

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036139.D
 Acq On : 10 Dec 2020 22:15
 Operator : SY/AP
 Sample : L4930-02 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 11 04:33:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1368300	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2621019	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2375434	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2047015	10.85	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.47	85	165	0.001 ppbv	99
5) Vinyl Chloride	3.24	62	95	0.001 ppbv #	1
6) Bromomethane	3.47	94	101	0.002 ppbv #	1
7) Chloroethane	3.55	64	195	0.007 ppbv #	40
8) Dichlorotetrafluoroethane	3.17	85	451	0.003 ppbv #	16
10) Heptane	8.10	43	581	0.003 ppbv #	1
11) Trichlorofluoromethane	3.94	101	719	0.004 ppbv #	19
12) 1,1,2-Trichlorotrifluoroet	4.48	101	376	0.003 ppbv #	1
14) Bromoethene	3.73	108	335	0.006 ppbv #	58
15) Acetone	3.85	43	72899m	0.443 ppbv	
16) 1,3-Butadiene	3.31	39	470	0.006 ppbv #	11
17) tert-Butyl alcohol	4.31	59	506	0.003 ppbv #	71
18) 1,1-Dichloroethene	4.28	96	334	0.006 ppbv #	4
19) Isopropyl Alcohol	3.97	45	948	0.009 ppbv #	100
20) Methylene Chloride	4.33	84	47144	0.700 ppbv	85
21) Allyl Chloride	4.39	41	379	0.003 ppbv #	1
22) trans-1,2-Dichloroethene	4.85	96	131	0.002 ppbv #	1
23) Vinyl Acetate	5.06	43	1106	0.005 ppbv #	1
24) 1,1-Dichloroethane	5.00	63	413	0.003 ppbv #	88
27) Carbon Disulfide	4.53	76	469	0.003 ppbv #	1
28) Methyl tert-Butyl Ether	5.02	73	30	0.000 ppbv #	51
29) Chloroform	5.74	83	814	0.004 ppbv #	31
30) Cyclohexane	7.11	84	80	0.001 ppbv #	1
31) cis-1,2-Dichloroethene	5.54	61	363	0.003 ppbv #	27
32) 1,1,1-Trichloroethane	6.54	97	182	0.001 ppbv #	17
34) 2-Butanone	5.24	43	1190	0.007 ppbv #	56
35) Carbon Tetrachloride	6.99	117	675	0.004 ppbv #	23
36) Benzene	6.87	78	3898	0.018 ppbv #	50
37) 1,2-Dichloroethane	6.30	62	470	0.004 ppbv #	83
38) Trichloroethene	7.81	130	88	0.001 ppbv #	45
40) 1,4-Dioxane	7.83	88	92	0.003 ppbv #	1
41) Tetrahydrofuran	6.04	42	340	0.003 ppbv #	40
42) Bromodichloromethane	7.77	83	188	0.001 ppbv #	25
43) Methyl Methacrylate	8.00	69	65	0.001 ppbv #	1
44) 2,2,4-Trimethylpentane	7.85	57	3696	0.009 ppbv #	54
45) t-1,3-Dichloropropene	8.93	75	148	0.002 ppbv	94
46) cis-1,3-Dichloropropene	8.67	75	193	0.002 ppbv #	77
47) 1,1,2-Trichloroethane	9.45	97	113	0.001 ppbv #	14
48) Dibromochloromethane	9.91	129	148	0.001 ppbv	92
49) Bromoform	12.99	173	79	0.001 ppbv #	1
50) 4-Methyl-2-Pentanone	8.72	43	168	0.001 ppbv #	40

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M

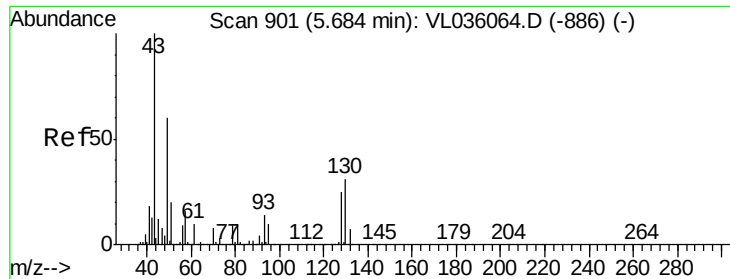
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020

QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 2-Hexanone	10.10	43	378	0.002	ppbv #	29
52) Tetrachloroethene	11.20	164	211	0.003	ppbv #	8
53) Toluene	9.79	91	31357m	0.126	ppbv	
54) 1,2-Dibromoethane	10.58	107	191	0.002	ppbv #	2
56) 1,1,1,2-Tetrachloroethane	12.11	131	99	0.001	ppbv #	8
57) Chlorobenzene	12.13	112	837	0.005	ppbv #	46
58) Ethyl Benzene	12.70	91	730	0.002	ppbv	95
59) m/p-Xylene	12.98	91	1770	0.006	ppbv #	1
60) o-Xylene	13.45	91	197	0.001	ppbv	99
61) Styrene	13.52	104	616	0.004	ppbv #	1
62) Isopropylbenzene	14.38	105	1131	0.003	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.66	83	377	0.002	ppbv #	25
64) n-propylbenzene	15.84	120	78	0.001	ppbv	81
65) tert-Butylbenzene	16.72	119	466	0.001	ppbv #	15
66) Benzyl Chloride	16.97	91	94	0.001	ppbv #	66
67) sec-Butylbenzene	17.27	105	585	0.001	ppbv #	60
69) p-Isopropyltoluene	17.62	119	68	0.000	ppbv #	46
70) n-Butylbenzene	18.52	91	223	0.001	ppbv #	33
71) 2-Chlorotoluene	15.44	91	422	0.001	ppbv	76
72) 4-Ethyltoluene	15.82	105	586	0.002	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.97	105	258	0.001	ppbv #	77
74) 1,2,4-Trimethylbenzene	16.73	105	482	0.002	ppbv #	26
75) 1,3-Dichlorobenzene	16.97	146	173	0.001	ppbv #	22
76) 1,4-Dichlorobenzene	17.13	146	292	0.002	ppbv #	26
77) 1,2-Dichlorobenzene	17.46	146	103	0.001	ppbv	98
78) Hexachloro-1,3-Butadiene	23.35	225	418	0.004	ppbv #	43
79) Naphthalene	22.20	128	188	0.001	ppbv #	67
80) Naphthalene, 2-methyl-	24.90	142	49	0.002	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.93	180	245	0.003	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

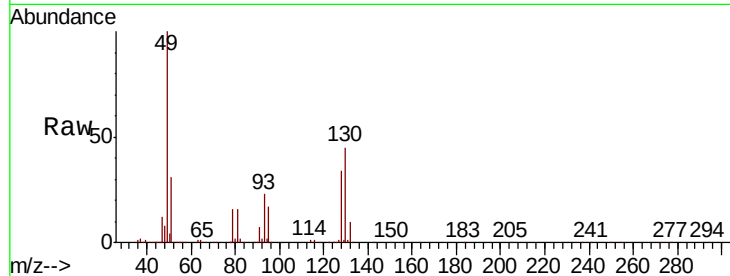
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion: 49 Resp: 1368300

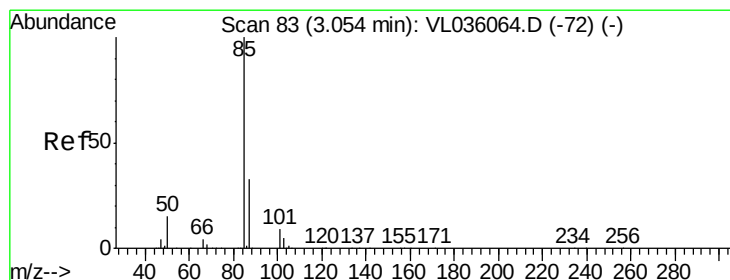
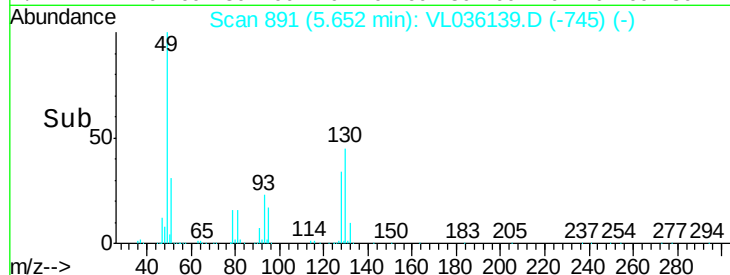
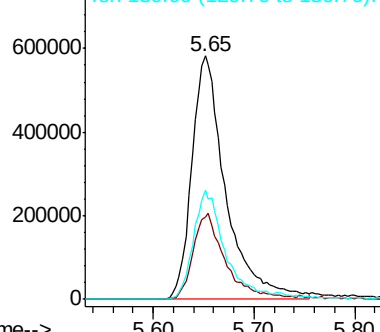
Ion	Ratio	Lower	Upper
49	100		
128	34.3	21.1	63.1
130	44.4	27.1	81.3



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: 0.001 ppbv

RT: 3.47 min Scan# 214

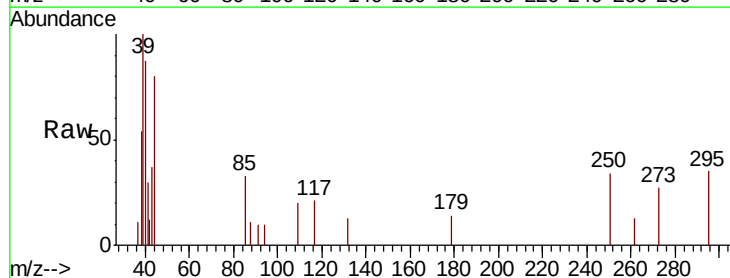
Delta R.T. 0.42 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

