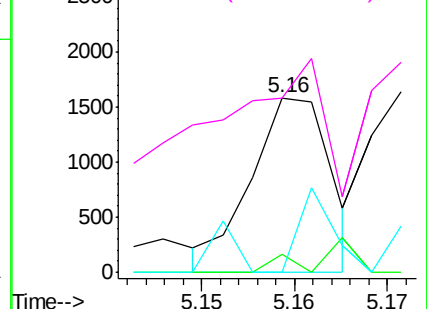
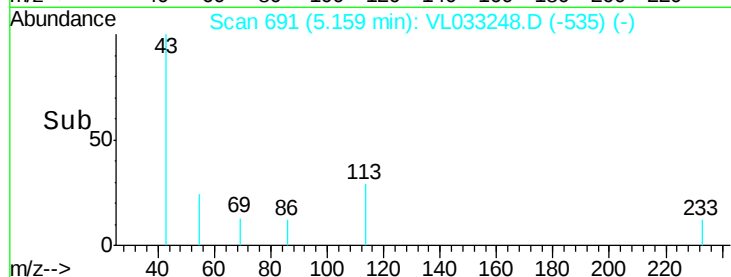


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.001 ppbv

RT: 5.17 min Scan# 693

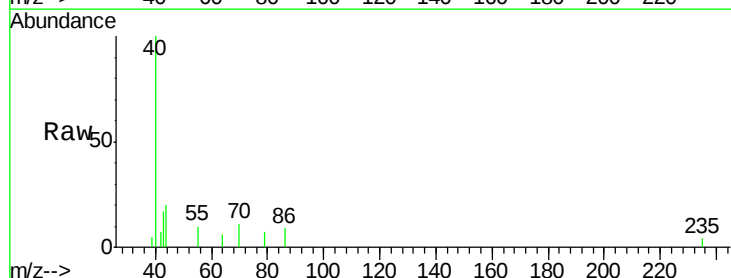
Delta R.T. 0.07 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tgt Ion: 63 Resp: 69

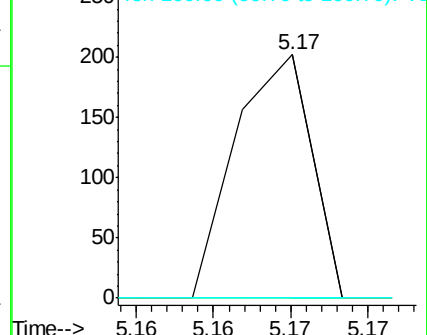
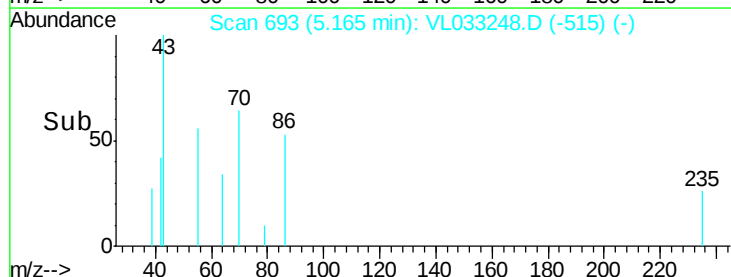
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.1	6.3#
100	0.0	1.3	3.8#

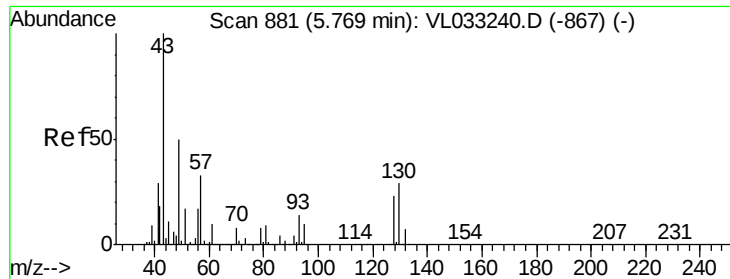


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

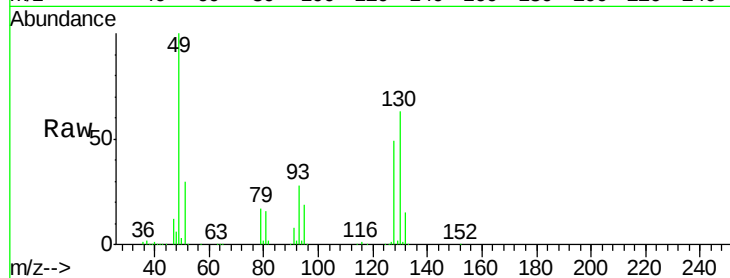
Ion 100.00 (99.70 to 100.70): VL0



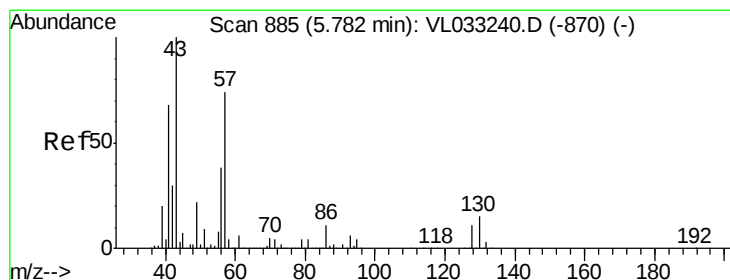
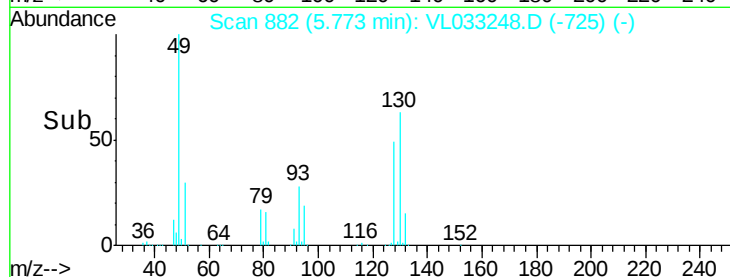
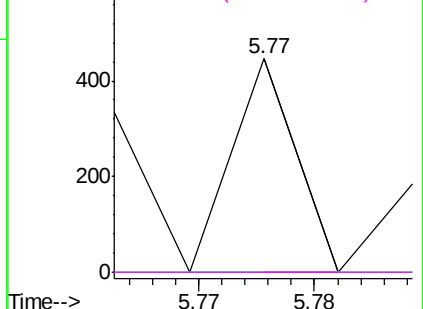


#25
Ethyl Acetate
Concen: 0.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. 0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tot Ion:	43	Resp:	86
Ion	Ratio	Lower	Upper
43	100		
45	0.0	7.8	11.6#
61	0.0	7.0	10.6#
70	0.0	5.5	8.3#

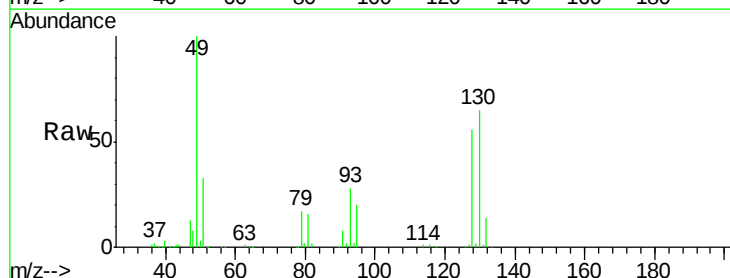


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

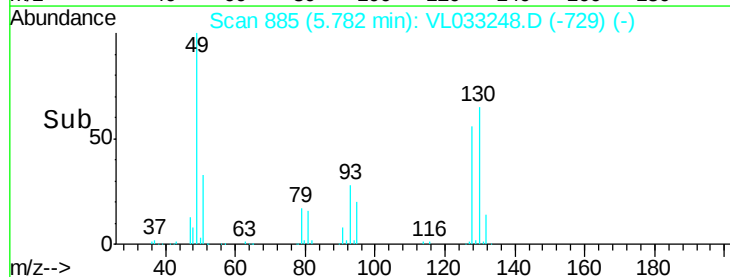
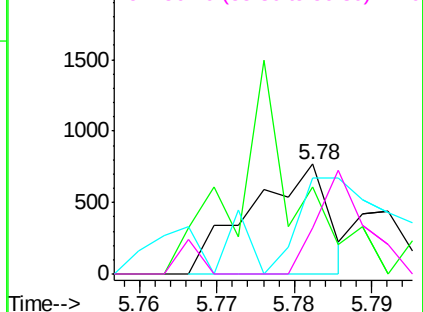


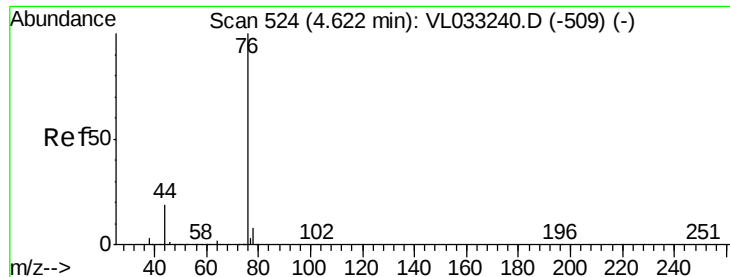
#26
Hexane
Concen: 0.005 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion:	57	Resp:	540
Ion	Ratio	Lower	Upper
57	100		
41	172.0	73.4	110.2#
43	174.1	182.1	273.1#
56	65.6	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





#27

Carbon Disulfide

Concen: 0.000 ppbv

RT: 5.06 min Scan# 660

Delta R.T. 0.44 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

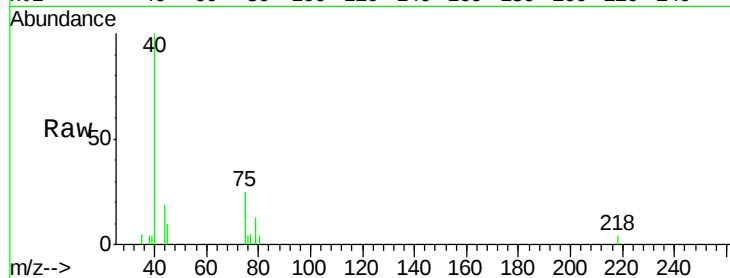
Tot Ion: 76 Resp: 39

Ion Ratio Lower Upper

76 100

44 4923.1 15.0 22.6#

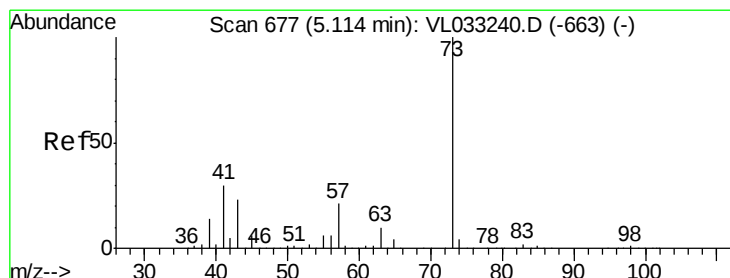
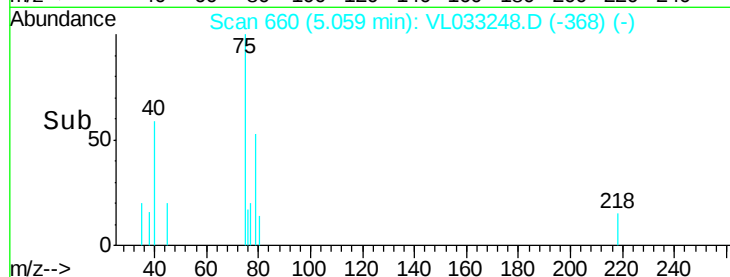
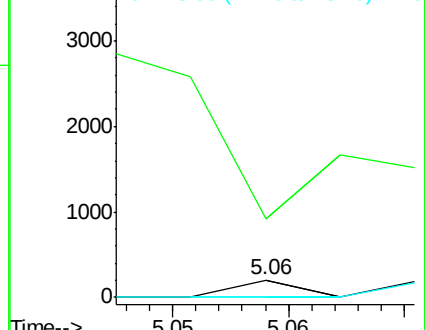
78 194.9 7.3 10.9#



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: 0.001 ppbv

RT: 4.70 min Scan# 547

Delta R.T. -0.42 min

Lab File: VL033248.D

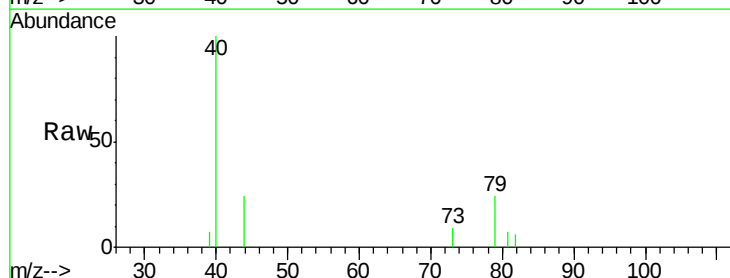
Acq: 6 Mar 2019 8:30

Tgt Ion: 73 Resp: 124

Ion Ratio Lower Upper

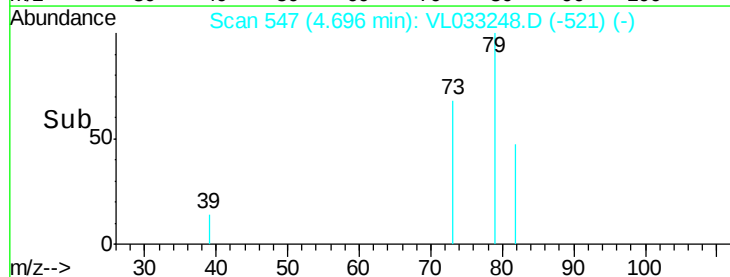
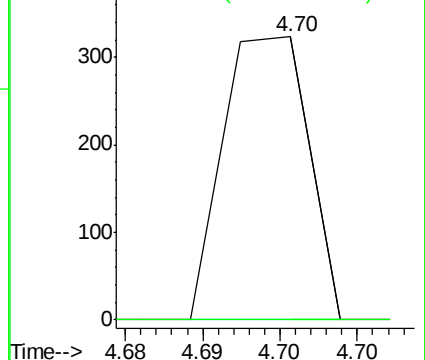
73 100

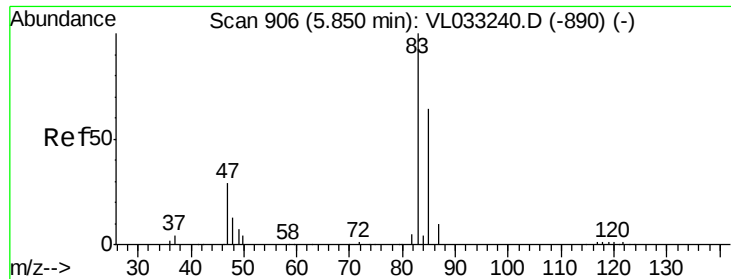
57 0.0 17.6 26.4#



Abundance Ion 73.10 (72.80 to 73.80): VL0

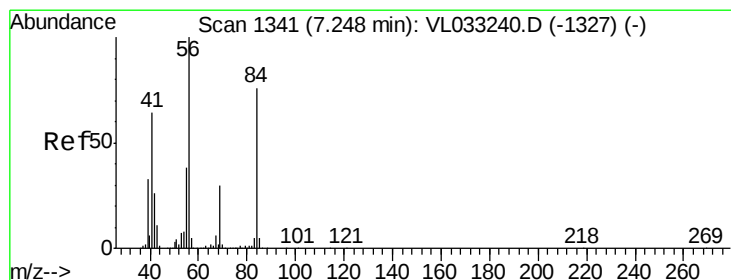
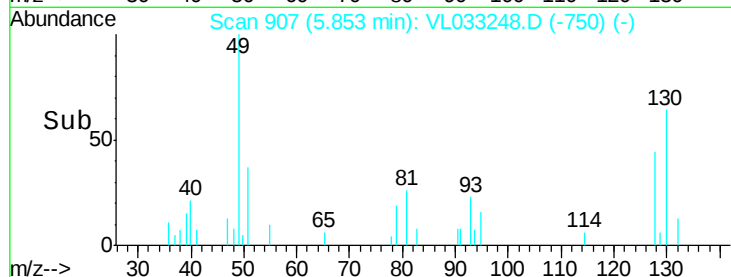
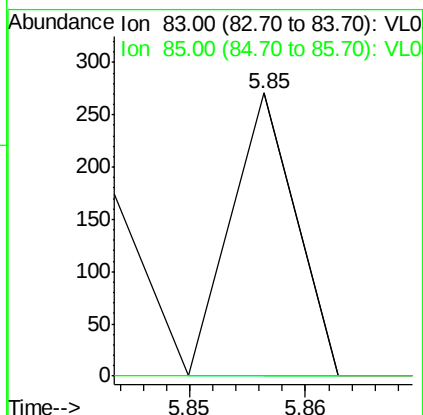
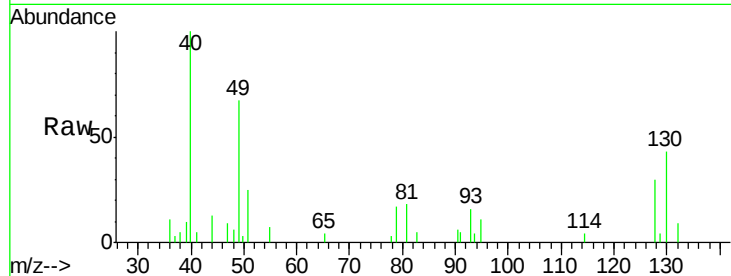
Ion 57.10 (56.80 to 57.80): VL0