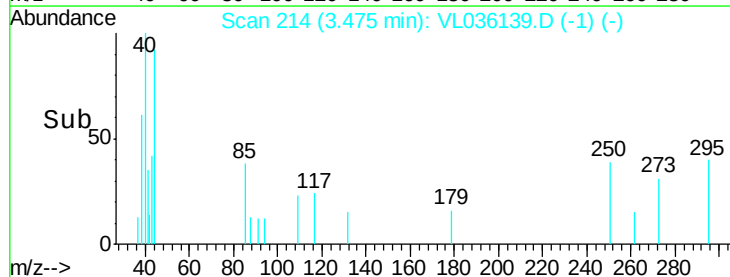
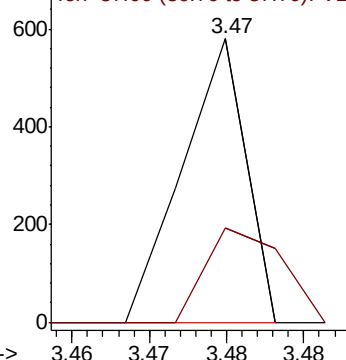
Tgt Ion: 85 Resp: 165

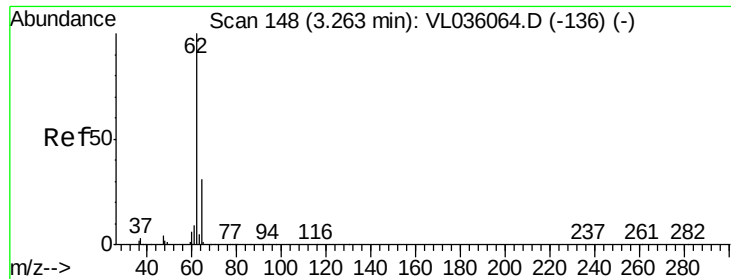
Ion	Ratio	Lower	Upper
85	100		
87	33.4	26.5	39.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#5

Vinyl Chloride

Concen: 0.001 ppbv

RT: 3.24 min Scan# 142

Delta R.T. -0.02 min

Lab File: VL036139.D

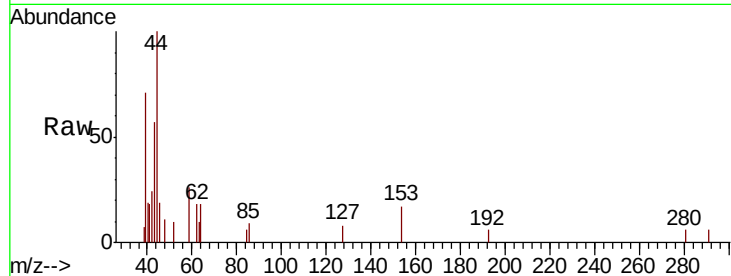
Acq: 10 Dec 2020 22:15

Tot Ion: 62 Resp: 95

Ion Ratio Lower Upper

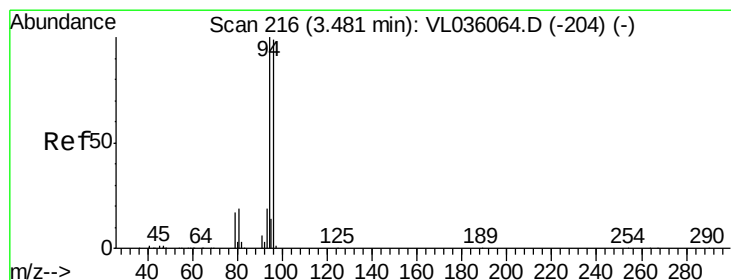
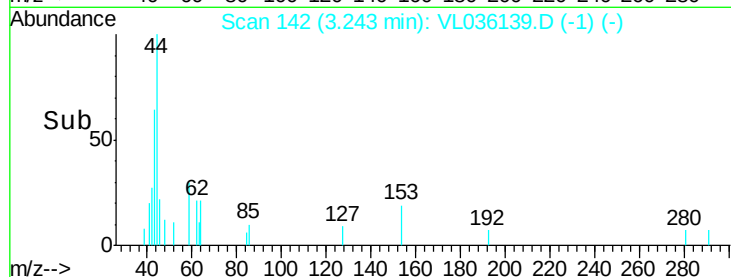
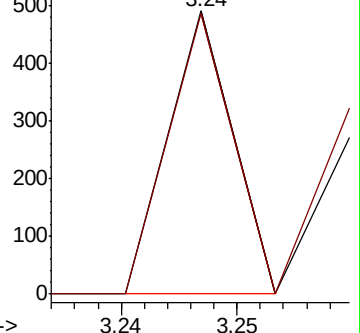
62 100

64 99.2 24.5 36.7#



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: 3.47 min Scan# 212

Delta R.T. -0.01 min

Lab File: VL036139.D

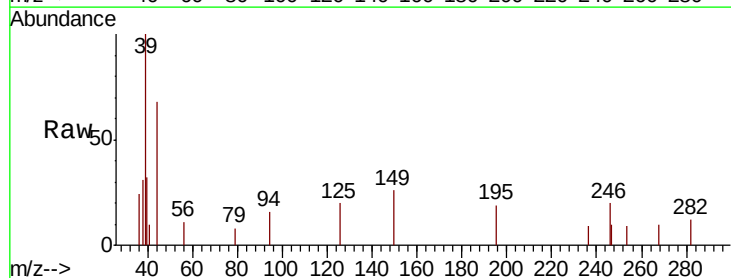
Acq: 10 Dec 2020 22:15

Tgt Ion: 94 Resp: 101

Ion Ratio Lower Upper

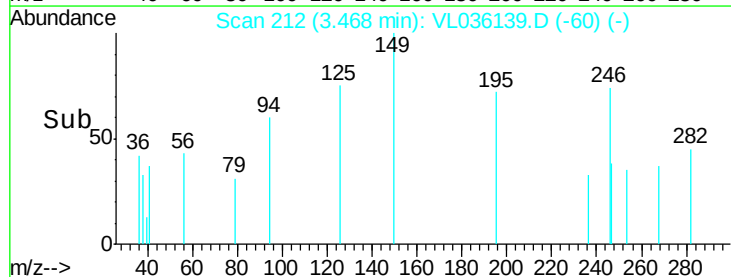
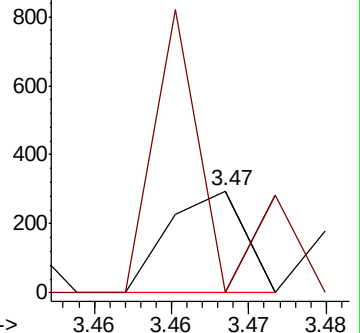
94 100

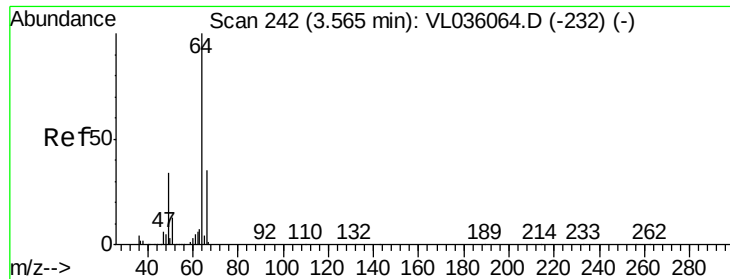
96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.007 ppbv

RT: 3.55 min Scan# 238

Delta R.T. -0.01 min

Lab File: VL036139.D

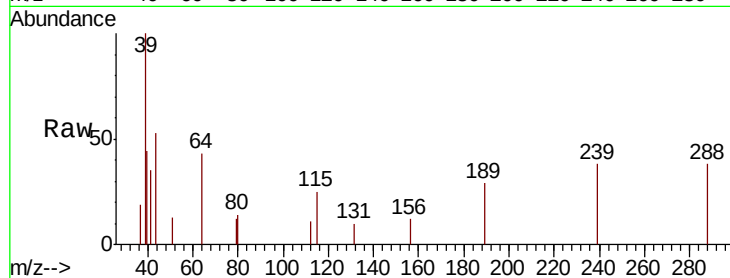
Acq: 10 Dec 2020 22:15

Tot Ion: 64 Resp: 195

Ion Ratio Lower Upper

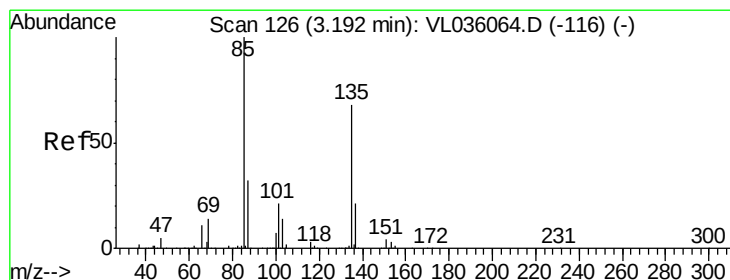
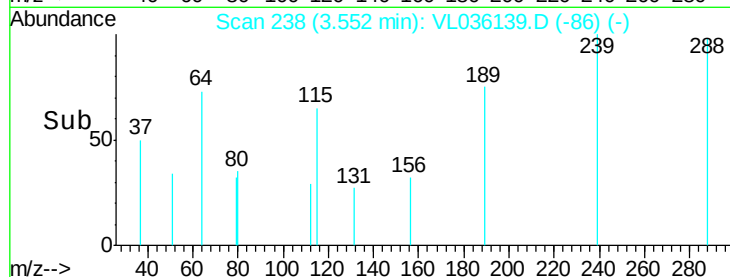
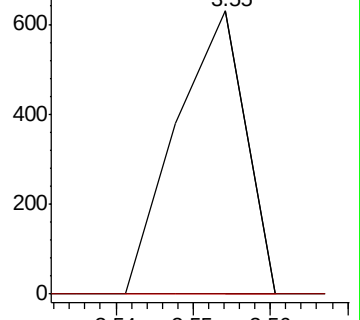
64 100