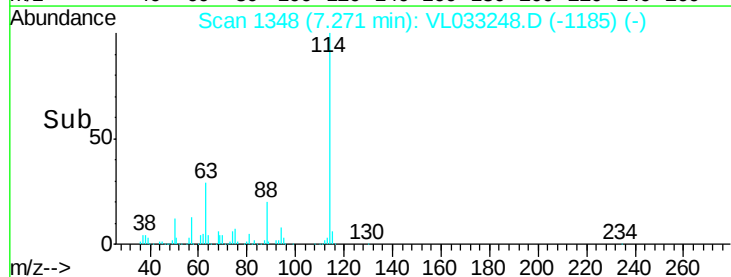
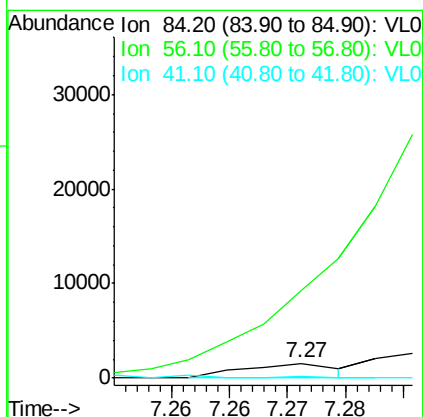
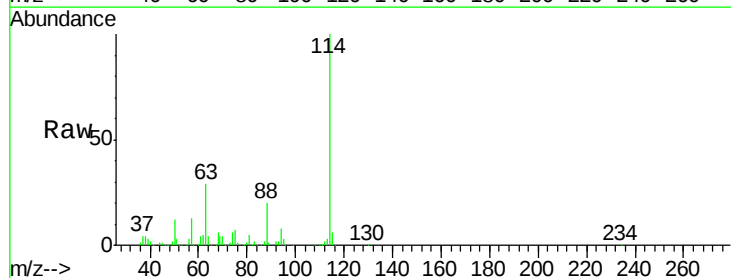
#29
Chloroform
Concen: 0.000 ppbv
RT: 5.85 min Scan# 907
Delta R.T. 0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

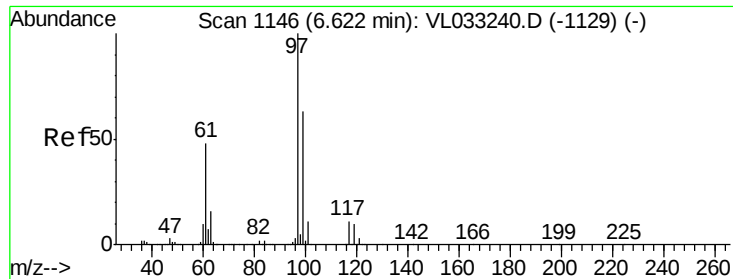
Tot Ion: 83 Resp: 52
Ion Ratio Lower Upper
83 100
85 0.0 51.2 76.8#



#30
Cyclohexane
Concen: 0.011 ppbv
RT: 7.27 min Scan# 1348
Delta R.T. 0.02 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion: 84 Resp: 873
Ion Ratio Lower Upper
84 100
56 0.0 113.1 169.7#
41 7.3 70.8 106.2#





#32

1,1,1-Trichloroethane

Concen: 0.000 ppbv

RT: 7.06 min Scan# 1282

Delta R.T. 0.44 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

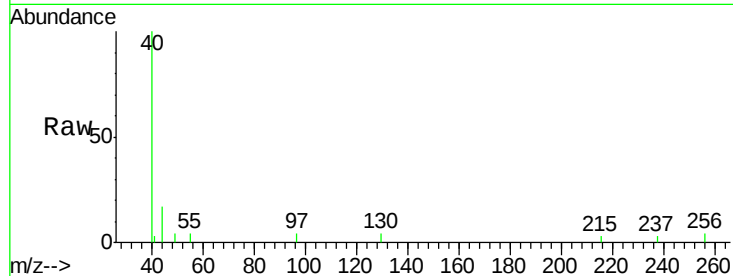
Tot Ion: 97 Resp: 80

Ion Ratio Lower Upper

97 100

99 45.0 51.4 77.0#

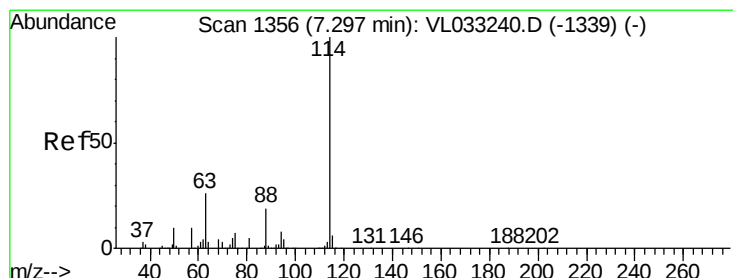
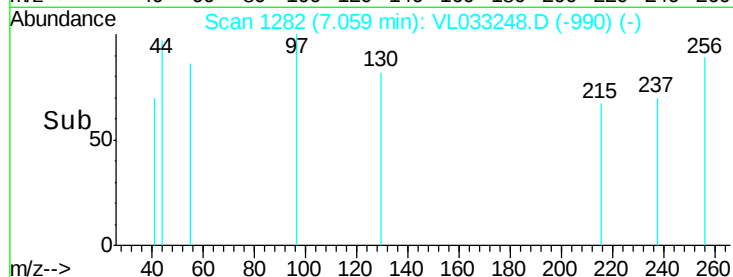
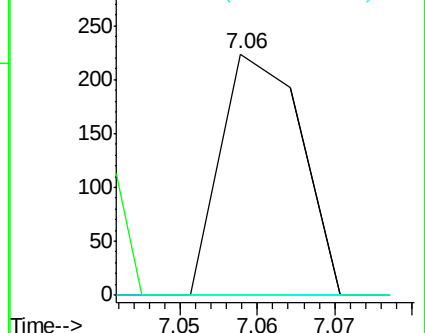
61 0.0 40.1 60.1#



Abundance Ion 97.00 (96.70 to 97.70): VL0

Ion 99.00 (98.70 to 99.70): VL0

Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

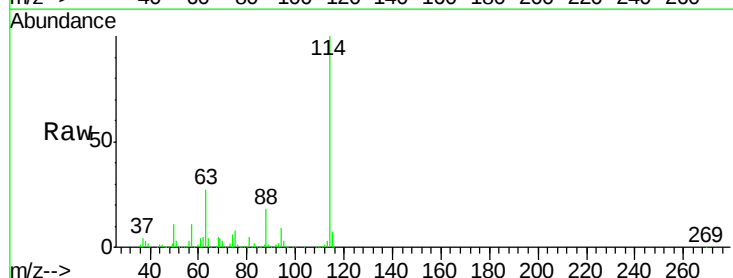
Tgt Ion: 114 Resp: 2226237

Ion Ratio Lower Upper

114 100

63 26.9 22.0 33.0

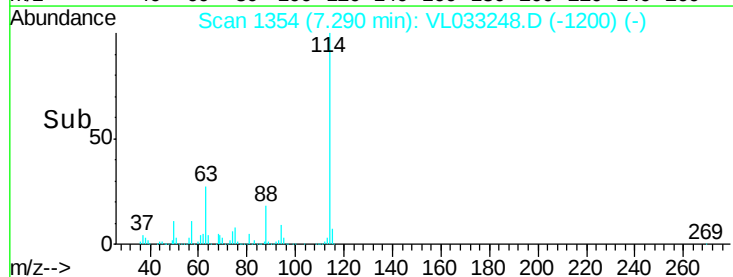
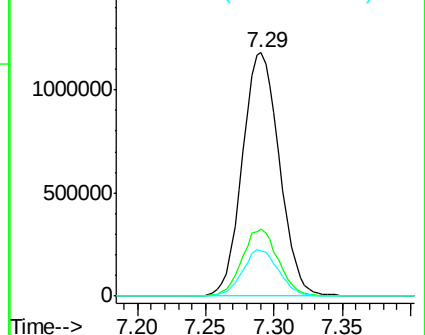
88 18.5 15.0 22.4

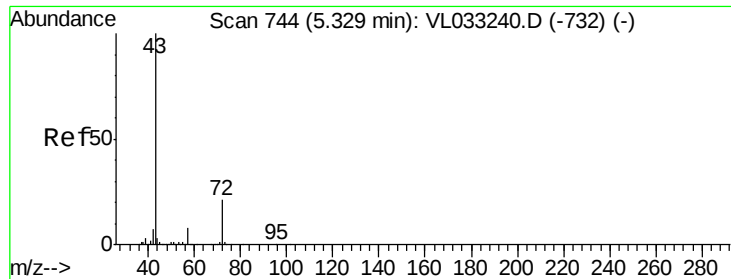


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#34

2-Butanone

Concen: 0.001 ppbv

RT: 5.34 min Scan# 747

Delta R.T. 0.01 min

Lab File: VL033248.D

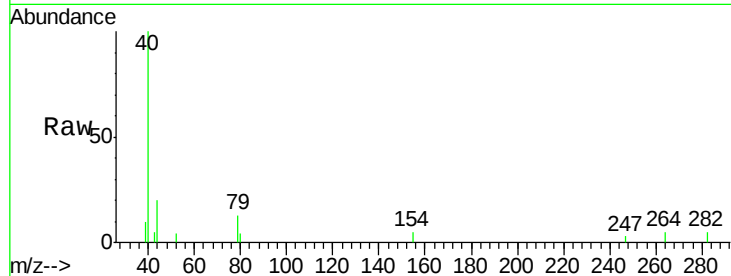
Acq: 6 Mar 2019 8:30

Tot Ion: 43 Resp: 139

Ion Ratio Lower Upper

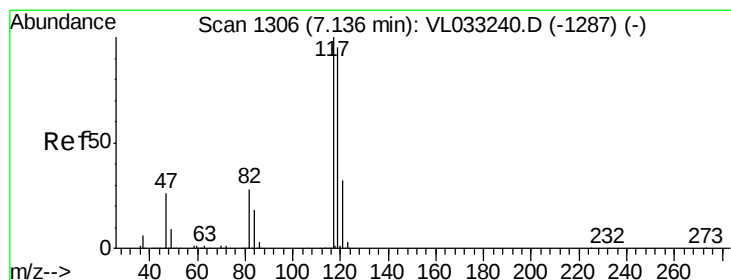
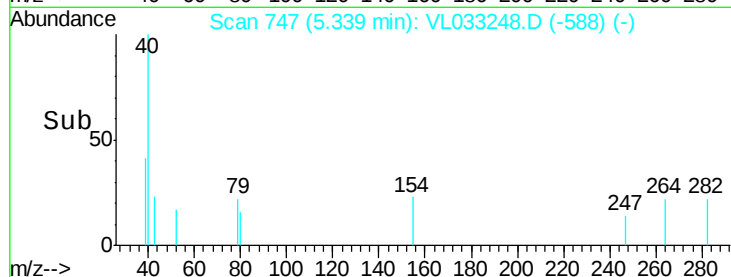
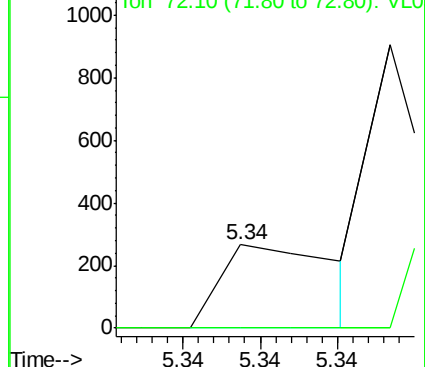
43 100

72 0.0 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: 0.000 ppbv

RT: 7.56 min Scan# 1437

Delta R.T. 0.42 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

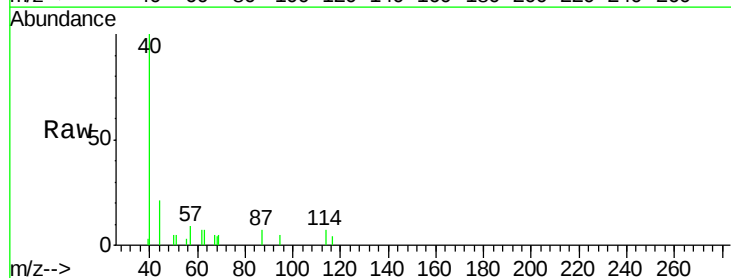
Tgt Ion: 117 Resp: 42

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

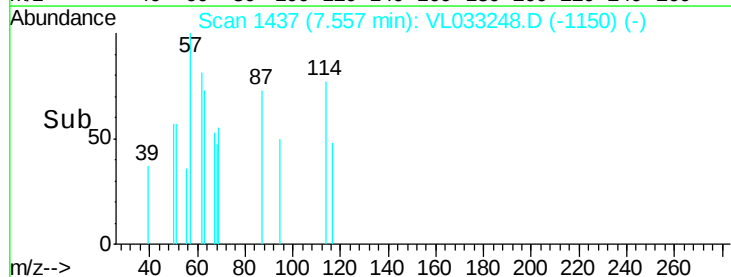
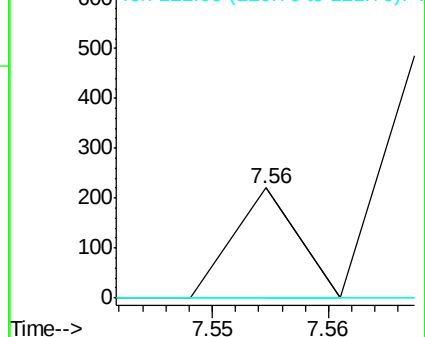
121 0.0 25.6 38.4#

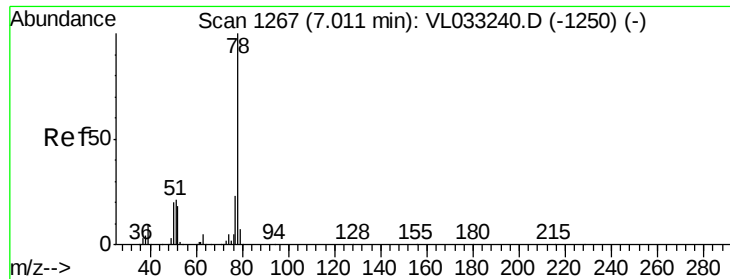


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#36

Benzene

Concen: 0.001 ppbv

RT: 7.00 min Scan# 1263

Delta R.T. -0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

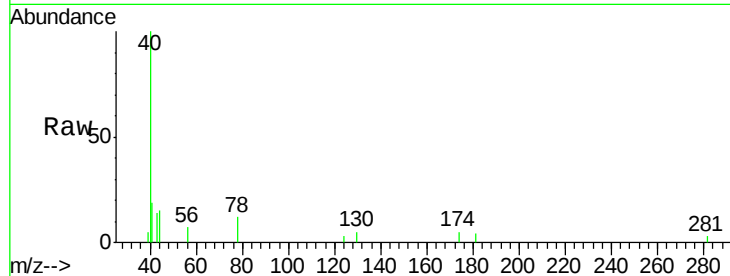
Tot Ion: 78 Resp: 210

Ion Ratio Lower Upper

78 100

77 0.0 18.0 27.0#

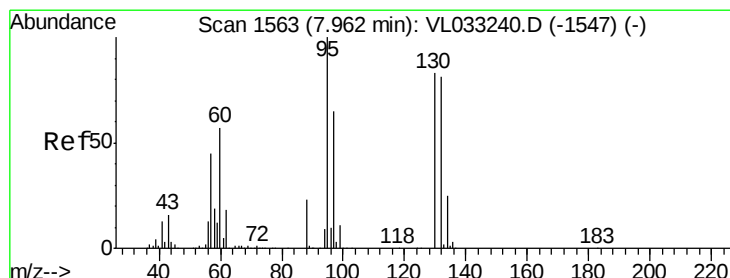
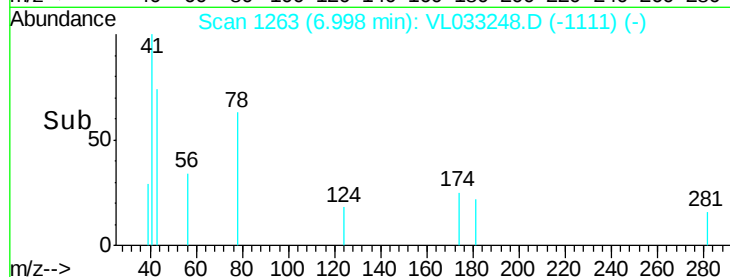
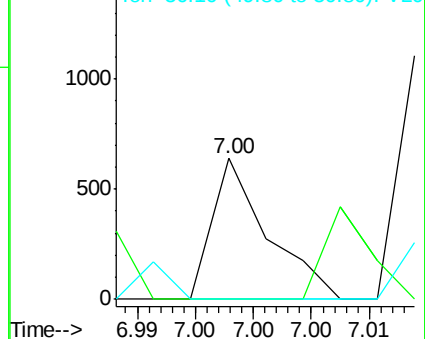
50 0.0 16.2 24.4#



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



#38

Trichloroethene

Concen: 0.000 ppbv

RT: 8.09 min Scan# 1604

Delta R.T. 0.13 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tgt Ion: 130 Resp: 31

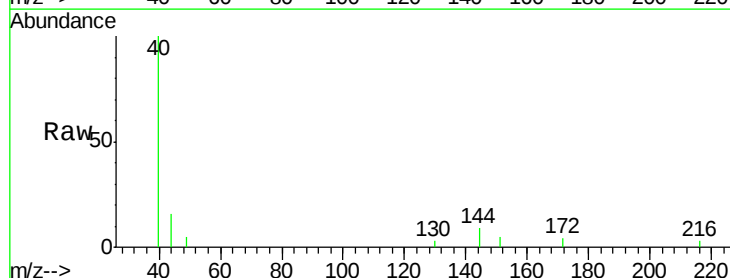
Ion Ratio Lower Upper

130 100

95 0.0 95.7 143.5#

132 0.0 77.4 116.2#

97 0.0 62.5 93.7#

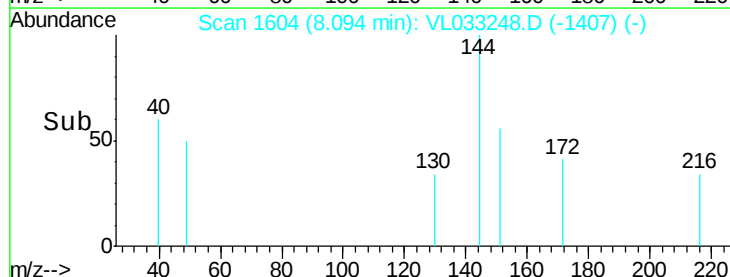
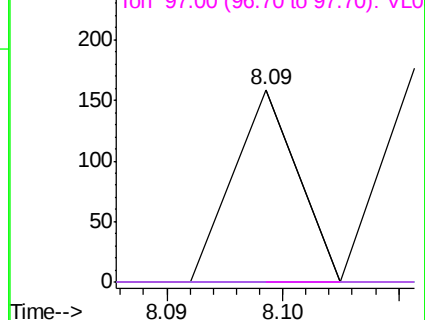


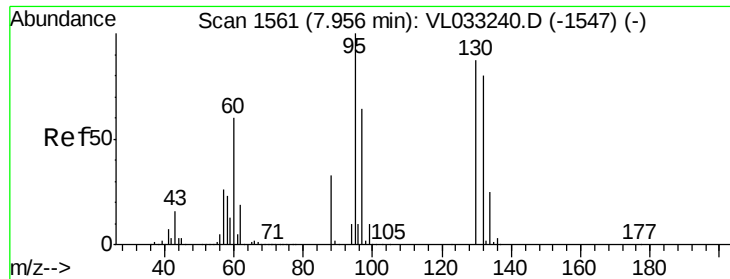
Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

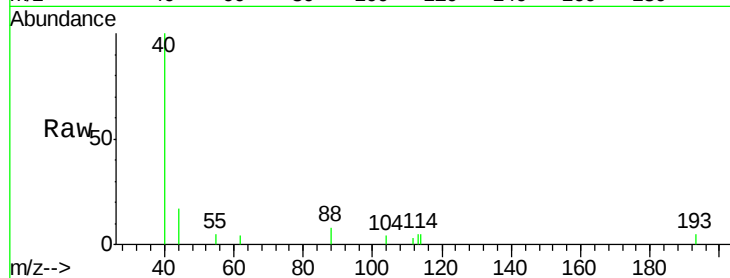
Ion 97.00 (96.70 to 97.70): VL0



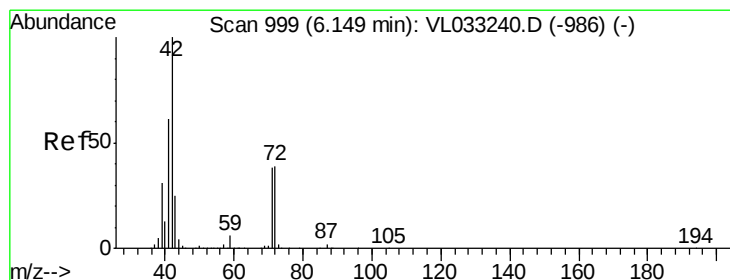
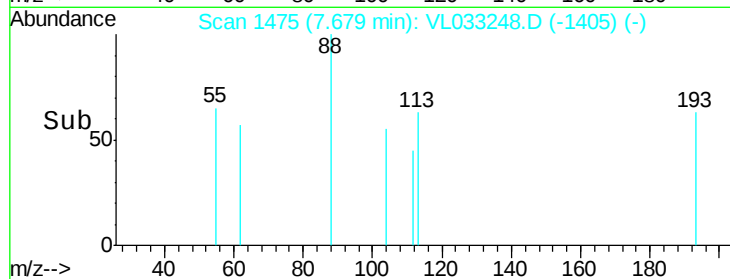
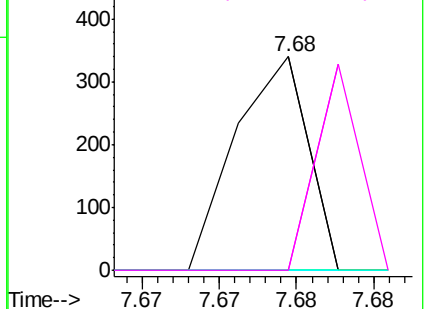


#40
1,4-Dioxane
Concen: 0.004 ppbv
RT: 7.68 min Scan# 1475
Delta R.T. -0.28 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tot Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
58 0.0 105.1 157.7#
43 190.1 0.0 0.0#
57 109.0 0.0 0.0#

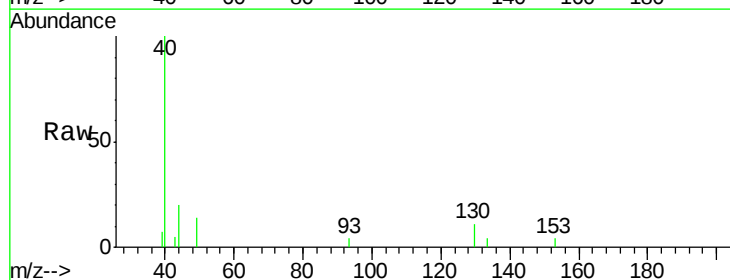


Abundance Ion 88.10 (87.80 to 88.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 57.10 (56.80 to 57.80): VL0

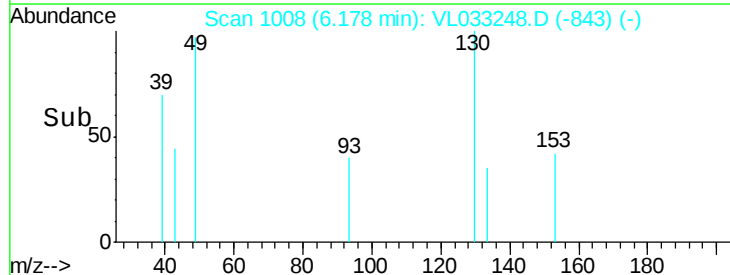
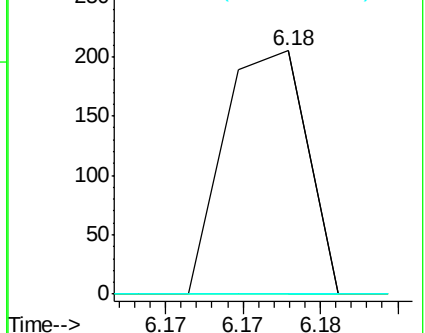


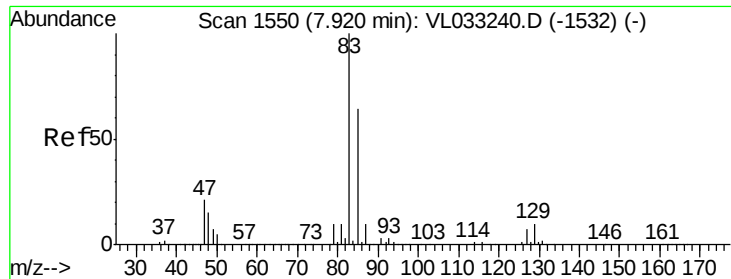
#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 6.18 min Scan# 1008
Delta R.T. 0.03 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion: 42 Resp: 76
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.4#
71 0.0 29.6 44.4#



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: 0.001 ppbv

RT: 7.92 min Scan# 1549

Delta R.T. -0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

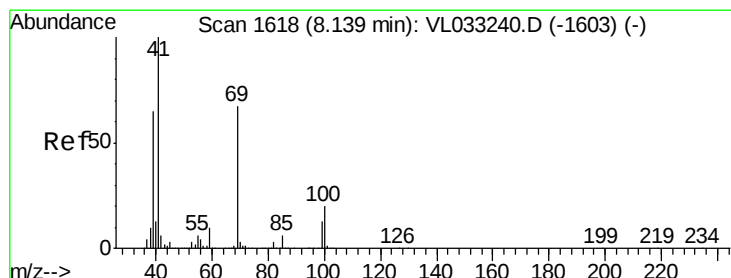
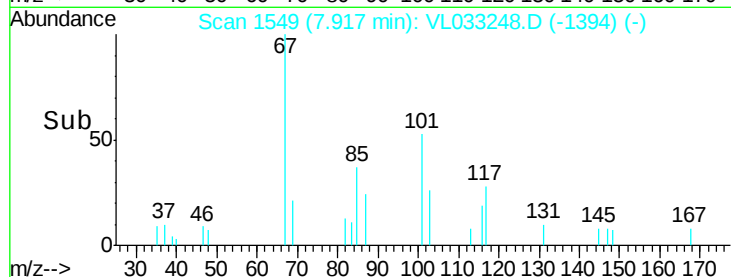
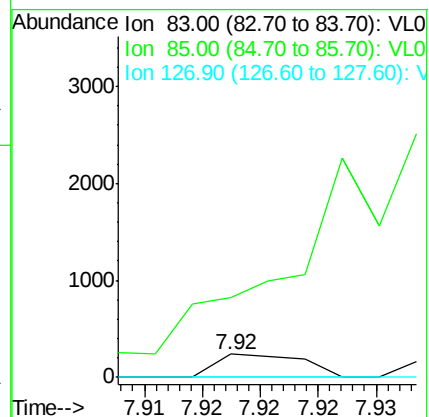
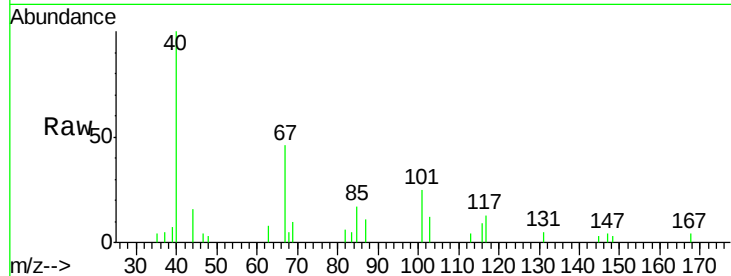
Tot Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

85 27.0 51.5 77.3#

127 0.0 5.9 8.9#



#43

Methyl Methacrylate

Concen: 0.000 ppbv

RT: 7.97 min Scan# 1565

Delta R.T. -0.17 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

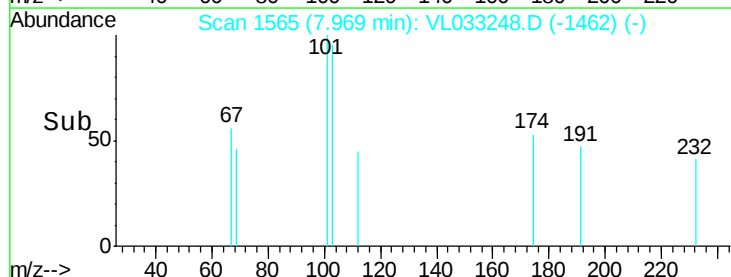
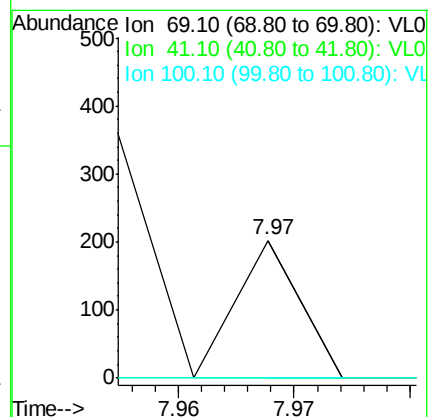
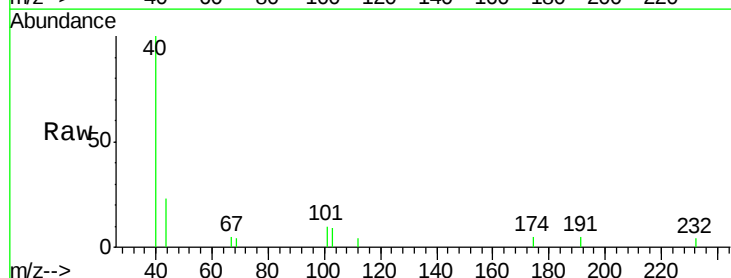
Tgt Ion: 69 Resp: 39

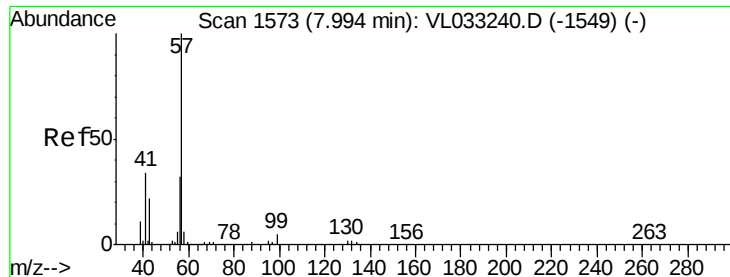
Ion Ratio Lower Upper

69 100

41 82.1 120.9 181.3#

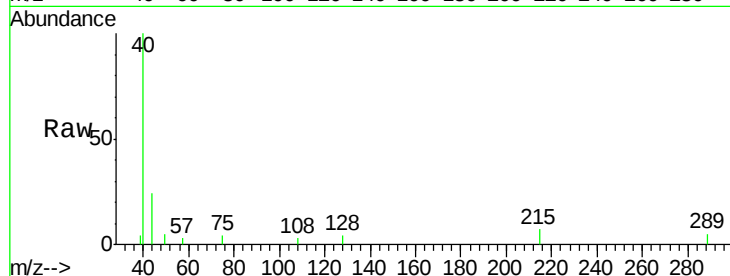
100 0.0 24.4 36.6#



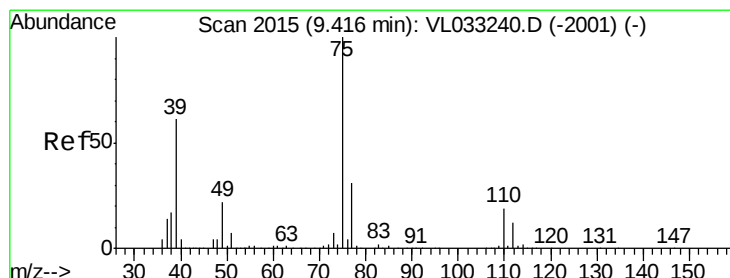
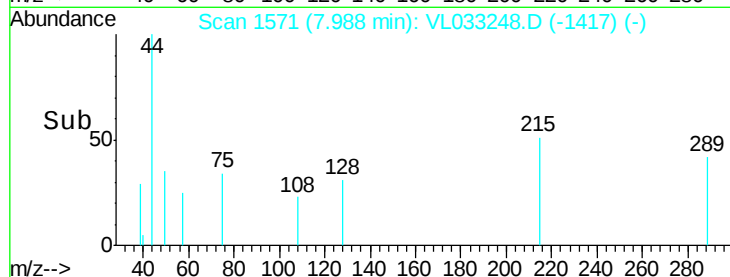
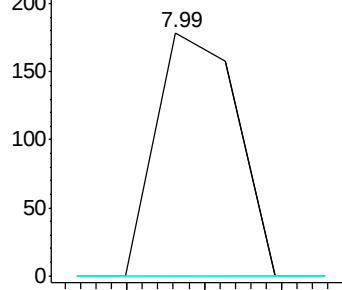