66 0.0 27.7 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#8

Dichlorotetrafluoroethane

Concen: 0.003 ppbv

RT: 3.17 min Scan# 120

Delta R.T. -0.02 min

Lab File: VL036139.D

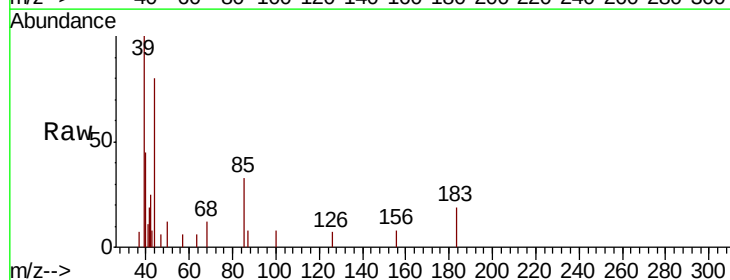
Acq: 10 Dec 2020 22:15

Tgt Ion: 85 Resp: 451

Ion Ratio Lower Upper

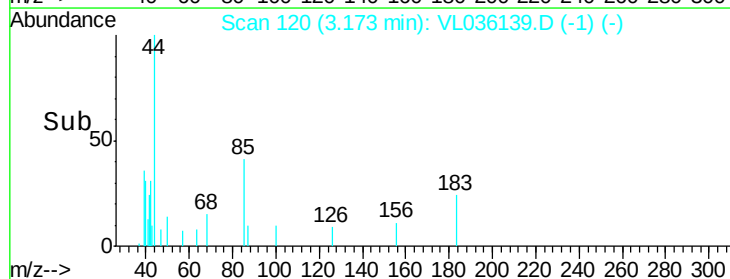
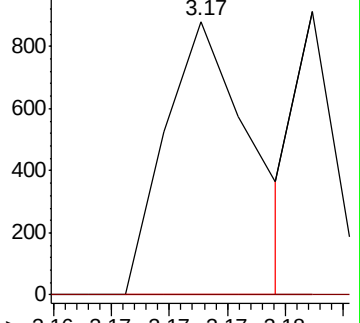
85 100

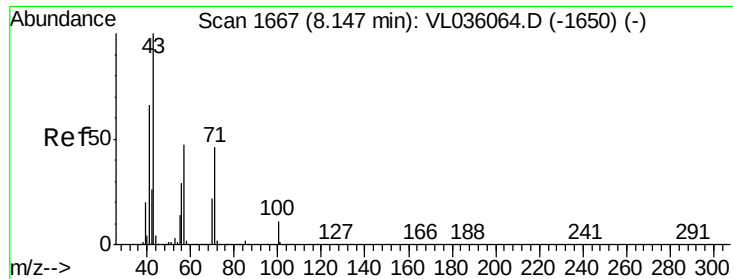
135 0.0 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): VL0





#10

Heptane

Concen: 0.003 ppbv

RT: 8.10 min Scan# 1653

Delta R.T. -0.04 min

Lab File: VL036139.D

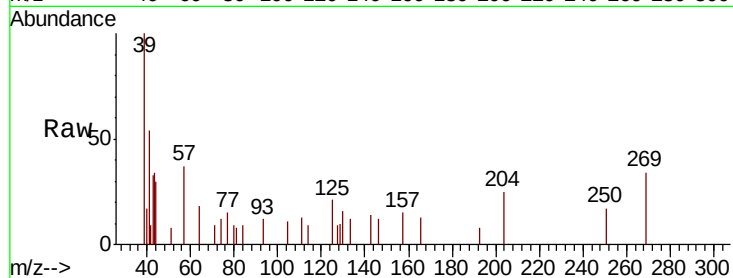
Acq: 10 Dec 2020 22:15

Tot Ion: 43 Resp: 581

Ion Ratio Lower Upper

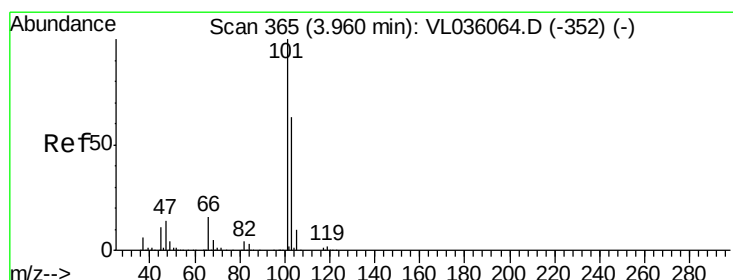
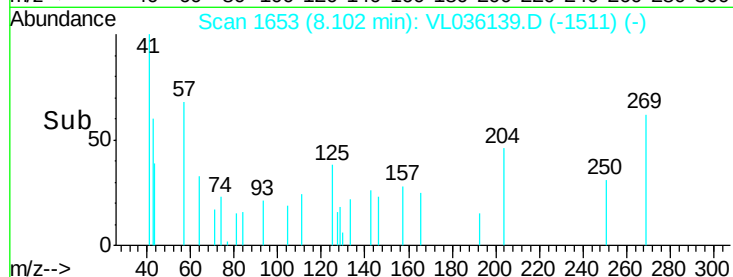
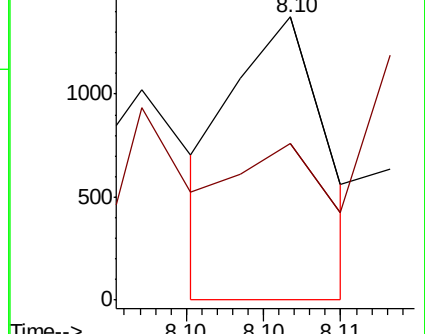
43 100

57 307.9 37.9 56.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.004 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.02 min

Lab File: VL036139.D

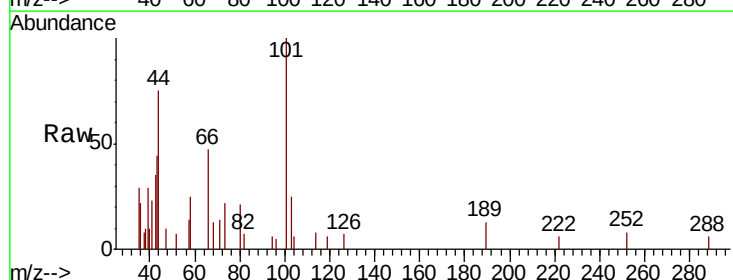
Acq: 10 Dec 2020 22:15

Tgt Ion: 101 Resp: 719

Ion Ratio Lower Upper

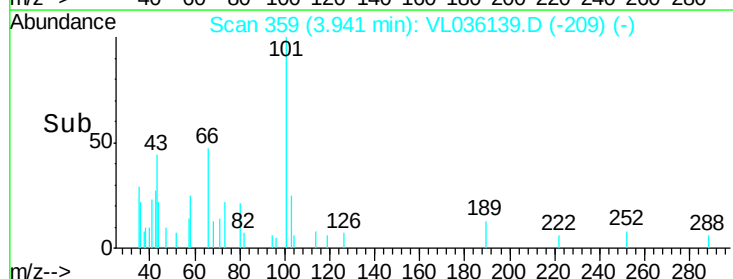
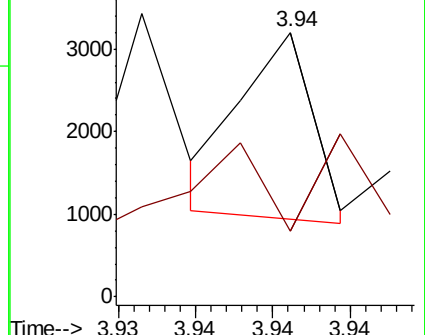
101 100

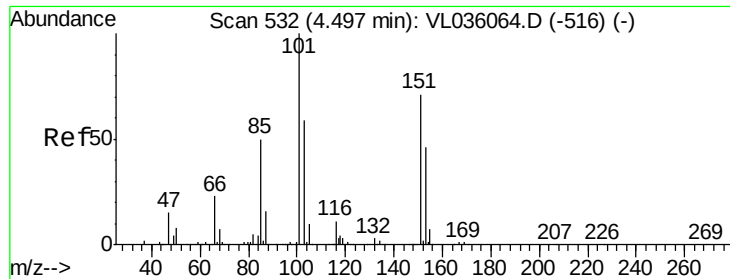
103 0.0 50.3 75.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.003 ppbv