#44
2,2,4-Trimethylpentane
Concen: 0.000 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tot Ion: 57 Resp: 65
Ion Ratio Lower Upper
57 100
41 0.0 26.1 39.1#
56 0.0 24.7 37.1#

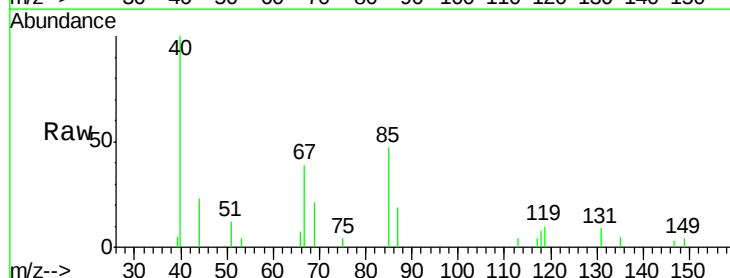


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

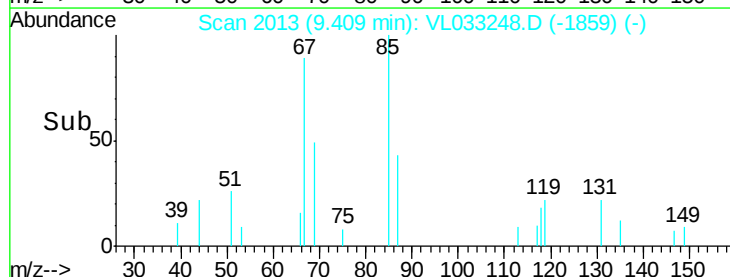
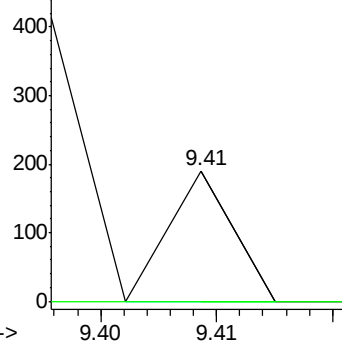


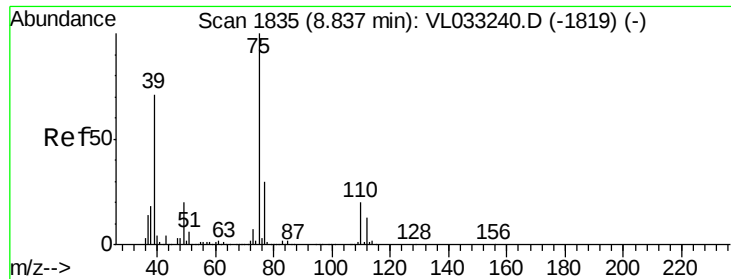
#45
t-1,3-Dichloropropene
Concen: 0.000 ppbv
RT: 9.41 min Scan# 2013
Delta R.T. -0.01 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion: 75 Resp: 37
Ion Ratio Lower Upper
75 100
77 0.0 24.7 37.1#



Abundance Ion 75.10 (74.80 to 75.80): VL0
Ion 77.10 (76.80 to 77.80): VL0





#46

cis-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 8.82 min Scan# 1829

Delta R.T. -0.02 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

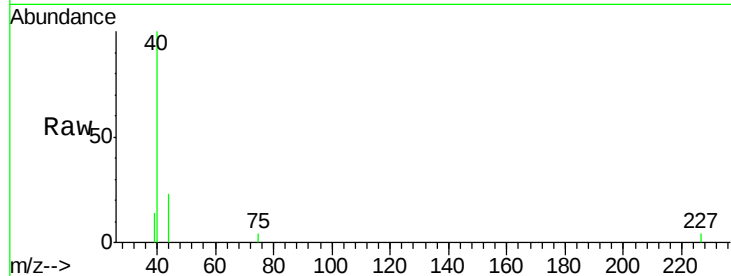
Tot Ion: 75 Resp: 74

Ion	Ratio	Lower	Upper
75	100		
39	314.4	57.0	85.6#
77	0.0	24.0	36.0#

75 100

39 314.4 57.0 85.6#

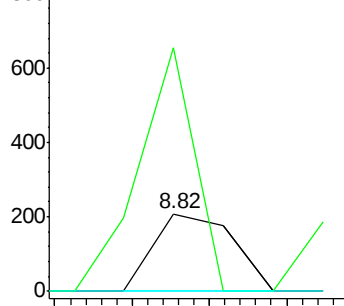
77 0.0 24.0 36.0#



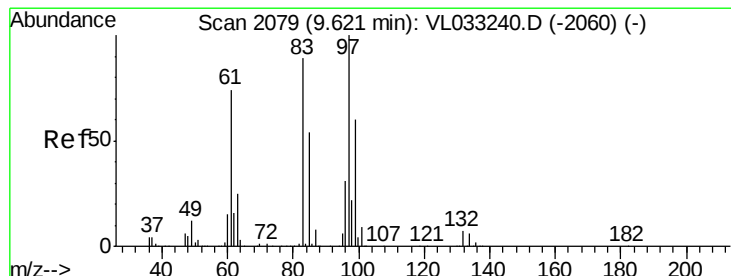
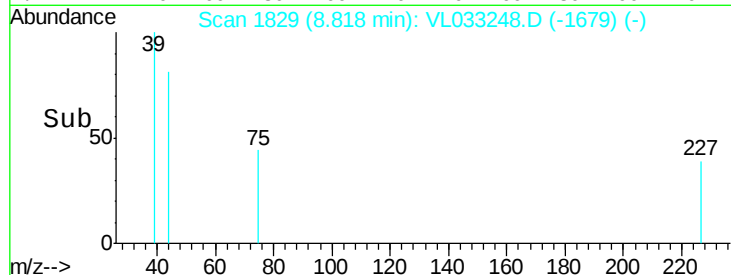
Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0



Time--> 8.81 8.81 8.82 8.82



#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

RT: 9.93 min Scan# 2174

Delta R.T. 0.31 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tgt Ion: 97 Resp: 61

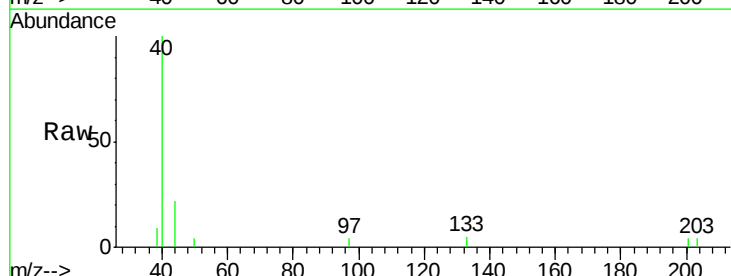
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.1	106.7#
85	0.0	42.9	64.3#
99	0.0	48.2	72.4#

97 100

83 0.0 71.1 106.7#

85 0.0 42.9 64.3#

99 0.0 48.2 72.4#

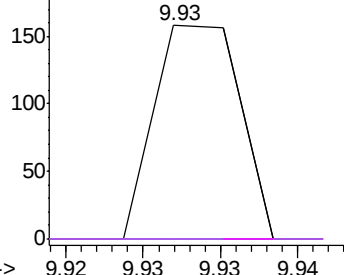


Abundance Ion 97.00 (96.70 to 97.70): VL0

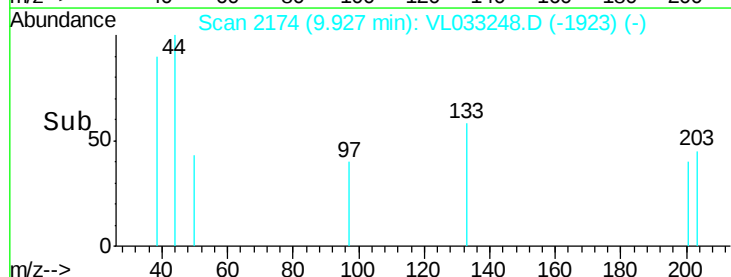
Ion 83.00 (82.70 to 83.70): VL0

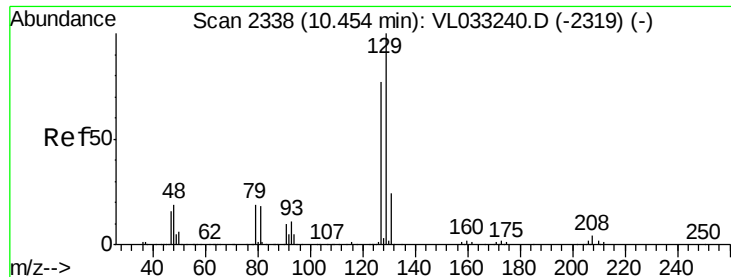
Ion 85.00 (84.70 to 85.70): VL0

Ion 99.00 (98.70 to 99.70): VL0



Time--> 9.92 9.93 9.93 9.94





#48

Dibromochloromethane

Concen: 0.000 ppbv

RT: 10.49 min Scan# 2349

Delta R.T. 0.04 min

Lab File: VL033248.D

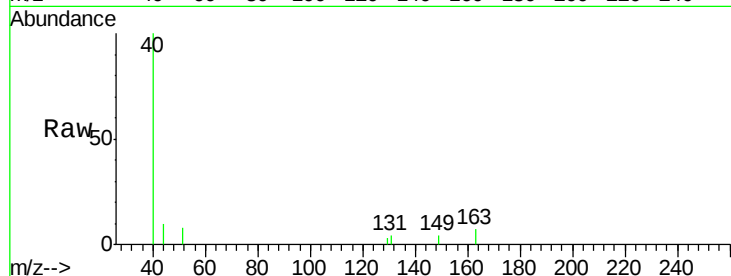
Acq: 6 Mar 2019 8:30

Tot Ion:129 Resp: 62

Ion Ratio Lower Upper

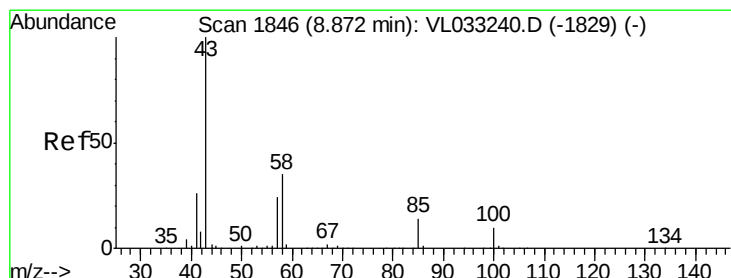
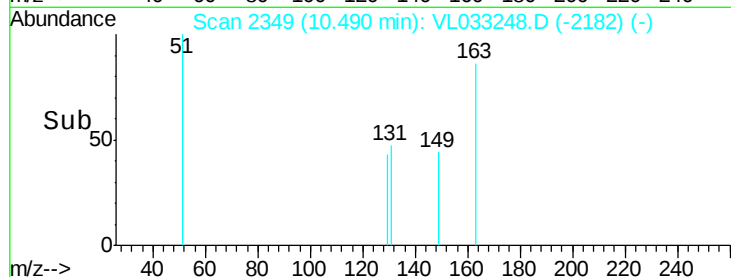
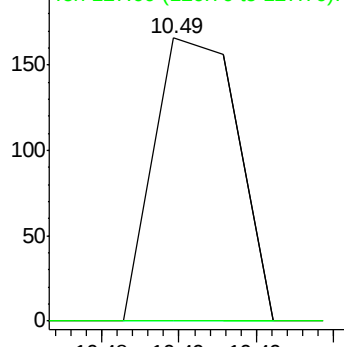
129 100

127 140.3 39.0 117.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

4-Methyl-2-Pentanone

Concen: 0.002 ppbv

RT: 8.91 min Scan# 1857

Delta R.T. 0.04 min

Lab File: VL033248.D

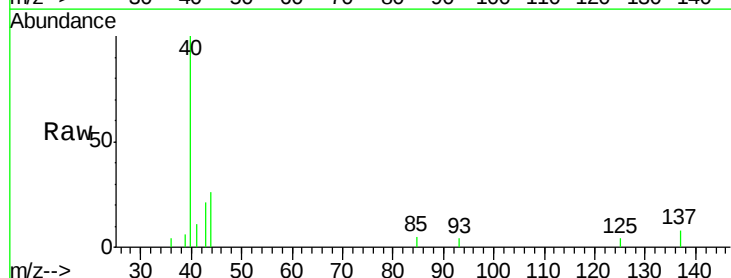
Acq: 6 Mar 2019 8:30

Tgt Ion: 43 Resp: 519

Ion Ratio Lower Upper

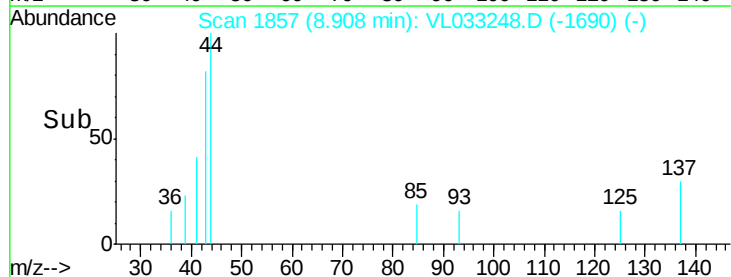
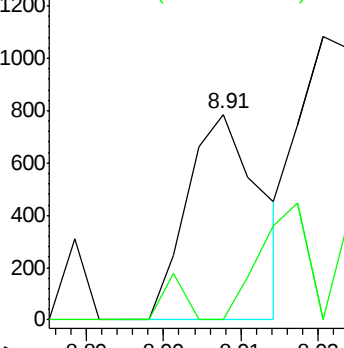
43 100

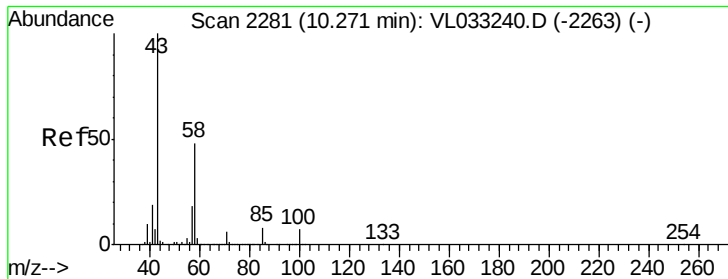
58 0.0 27.8 41.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

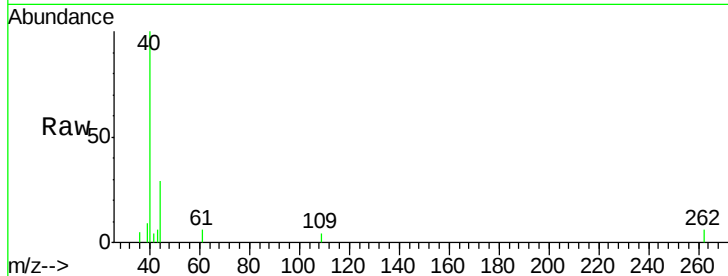
Ion 58.10 (57.80 to 58.80): VL0



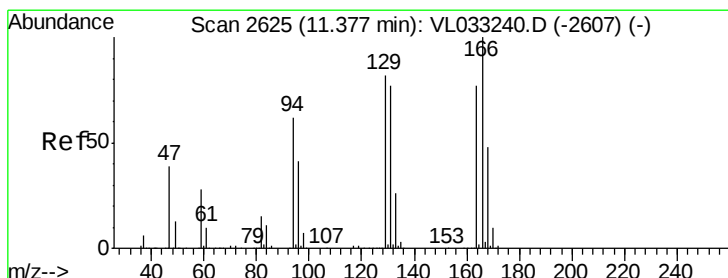
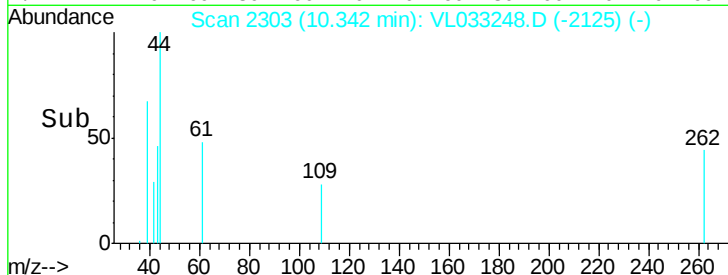
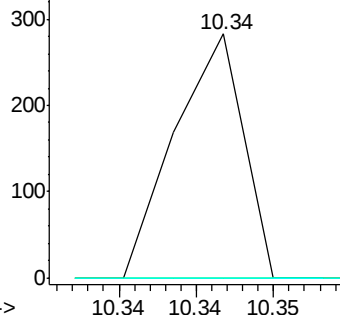


#51
2-Hexanone
Concen: 0.001 ppbv
RT: 10.34 min Scan# 2303
Delta R.T. 0.07 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tot Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
58 33.3 38.2 57.2#
98 56.3 0.2 0.4#