RT: 4.48 min Scan# 526

Delta R.T. -0.02 min

Lab File: VL036139.D

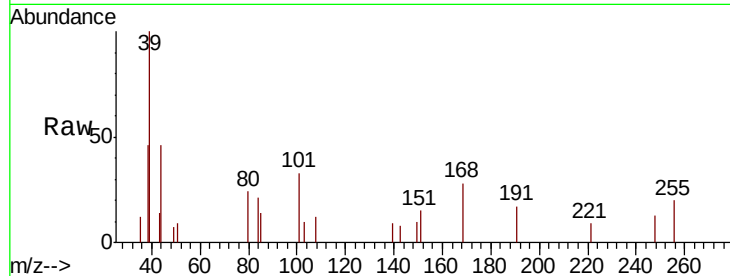
Acq: 10 Dec 2020 22:15

Tot Ion:101 Resp: 376

Ion Ratio Lower Upper

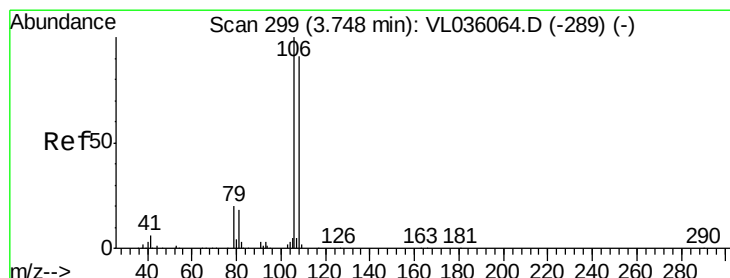
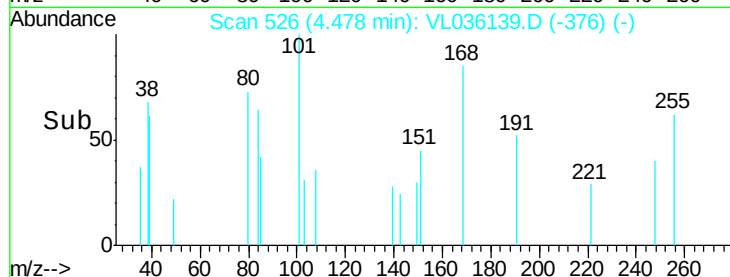
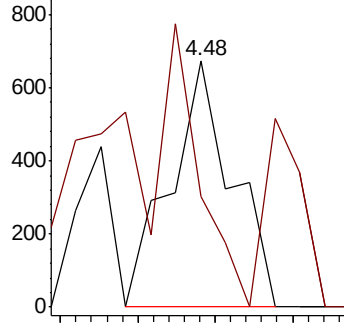
101 100

151 245.2 59.3 88.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#14

Bromoethene

Concen: 0.006 ppbv

RT: 3.73 min Scan# 293

Delta R.T. -0.02 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

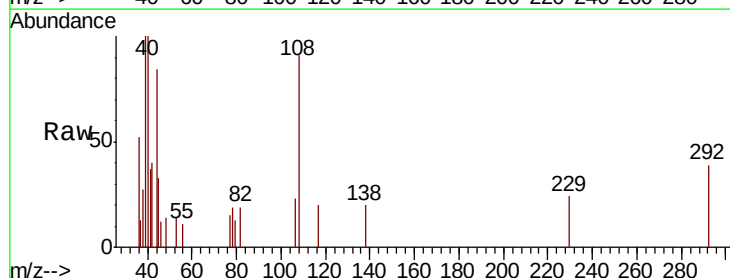
Tgt Ion:108 Resp: 335

Ion Ratio Lower Upper

108 100

106 63.0 91.0 136.4#

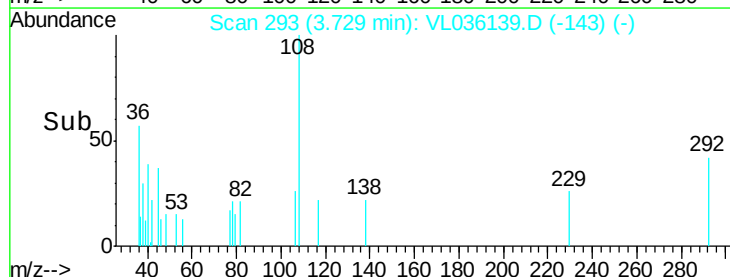
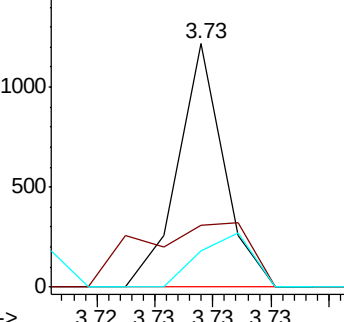
79 32.5 19.3 28.9#

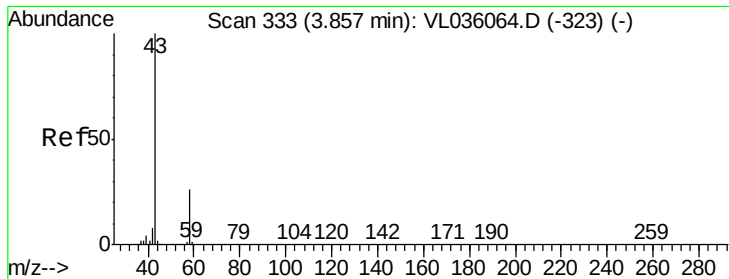


Abundance Ion 108.00 (107.70 to 108.70): V

Ion 106.00 (105.70 to 106.70): V

Ion 79.00 (78.70 to 79.70): VL0





#15

Acetone

Concen: 0.443 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL036139.D

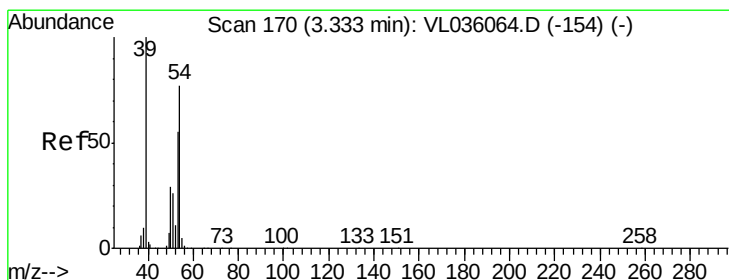
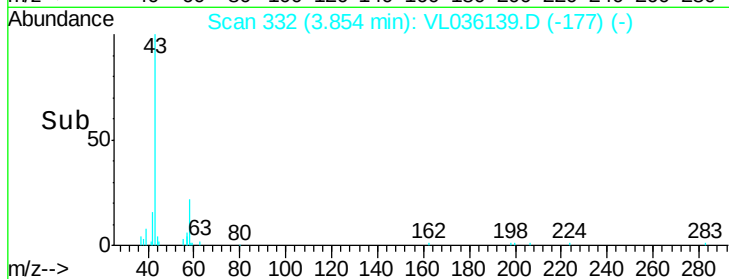
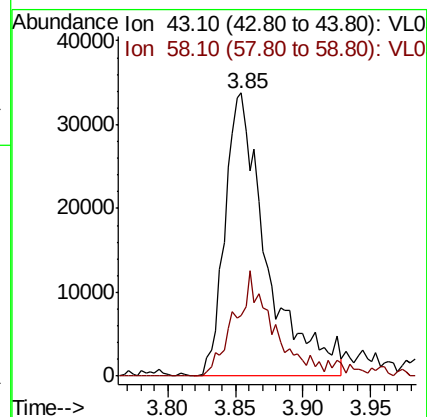
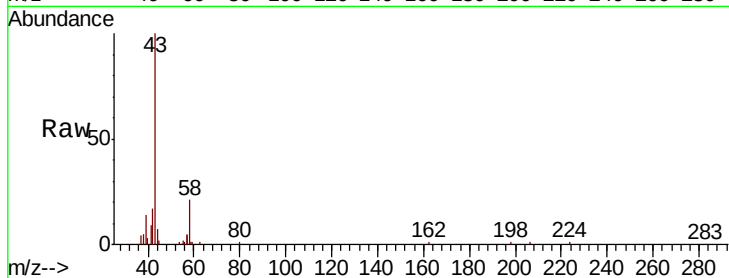
Acq: 10 Dec 2020 22:15

Tot Ion: 43 Resp: 72899

Ion Ratio Lower Upper

43 100

58 33.4 20.9 31.3#



#16

1,3-Butadiene

Concen: 0.006 ppbv

RT: 3.31 min Scan# 162

Delta R.T. -0.03 min

Lab File: VL036139.D

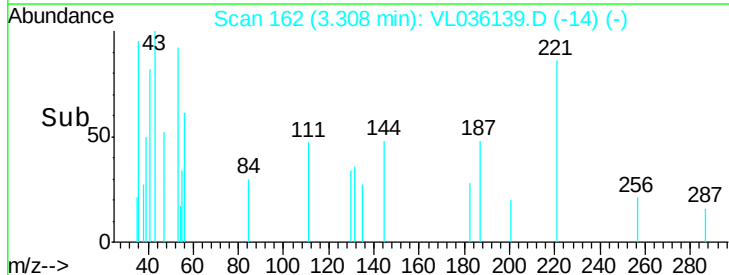
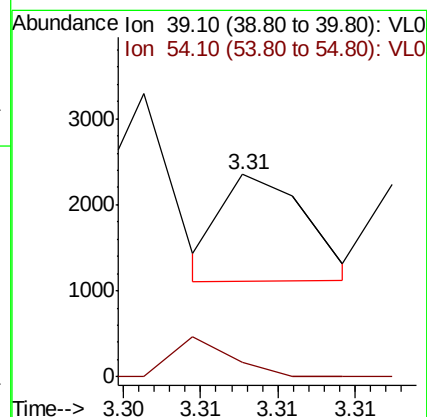
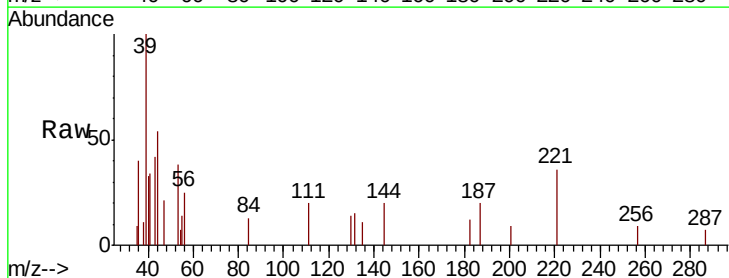
Acq: 10 Dec 2020 22:15

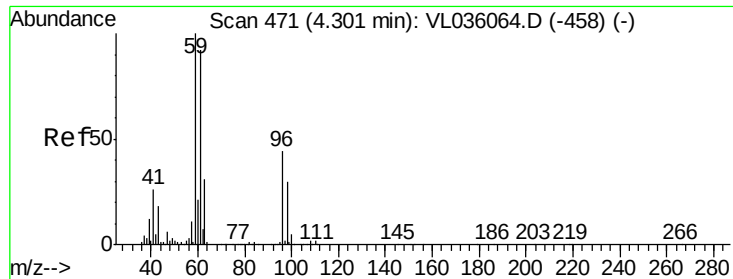
Tgt Ion: 39 Resp: 470

Ion Ratio Lower Upper

39 100

54 0.0 62.1 93.1#

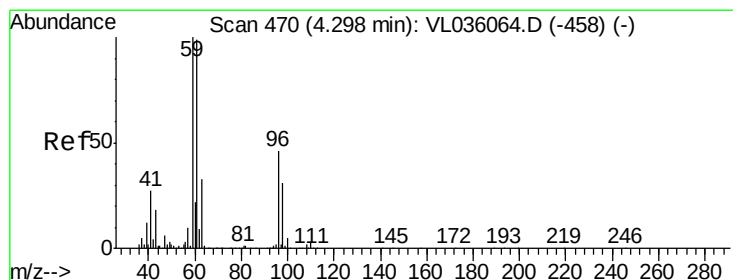
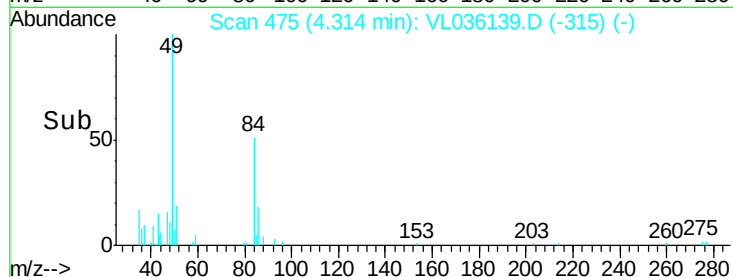
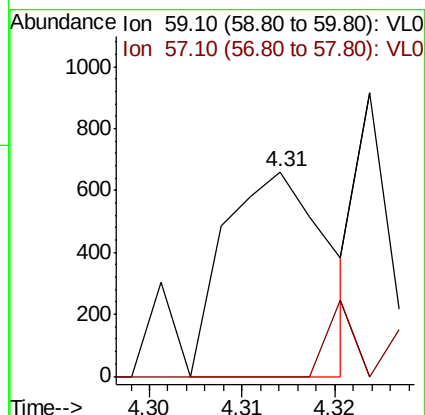
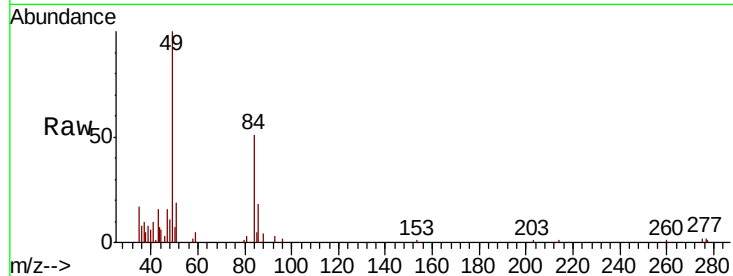




#17

tert-Butyl alcohol
Concen: 0.003 ppbv
RT: 4.31 min Scan# 475
Delta R.T. 0.01 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

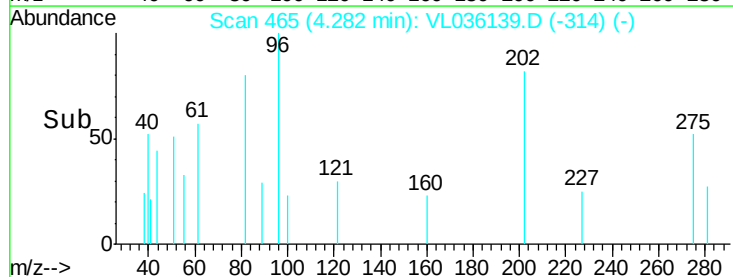
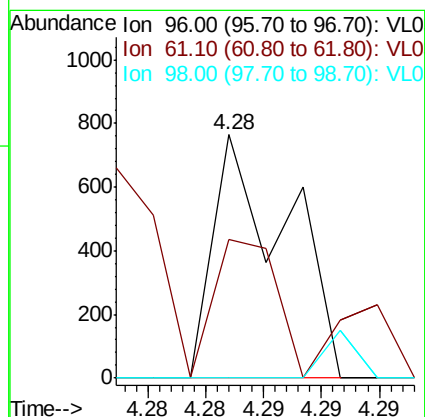
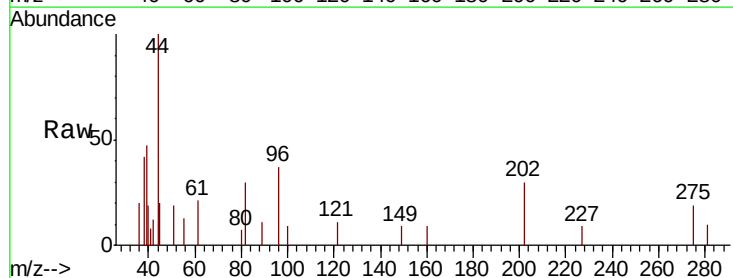
Tot Ion: 59 Resp: 506
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

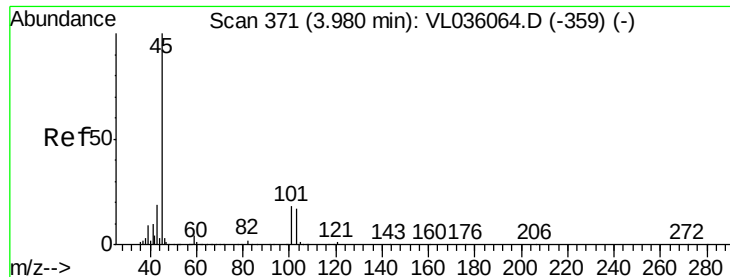


#18

1,1-Dichloroethene
Concen: 0.006 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 96 Resp: 334
Ion Ratio Lower Upper
96 100
61 57.0 171.4 257.2#
98 0.0 54.2 81.2#





#19

Isopropyl Alcohol

Concen: 0.009 ppbv

RT: 3.97 min Scan# 369

Delta R.T. -0.01 min

Lab File: VL036139.D

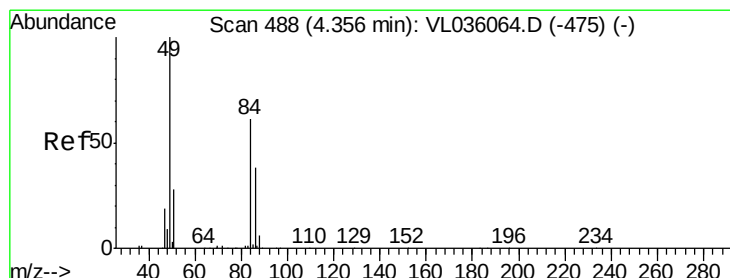
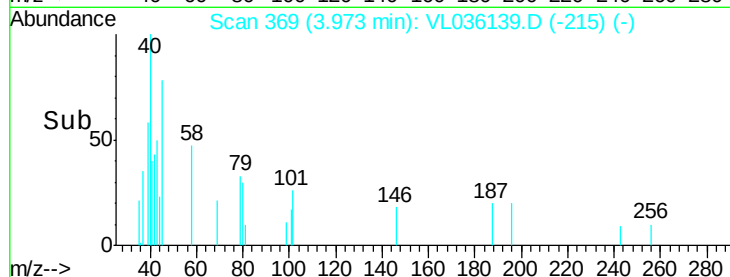
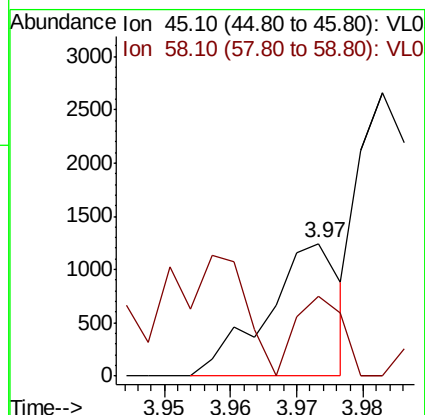
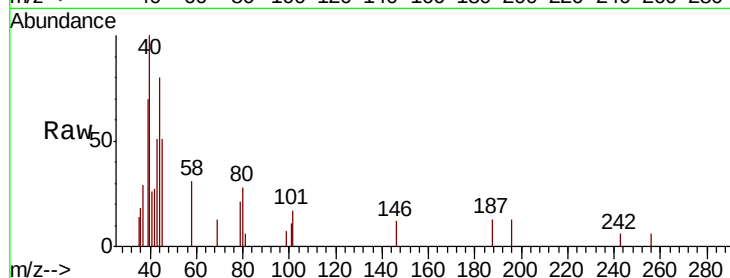
Acq: 10 Dec 2020 22:15