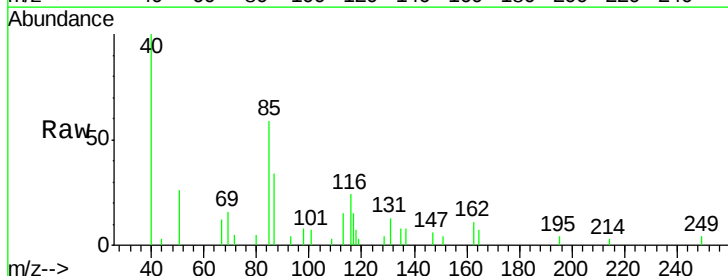


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

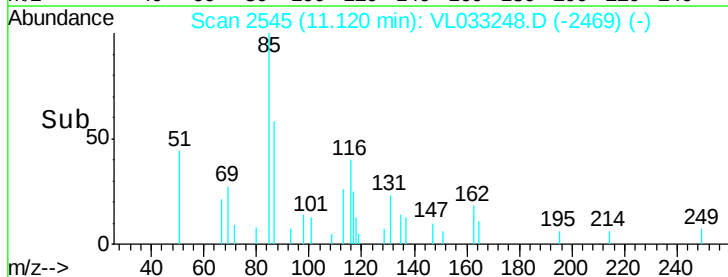
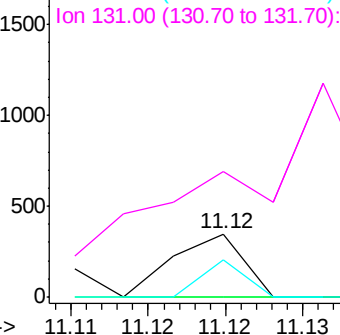


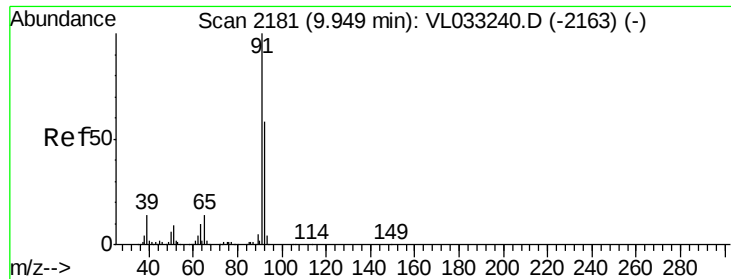
#52
Tetrachloroethene
Concen: 0.001 ppbv
RT: 11.12 min Scan# 2545
Delta R.T. -0.26 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion: 164 Resp: 110
Ion Ratio Lower Upper
164 100
166 0.0 103.3 154.9#
129 58.7 84.4 126.6#
131 66.8 79.4 119.0#



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V





#53

Toluene

Concen: 0.001 ppbv

RT: 10.19 min Scan# 2257

Delta R.T. 0.24 min

Lab File: VL033248.D

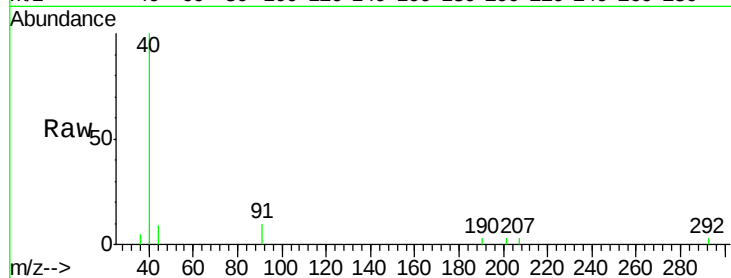
Acq: 6 Mar 2019 8:30

Tot Ion: 91 Resp: 134

Ion Ratio Lower Upper

91 100

92 42.5 47.4 71.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

10.19

500

400

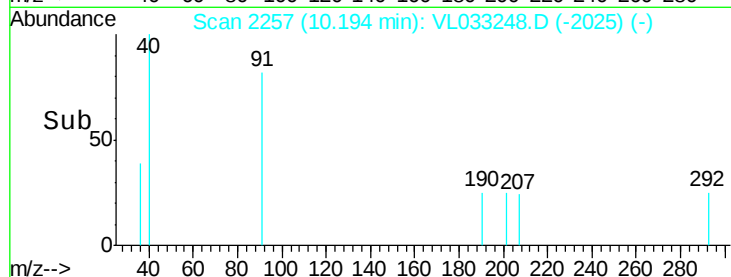
300

200

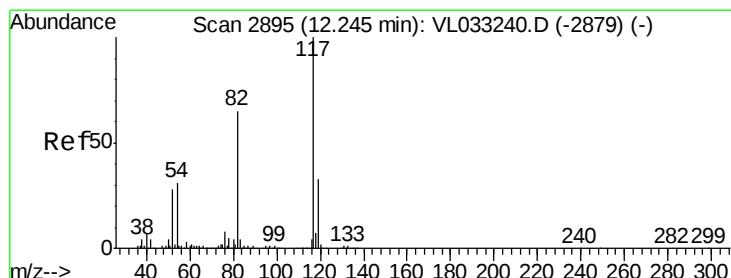
100

0

10.19 10.19 10.20 10.20



Time-->



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

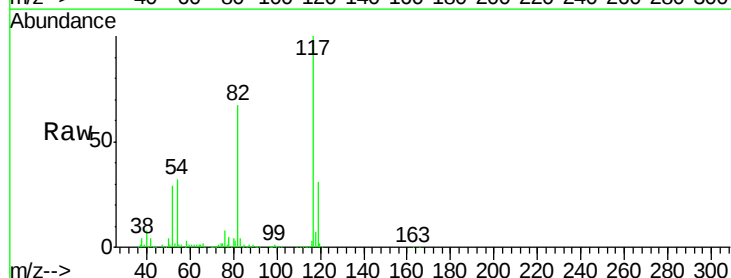
Tgt Ion: 117 Resp: 2145079

Ion Ratio Lower Upper

117 100

82 68.6 51.8 77.8

119 32.7 43.6 65.4#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V

1200000

1000000

800000

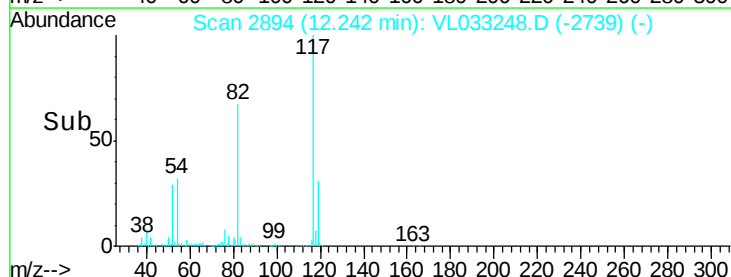
600000

400000

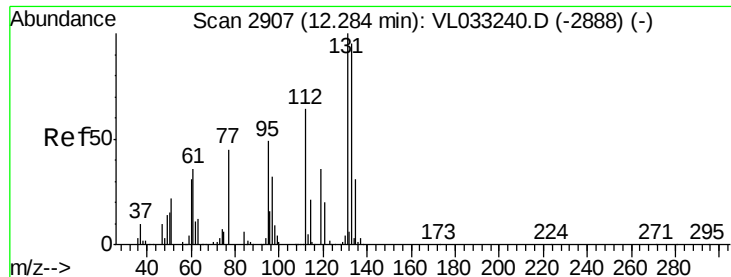
200000

0

12.20 12.20 12.30 12.30



Time-->



#56

1,1,1,2-Tetrachloroethane

Concen: 0.001 ppbv

RT: 12.26 min Scan# 2899

Delta R.T. -0.03 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

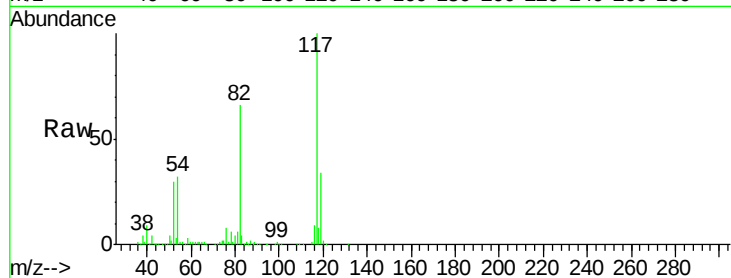
Tot Ion:131 Resp: 90

Ion Ratio Lower Upper

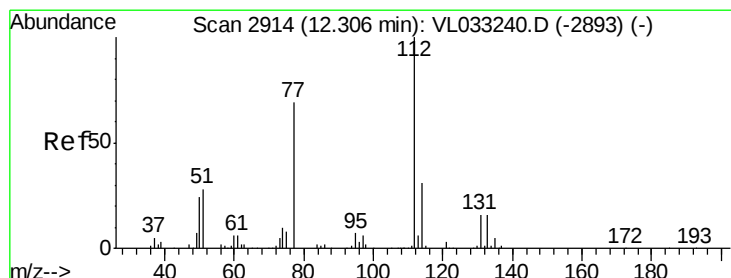
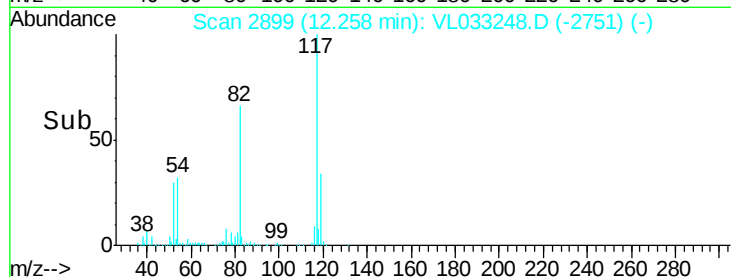
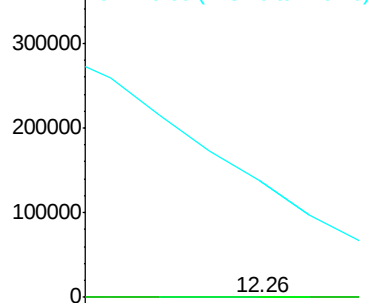
131 100

133 0.0 76.2 114.2#

119 781142.2 108.9 163.3#



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#57

Chlorobenzene

Concen: 0.000 ppbv

RT: 12.30 min Scan# 2911

Delta R.T. -0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

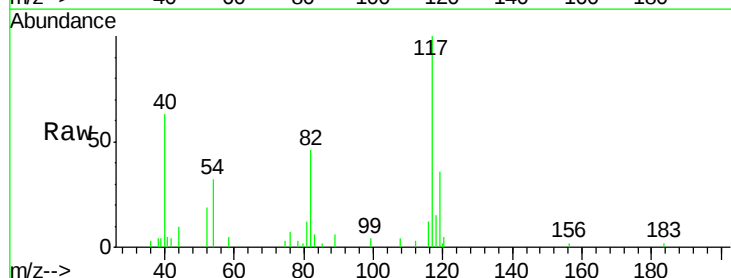
Tgt Ion:112 Resp: 71

Ion Ratio Lower Upper

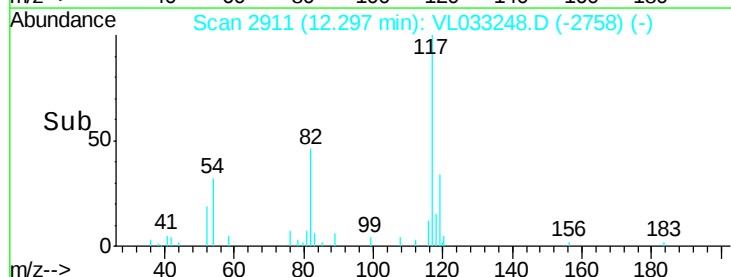
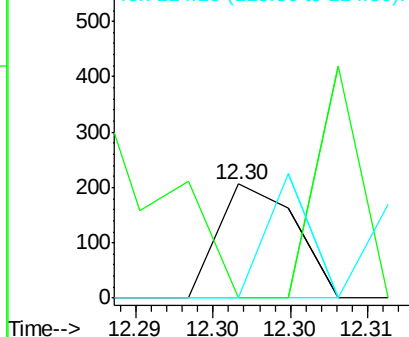
112 100

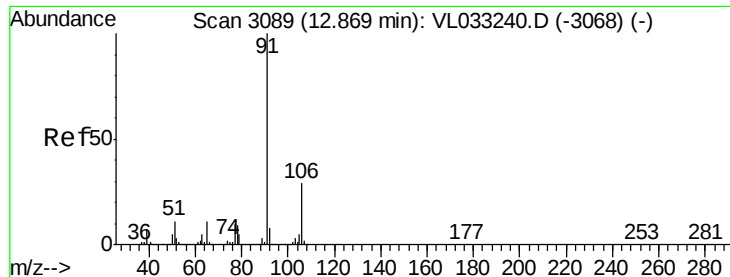
77 0.0 56.5 84.7#

114 0.0 28.4 34.7#



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





#58

Ethyl Benzene

Concen: 0.000 ppbv

RT: 13.14 min Scan# 3174

Delta R.T. 0.27 min

Lab File: VL033248.D

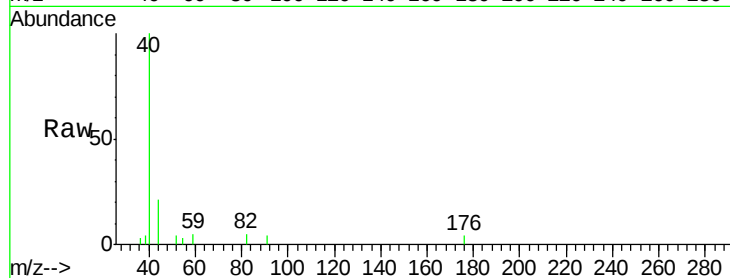
Acq: 6 Mar 2019 8:30

Tot Ion: 91 Resp: 74

Ion Ratio Lower Upper

91 100

106 0.0 23.5 35.3#

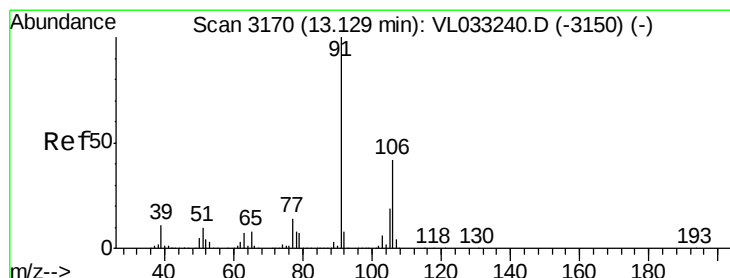
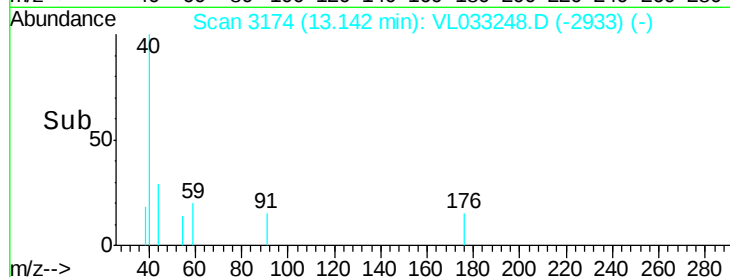


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.14

Time-->



#59

m/p-Xylene

Concen: 0.000 ppbv

RT: 13.14 min Scan# 3174

Delta R.T. 0.01 min

Lab File: VL033248.D

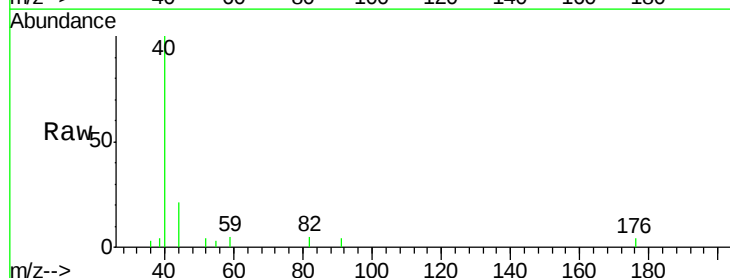
Acq: 6 Mar 2019 8:30

Tgt Ion: 91 Resp: 74

Ion Ratio Lower Upper

91 100

106 64.9 35.6 53.4#

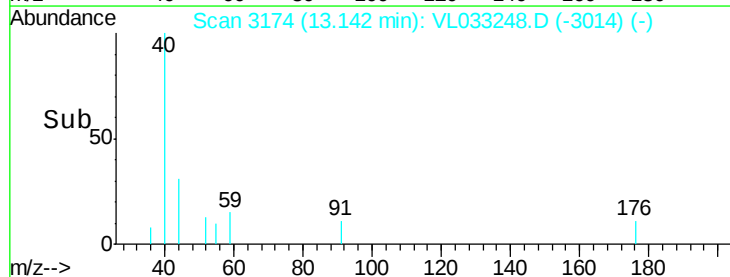


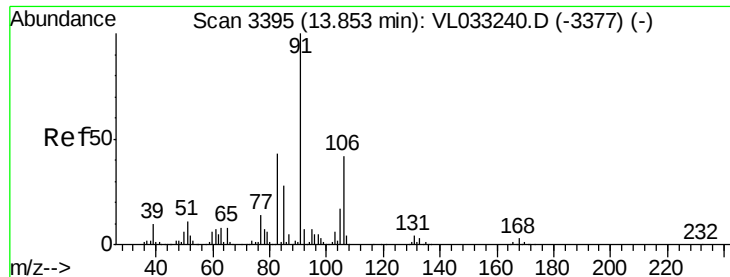
Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