Tot Ion: 45 Resp: 948

Ion Ratio Lower Upper

45 100

58 210.4 0.0 0.0#



#20

Methylene Chloride

Concen: 0.700 ppbv

RT: 4.33 min Scan# 480

Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion: 84 Resp: 47144

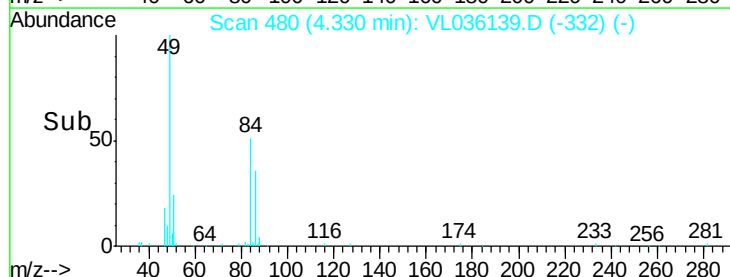
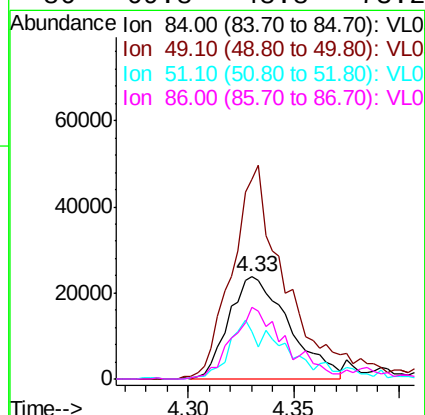
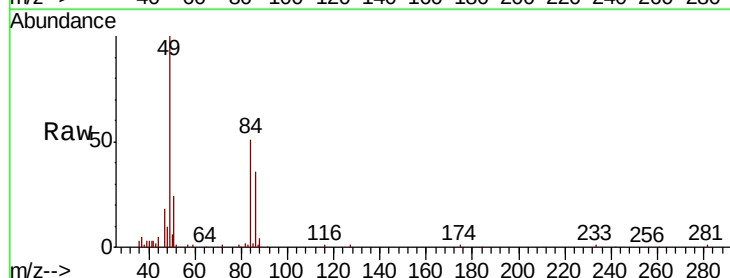
Ion Ratio Lower Upper

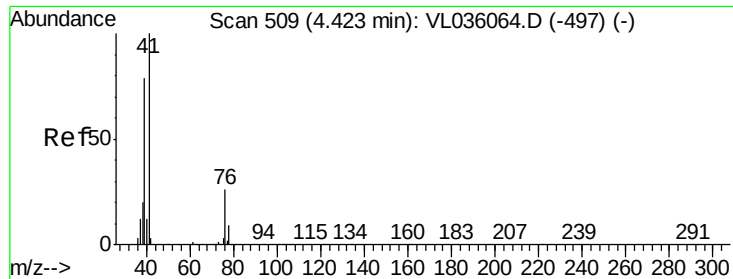
84 100

49 193.2 133.0 199.4

51 45.7 38.9 58.3

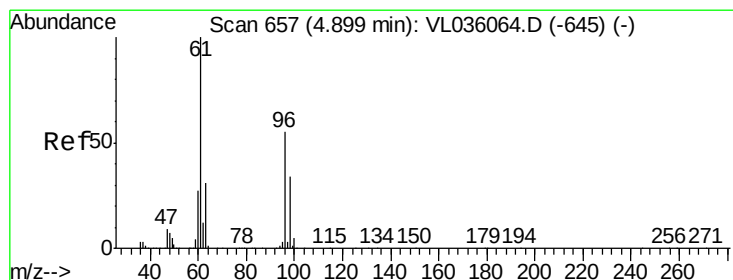
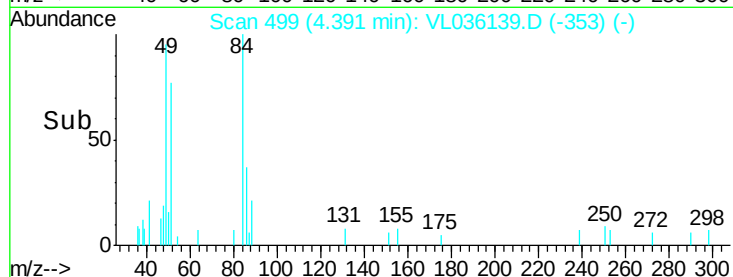
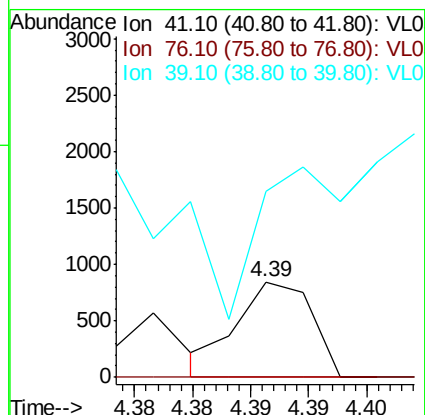
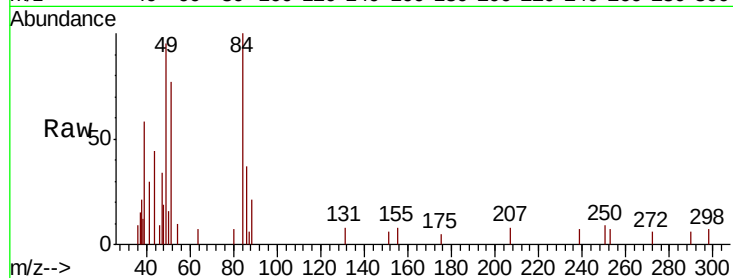
86 69.8 48.8 73.2





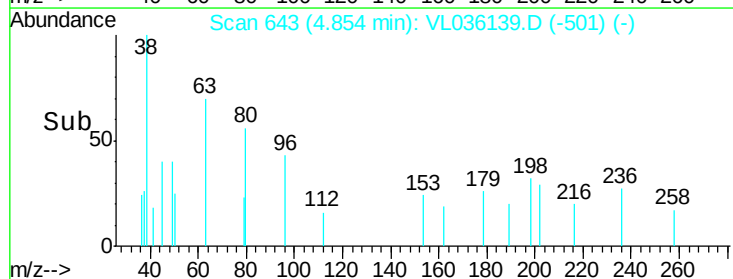
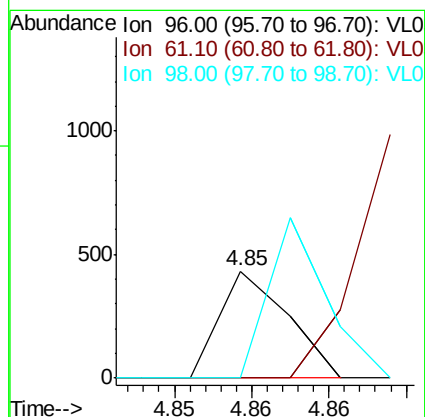
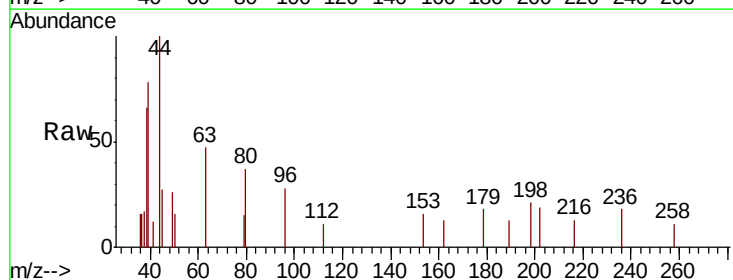
#21
Allvl Chloride
Concen: 0.003 ppbv
RT: 4.39 min Scan# 499
Delta R.T. -0.03 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

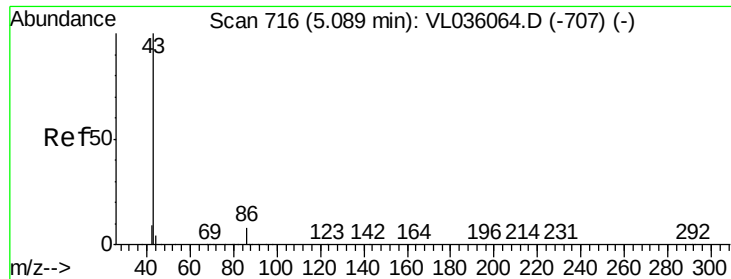
Tot Ion: 41 Resp: 379
Ion Ratio Lower Upper
41 100
76 0.0 21.0 31.4#
39 1048.0 66.0 99.0#



#22
trans-1,2-Dichloroethene
Concen: 0.002 ppbv
RT: 4.85 min Scan# 643
Delta R.T. -0.04 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 96 Resp: 131
Ion Ratio Lower Upper
96 100
61 0.0 145.7 218.5#
98 0.0 49.2 73.8#





#23

Vinyl Acetate

Concen: 0.005 ppbv

RT: 5.06 min Scan# 707

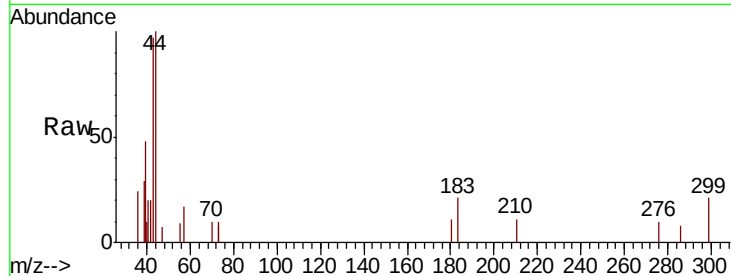
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion: 43 Resp: 1106

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.4#
42	47.8	7.8	11.6#
44	185.1	3.2	4.8#