13.14

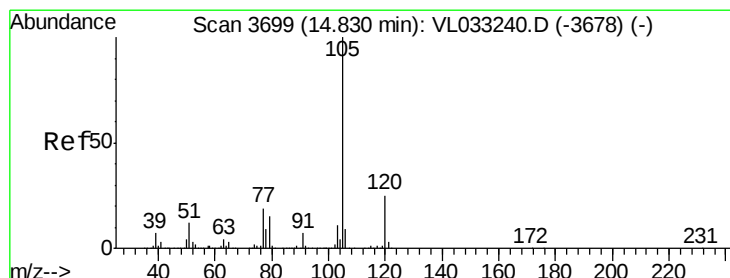
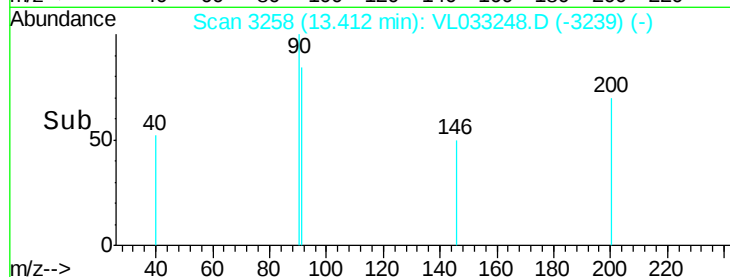
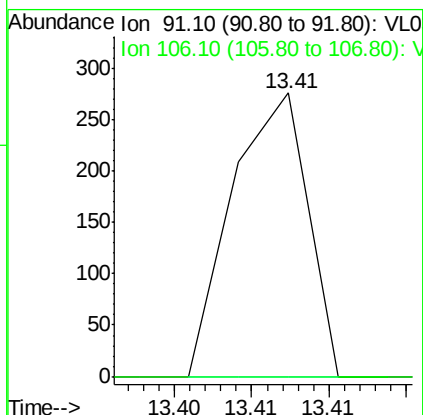
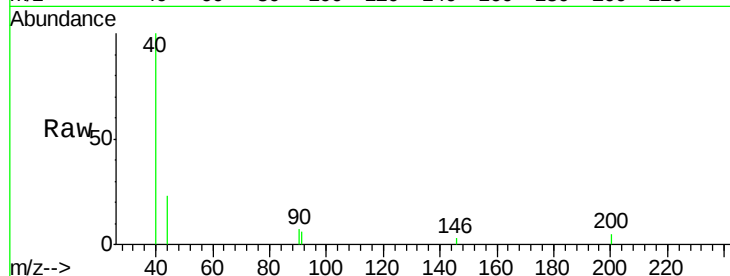
Time-->





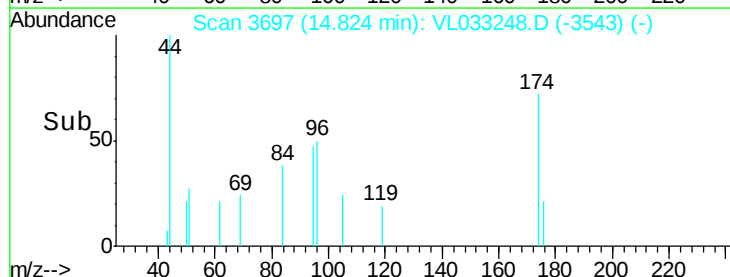
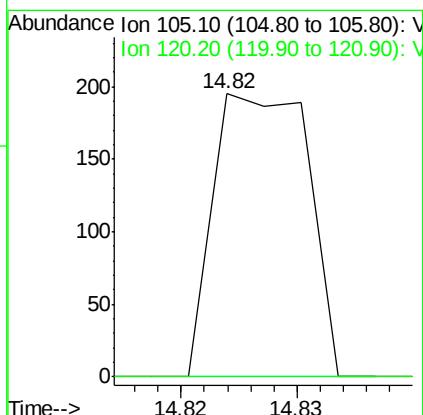
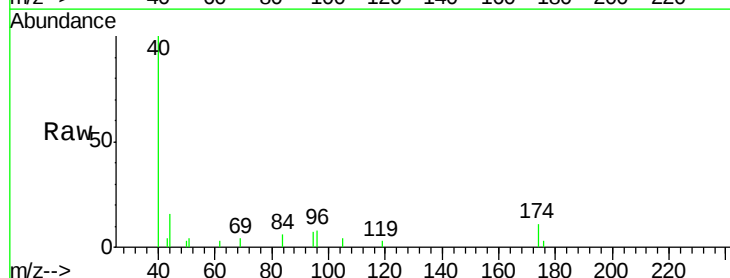
#60
o-Xylene
Concen: 0.000 ppbv
RT: 13.41 min Scan# 3258
Delta R.T. -0.44 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

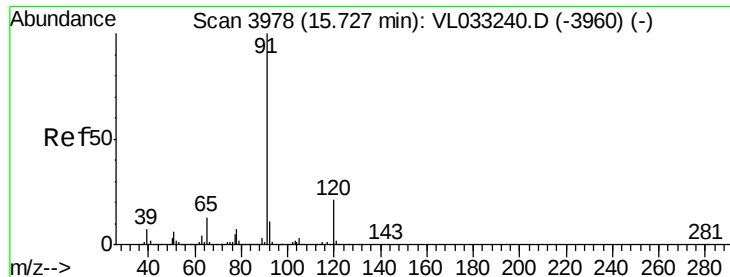
Tot Ion: 91 Resp: 94
Ion Ratio Lower Upper
91 100
106 0.0 21.4 64.3#



#62
Isopropylbenzene
Concen: 0.000 ppbv
RT: 14.82 min Scan# 3697
Delta R.T. -0.01 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

Tgt Ion: 105 Resp: 110
Ion Ratio Lower Upper
105 100
120 0.0 20.1 30.1#





#64

n-propylbenzene

Concen: 0.000 ppbv

RT: 16.16 min Scan# 4112

Delta R.T. 0.43 min

Lab File: VL033248.D

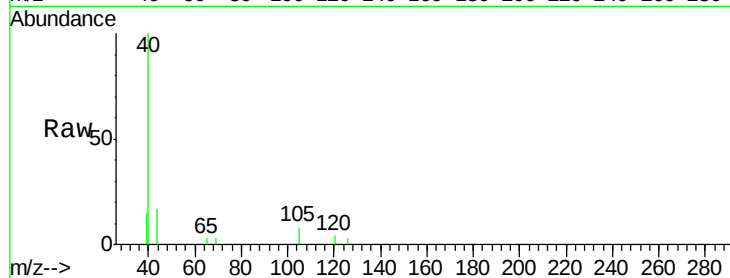
Acq: 6 Mar 2019 8:30

Tot Ion:120 Resp: 39

Ion Ratio Lower Upper

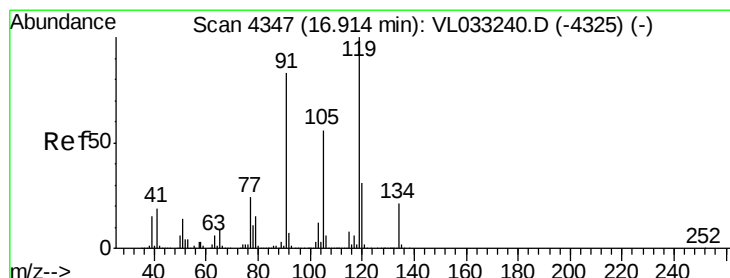
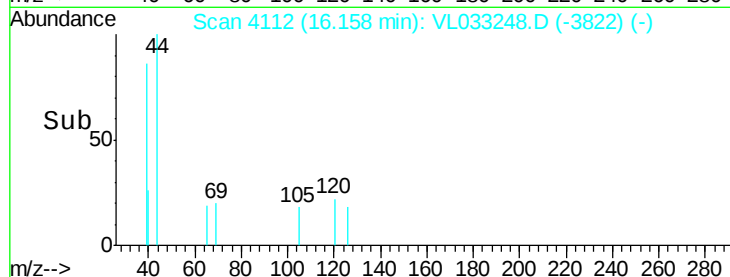
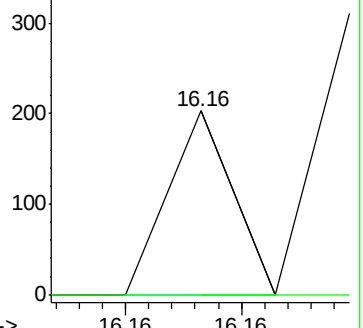
120 100

91 438.5 392.2 588.4



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0



#65

tert-Butylbenzene

Concen: 0.000 ppbv

RT: 16.92 min Scan# 4349

Delta R.T. 0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

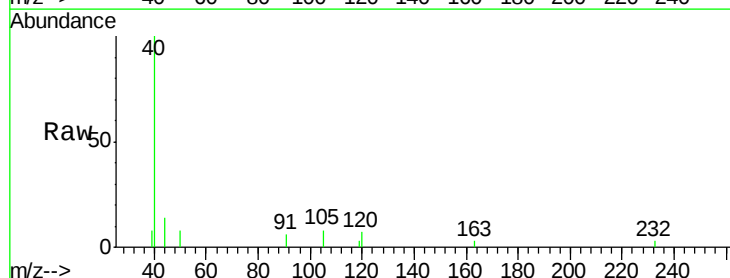
Tgt Ion:119 Resp: 79

Ion Ratio Lower Upper

119 100

91 0.0 67.0 100.4#

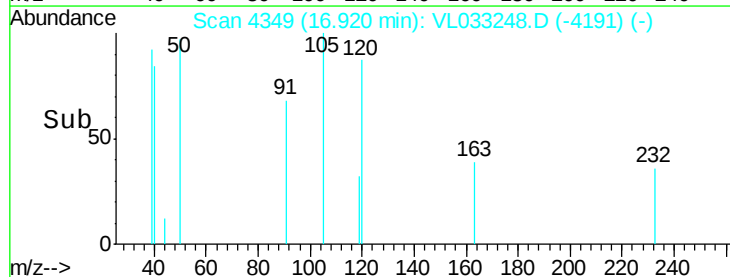
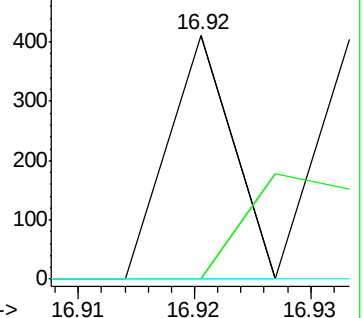
134 0.0 15.4 23.2#

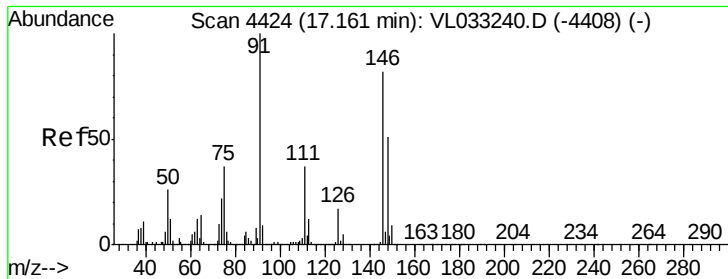


Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

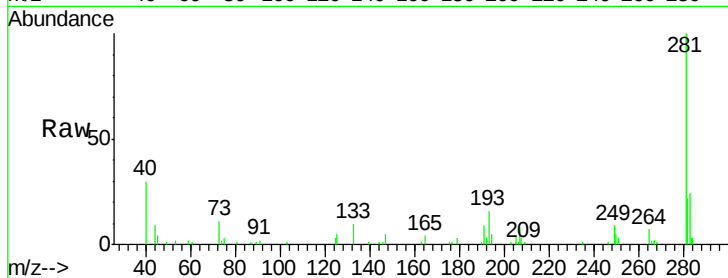
Ion 134.20 (133.90 to 134.90): V





#66
Benzyl Chloride
Concen: 0.001 ppbv
RT: 17.16 min Scan# 4423
Delta R.T. -0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

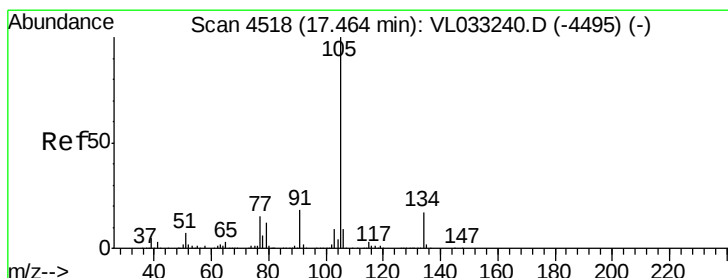
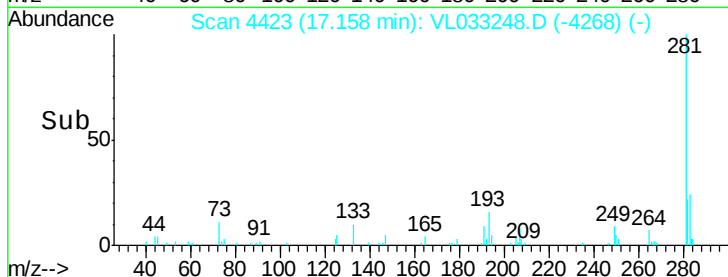
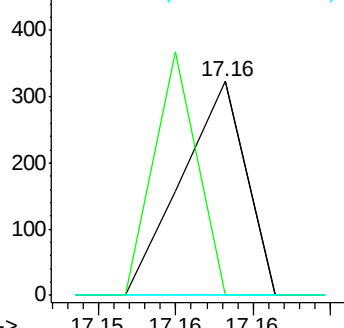
Tot Ion	Ratio	Lower	Upper
91	100		
126	401.1	13.4	20.0#
128	0.0	4.2	6.2#



Abundance Ion 91.10 (90.80 to 91.80): VL033248.D (-4268) (-)

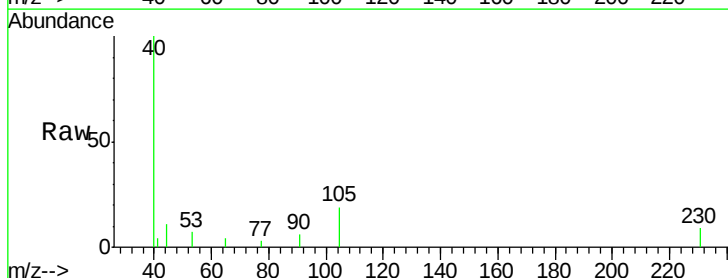
Ion 126.10 (125.80 to 126.80): VL033248.D (-4268) (-)

Ion 128.10 (127.80 to 128.80): VL033248.D (-4268) (-)



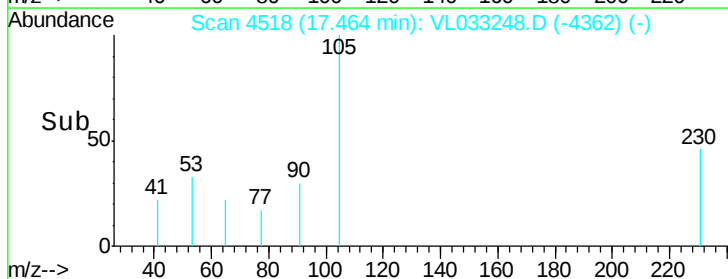
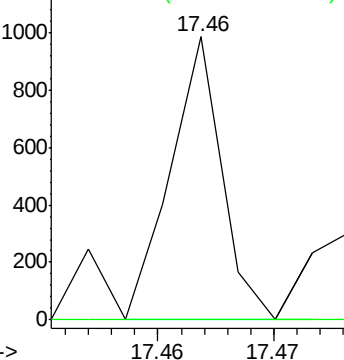
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.46 min Scan# 4518
Delta R.T. 0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

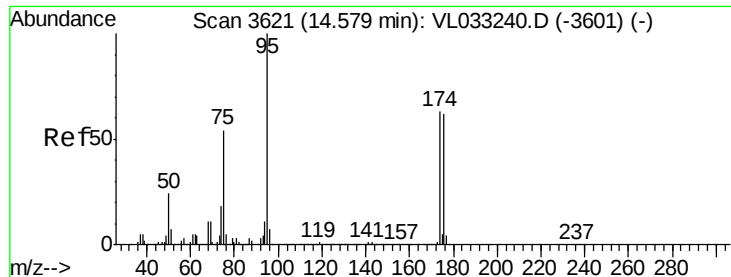
Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	14.2	21.4#



Abundance Ion 105.10 (104.80 to 105.80): VL033248.D (-4362) (-)

Ion 134.20 (133.90 to 134.90): VL033248.D (-4362) (-)





#68

1-Bromo-4-Fluorobenzene

Concen: 10.503 ppbv

RT: 14.58 min Scan# 3621

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

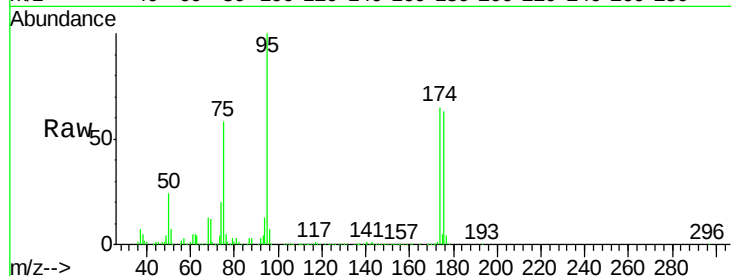
Tot Ion: 95 Resp: 1709514

Ion Ratio Lower Upper

95 100

174 64.8 51.0 76.4

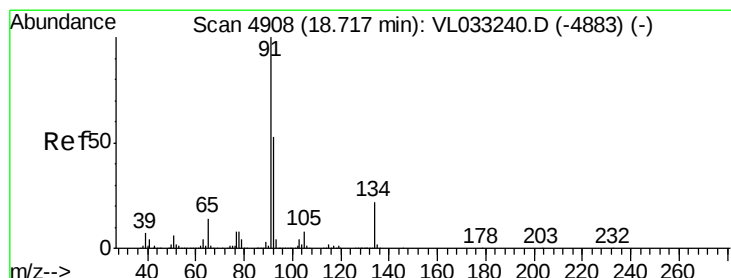
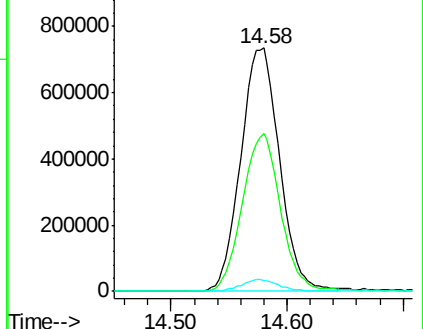
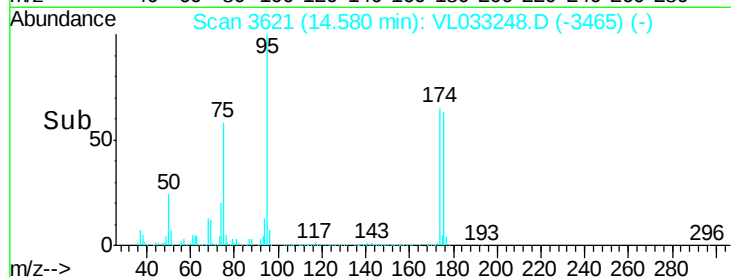
175 4.6 3.8 5.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): VL0

Ion 175.00 (174.70 to 175.70): VL0



#70

n-Butylbenzene

Concen: 0.000 ppbv

RT: 18.71 min Scan# 4906

Delta R.T. -0.01 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

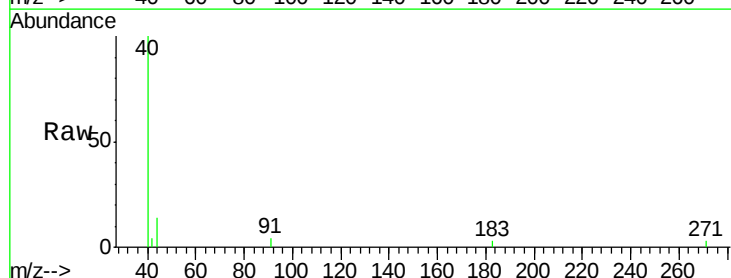
Tgt Ion: 91 Resp: 70

Ion Ratio Lower Upper

91 100

92 0.0 42.4 63.6#

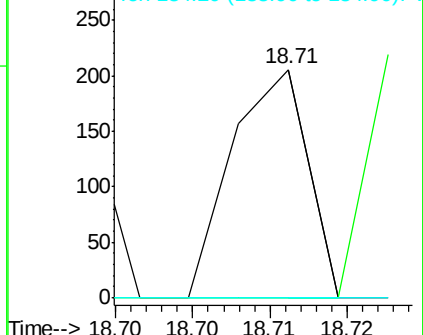
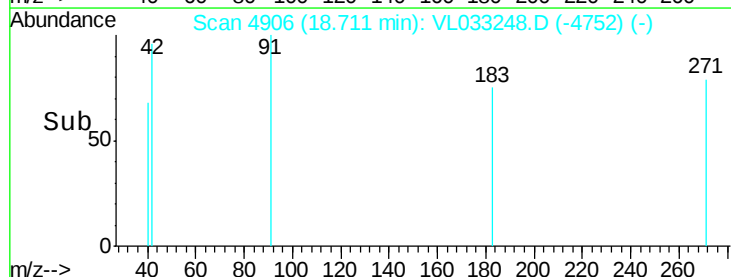
134 0.0 17.3 25.9#

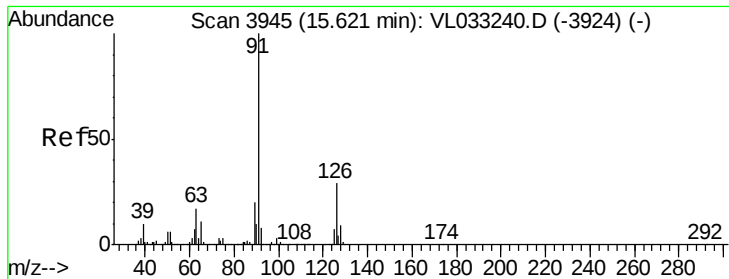


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): VL0





#71

2-Chlorotoluene

Concen: 0.000 ppbv

RT: 15.61 min Scan# 3942

Delta R.T. -0.01 min

Lab File: VL033248.D

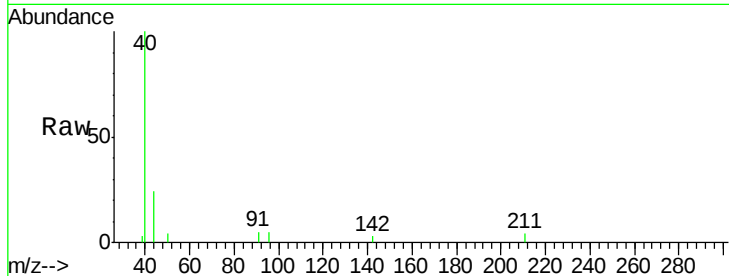
Acq: 6 Mar 2019 8:30

Tot Ion: 91 Resp: 55

Ion Ratio Lower Upper

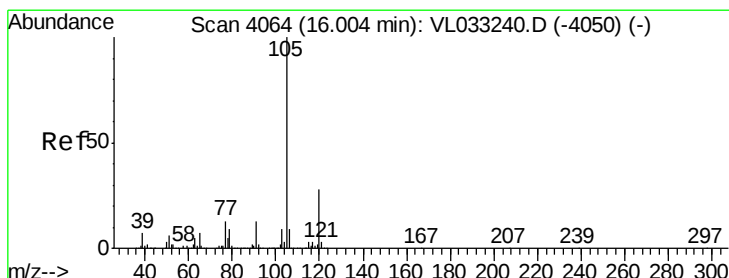
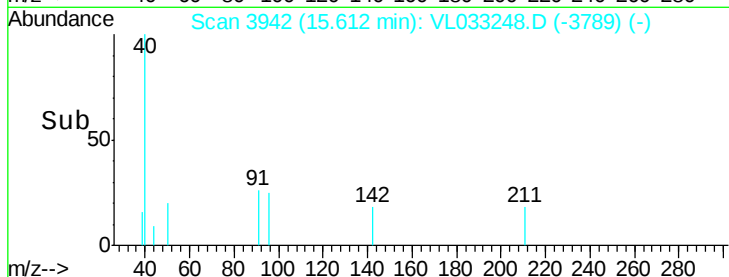
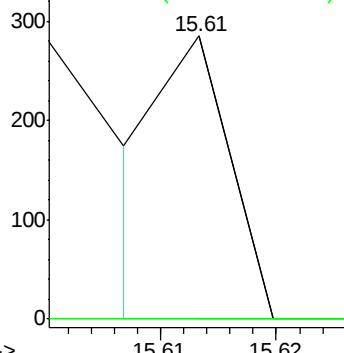
91 100

126 0.0 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: 0.000 ppbv

RT: 16.10 min Scan# 4093

Delta R.T. 0.09 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

Tgt Ion: 105 Resp: 68

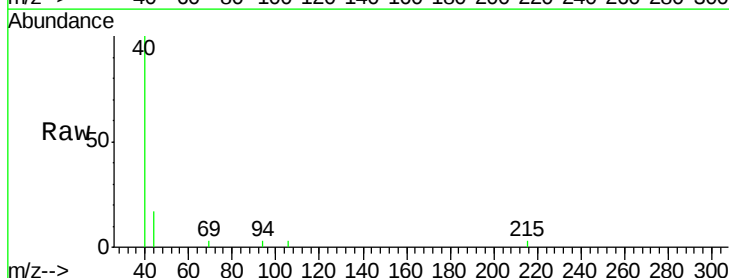
Ion Ratio Lower Upper

105 100

120 58.8 22.3 33.5#

91 102.9 10.3 15.5#

77 0.0 11.3 16.9#

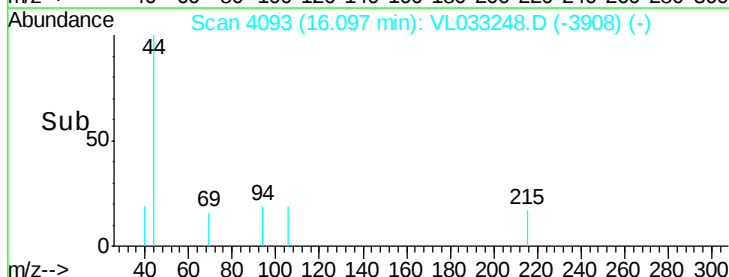
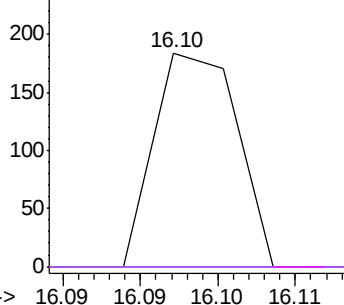


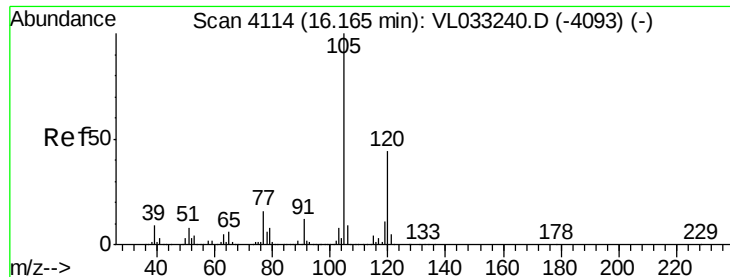
Abundance Ion 105.10 (104.80 to 105.80): V

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

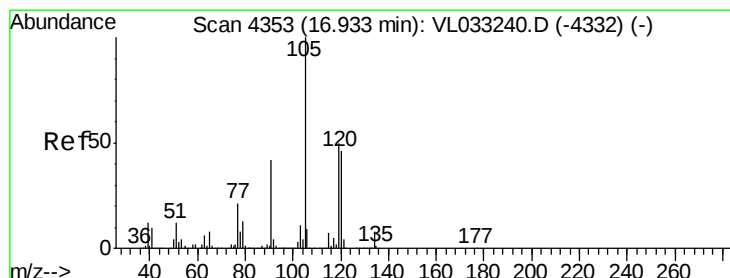
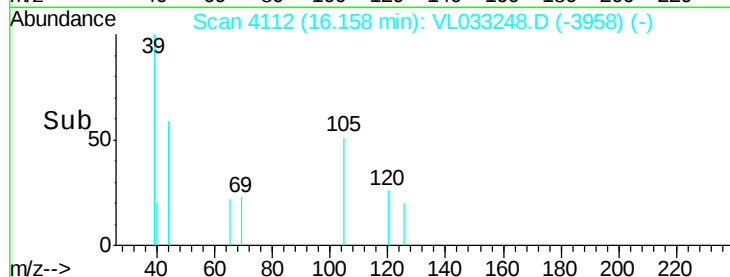
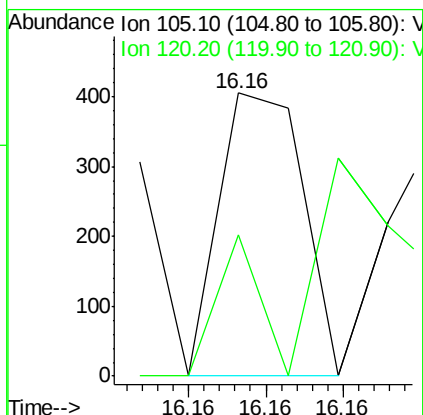
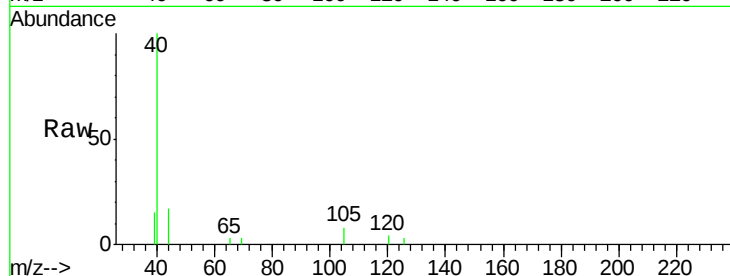




#73

1,3,5-Trimethylbenzene
Concen: 0.001 ppbv
RT: 16.16 min Scan# 4112
Delta R.T. -0.01 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

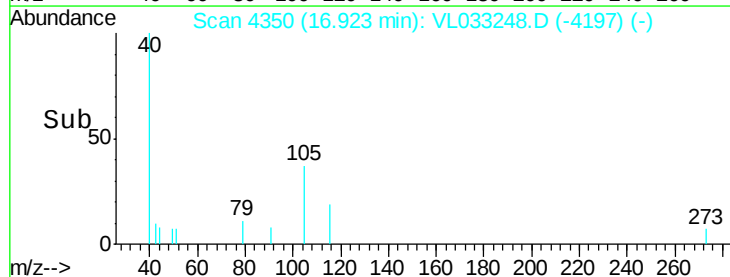
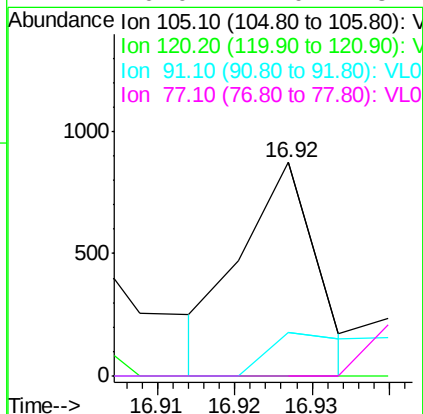
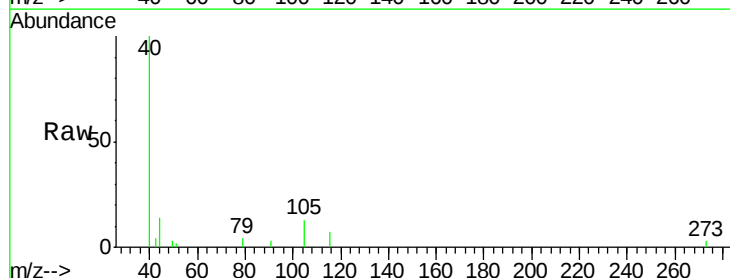
Tot Ion	Ratio	Lower	Upper
105	100		
120	50.1	35.0	52.6

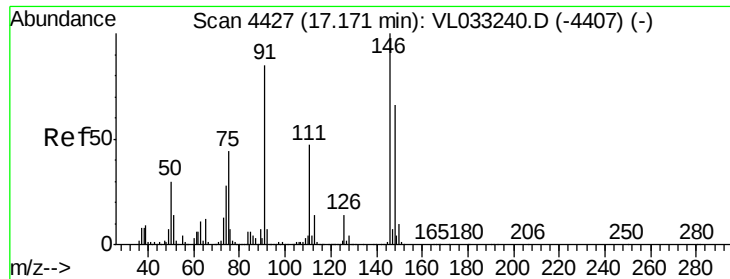


#74

1,2,4-Trimethylbenzene
Concen: 0.001 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.01 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

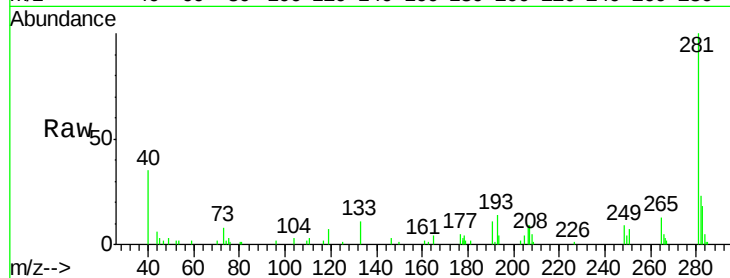
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	36.5	54.7#
91	25.5	34.4	51.6#
77	0.0	17.0	25.4#