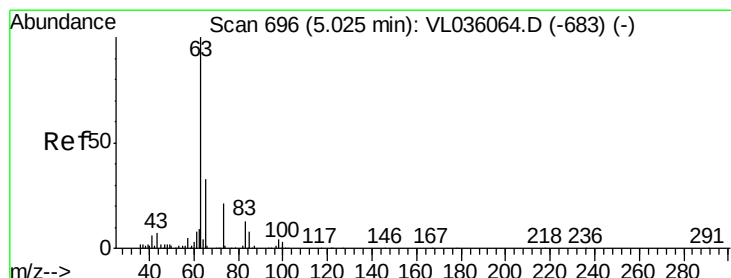
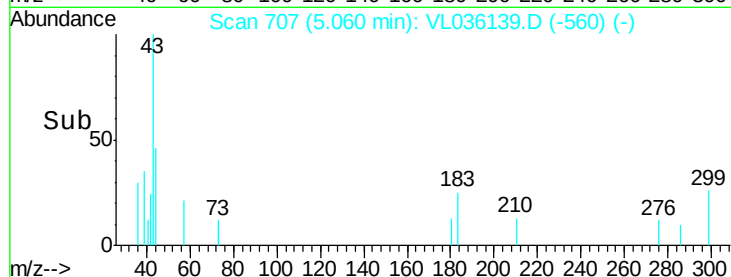
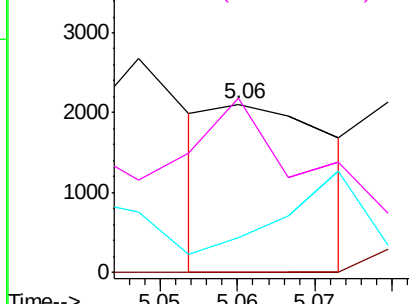
Abundance

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: 0.003 ppbv

RT: 5.00 min Scan# 687

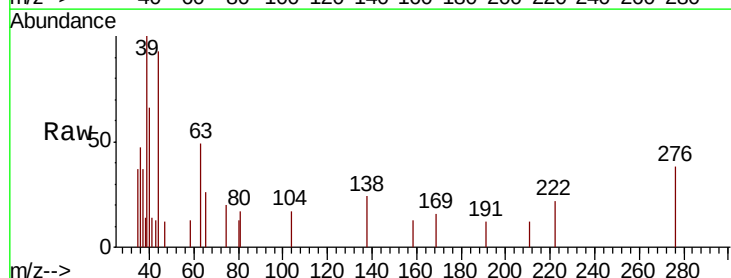
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion: 63 Resp: 413

Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#

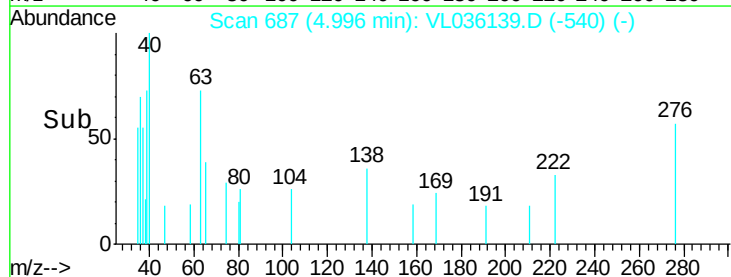
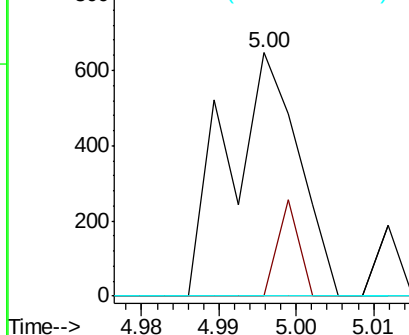


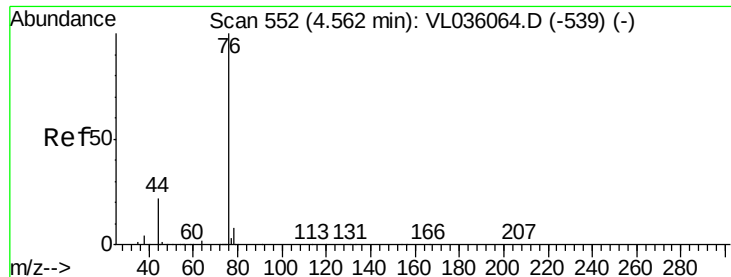
Abundance

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





#27

Carbon Disulfide

Concen: 0.003 ppbv

RT: 4.53 min Scan# 543

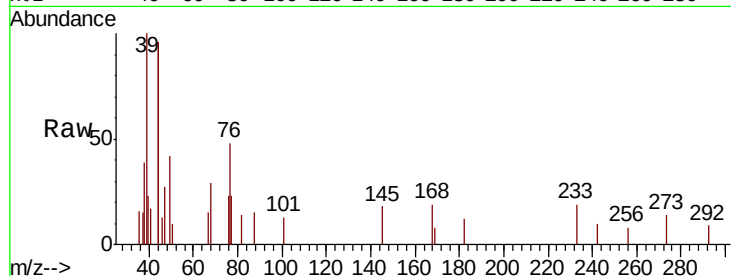
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion: 76 Resp: 469

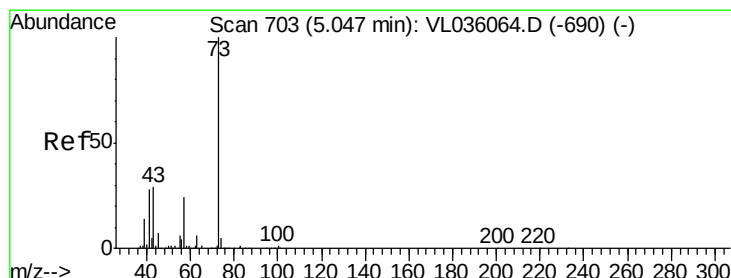
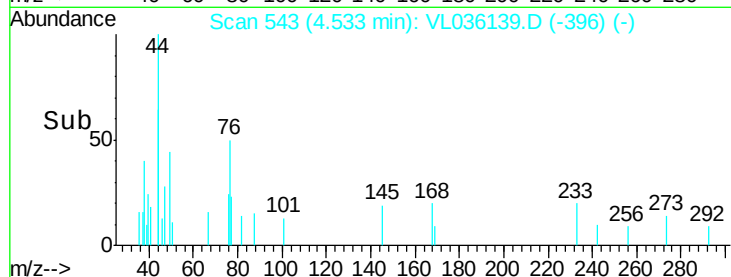
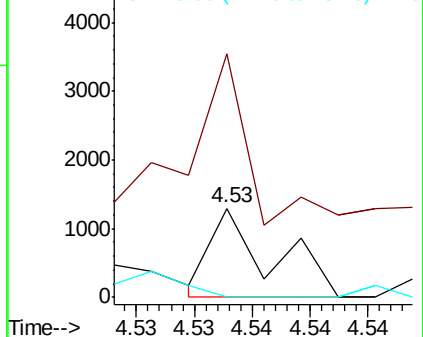
Ion	Ratio	Lower	Upper
76	100		
44	309.4	17.9	26.9#
78	0.0	7.8	11.8#



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: 0.000 ppbv

RT: 5.02 min Scan# 693

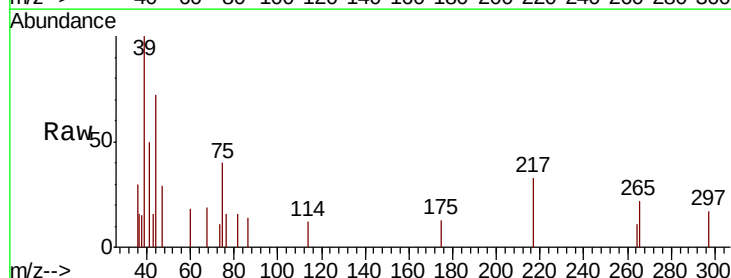
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

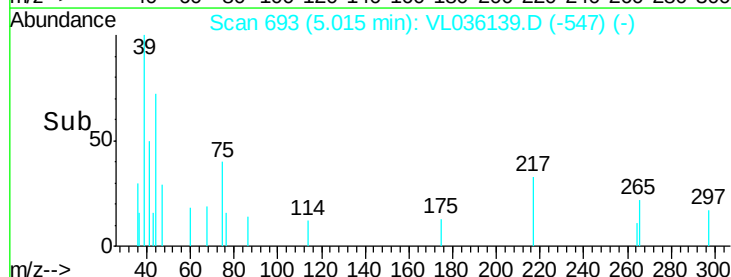
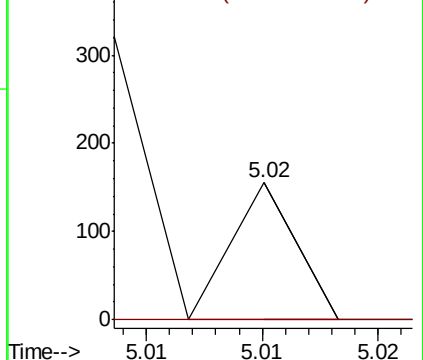
Tgt Ion: 73 Resp: 30

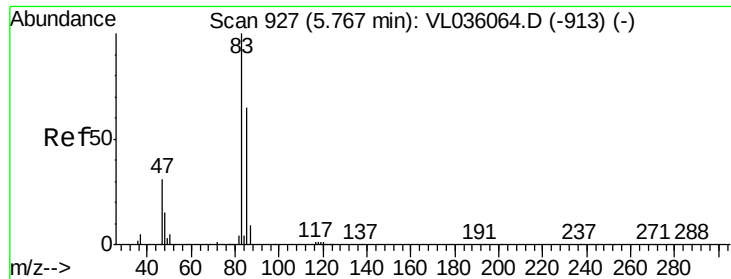
Ion	Ratio	Lower	Upper
73	100		
57	0.0	19.2	28.8#