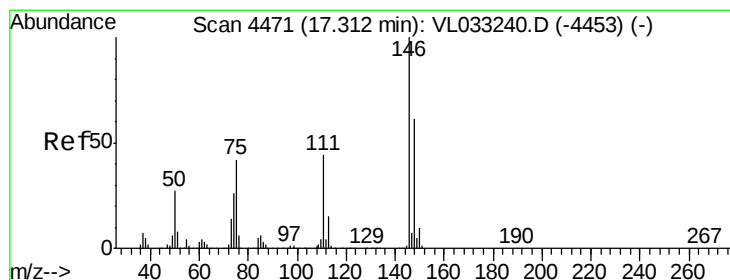
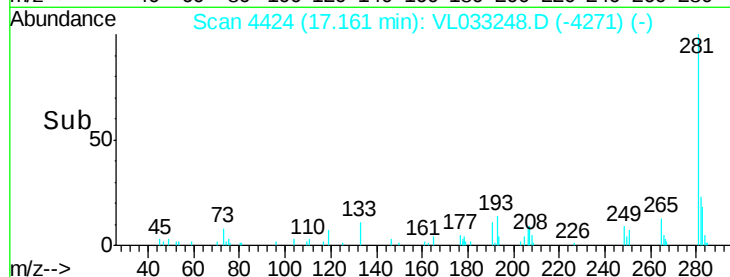
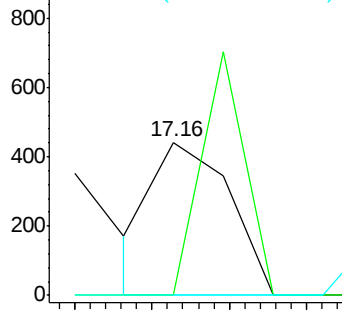


#75
 1,3-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.16 min Scan# 4424
 Delta R.T. -0.01 min
 Lab File: VL033248.D
 Acq: 6 Mar 2019 8:30

Tot Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.0#
148	0.0	32.1	96.3#

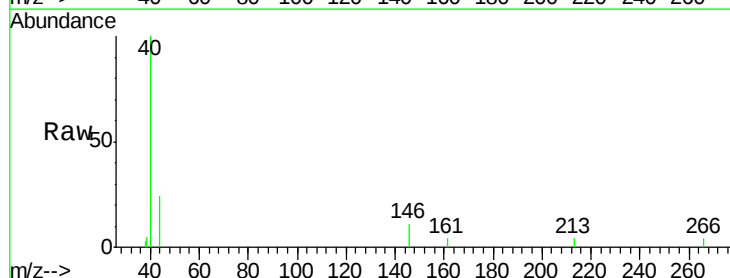


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

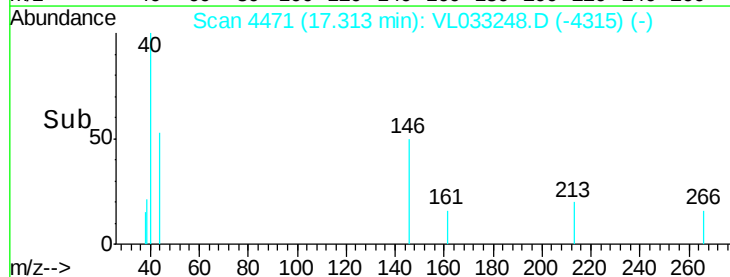
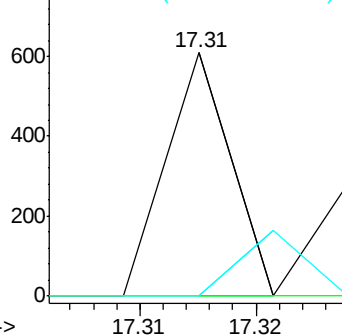


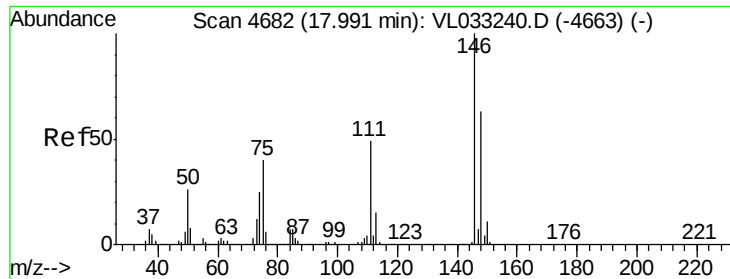
#76
 1,4-Dichlorobenzene
 Concen: 0.001 ppbv
 RT: 17.31 min Scan# 4471
 Delta R.T. 0.00 min
 Lab File: VL033248.D
 Acq: 6 Mar 2019 8:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.4	67.3#
148	0.0	32.1	96.3#



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





#77

1,2-Dichlorobenzene

Concen: 0.000 ppbv

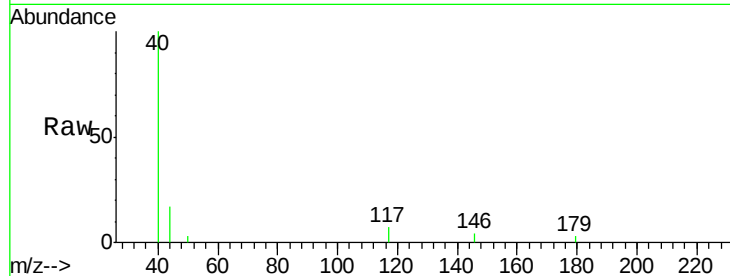
RT: 17.99 min Scan# 4681

Delta R.T. -0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

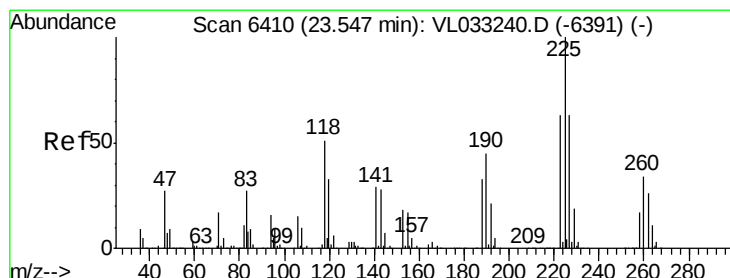
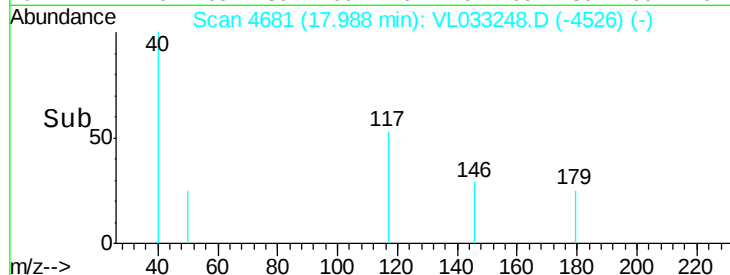
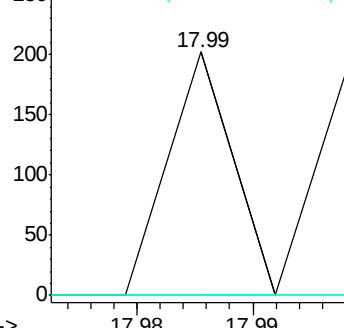
Tot Ion:146	Resp:	39
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.6 71.0#
148	0.0	32.3 96.9#



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: 0.001 ppbv

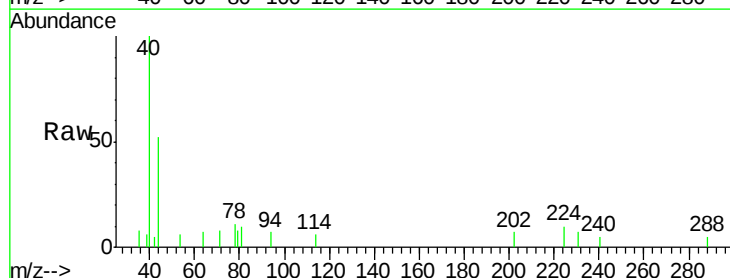
RT: 23.55 min Scan# 6411

Delta R.T. 0.00 min

Lab File: VL033248.D

Acq: 6 Mar 2019 8:30

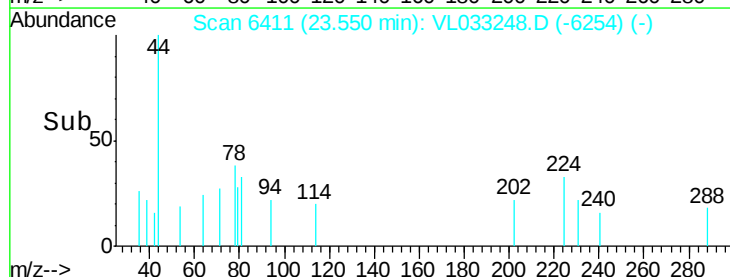
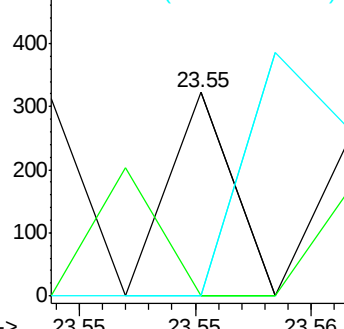
Tgt Ion:225	Resp:	62
Ion Ratio	Lower	Upper
225	100	
223	164.5	50.9 76.3#
227	377.4	50.7 76.1#

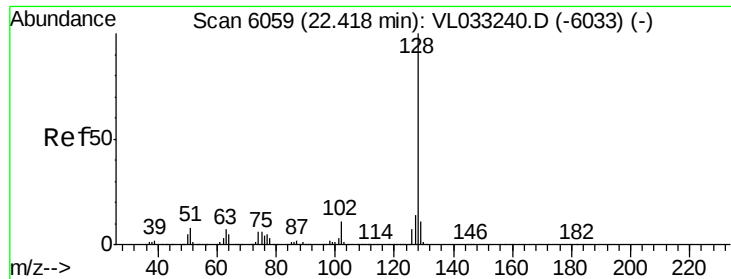


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

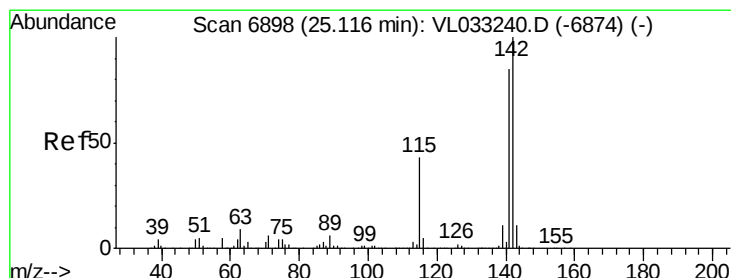
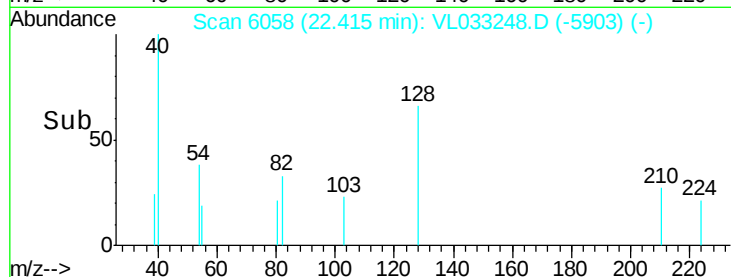
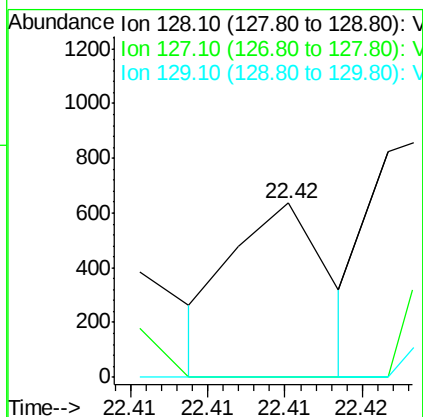
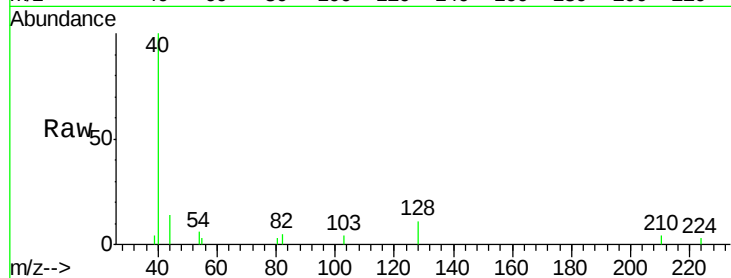
Ion 226.90 (226.60 to 227.60): V





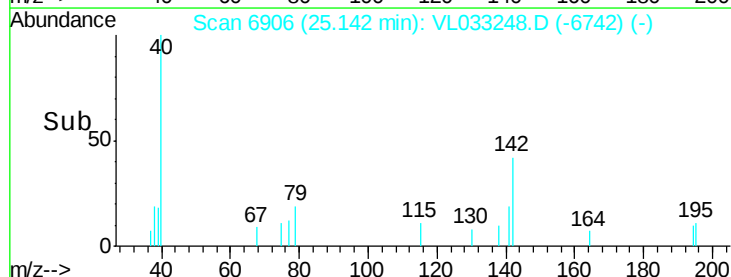
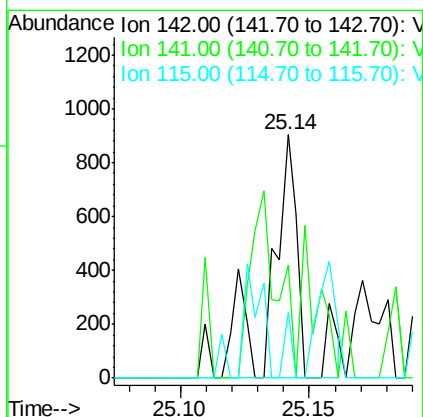
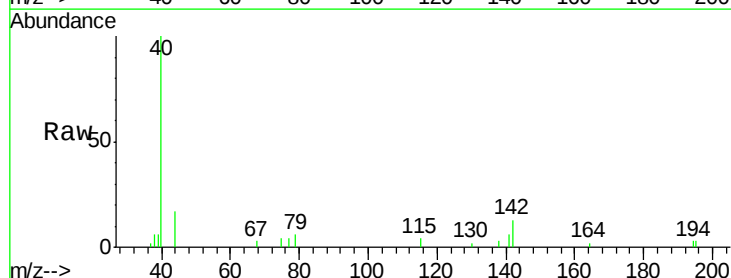
#79
Naphthalene
Concen: 0.001 ppbv
RT: 22.42 min Scan# 6058
Delta R.T. -0.00 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

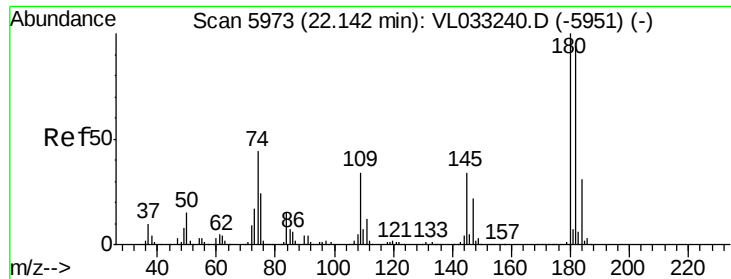
Tot Ion:128 Resp: 277
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#



#80
Naphthalene, 2-methyl-
Concen: 0.008 ppbv
RT: 25.14 min Scan# 6906
Delta R.T. 0.03 min
Lab File: VL033248.D
Acq: 6 Mar 2019 8:30

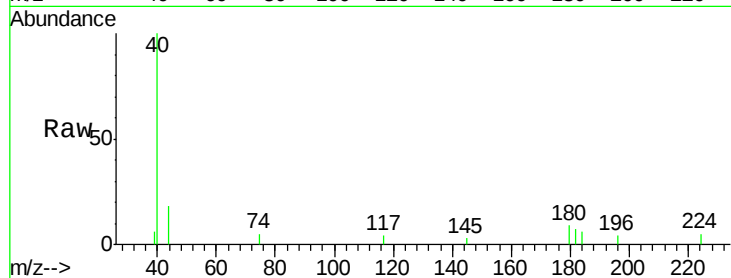
Tgt Ion:142 Resp: 743
Ion Ratio Lower Upper
142 100
141 107.3 68.0 102.0#
115 66.4 34.1 51.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.000 ppbv
 RT: 22.14 min Scan# 5972
 Delta R.T. -0.00 min
 Lab File: VL033248.D
 Acq: 6 Mar 2019 8:30

Tot Ion:180 Resp: 73
 Ion Ratio Lower Upper
 180 100
 182 0.0 76.6 114.8#
 184 0.0 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