Abundance Ion 73.10 (72.80 to 73.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.004 ppbv

RT: 5.74 min Scan# 917

Delta R.T. -0.03 min

Lab File: VL036139.D

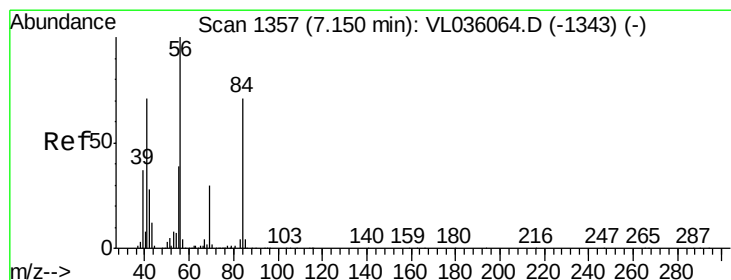
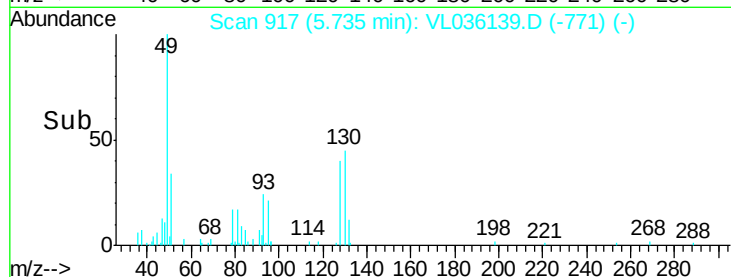
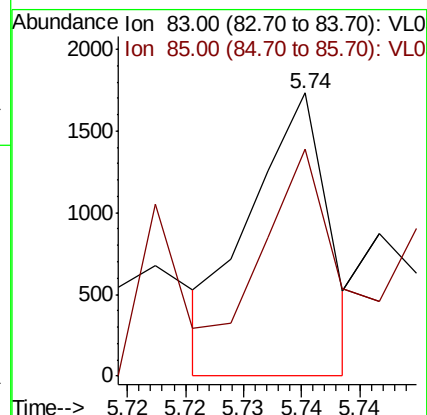
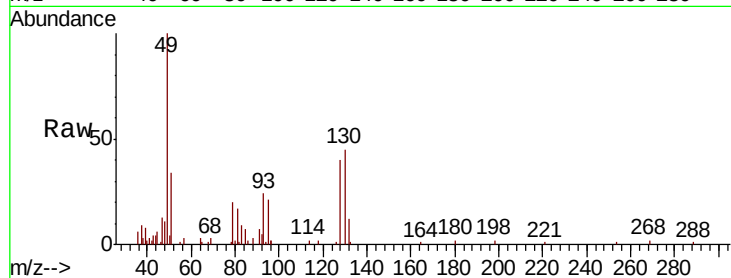
Acq: 10 Dec 2020 22:15

Tot Ion: 83 Resp: 814

Ion Ratio Lower Upper

83 100

85 118.6 51.8 77.6#



#30

Cyclohexane

Concen: 0.001 ppbv

RT: 7.11 min Scan# 1344

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

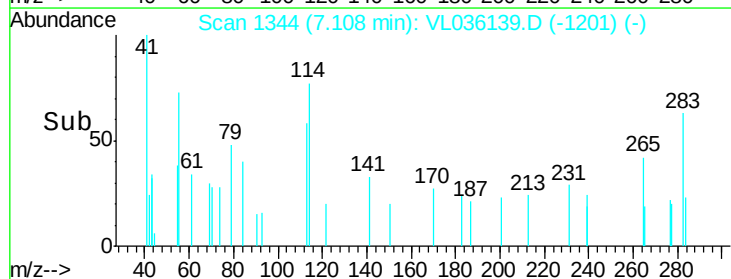
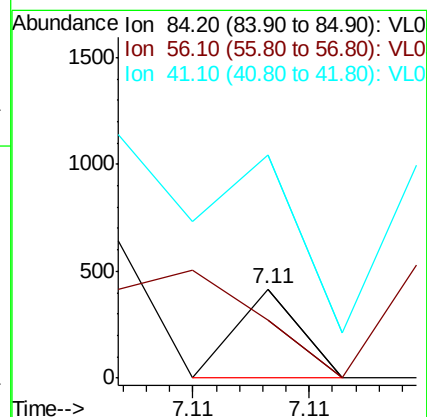
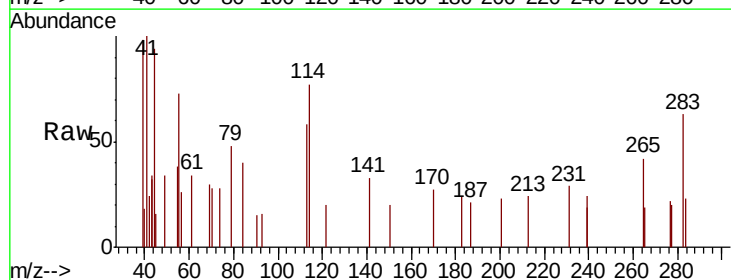
Tgt Ion: 84 Resp: 80

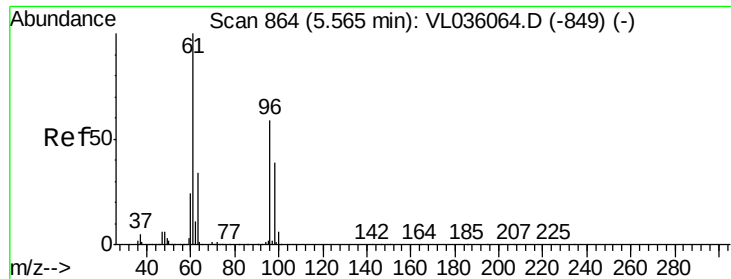
Ion Ratio Lower Upper

84 100

56 0.0 128.0 192.0#

41 0.0 81.3 121.9#

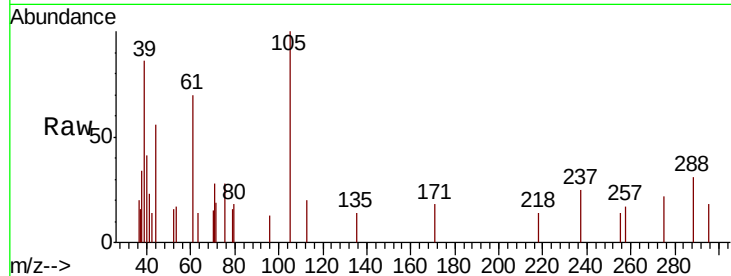




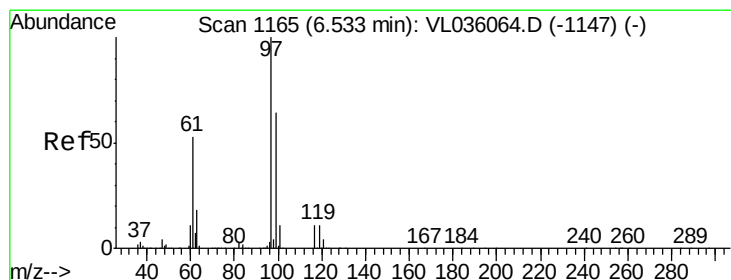
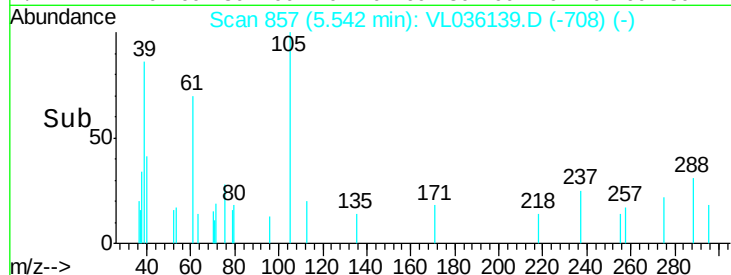
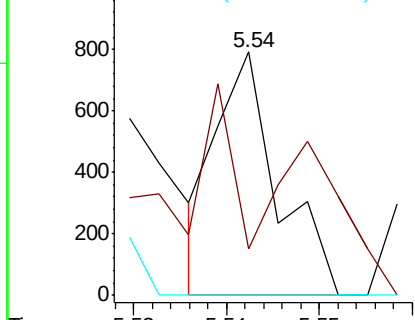
#31

cis-1,2-Dichloroethene
 Concen: 0.003 ppbv
 RT: 5.54 min Scan# 857
 Delta R.T. -0.02 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Tot Ion	Ratio	Lower	Upper
61	100		
96	0.0	47.3	70.9#
98	0.0	31.4	47.0#



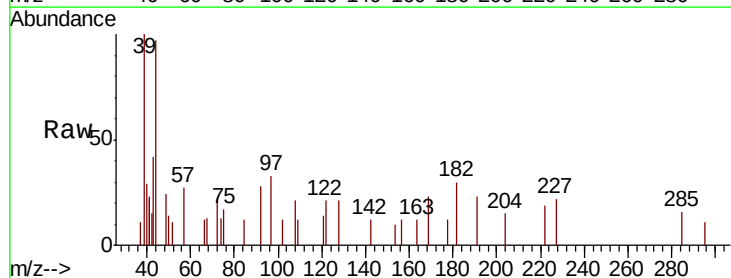
Abundance Ion 61.10 (60.80 to 61.80): VL0
 Ion 96.00 (95.70 to 96.70): VL0
 Ion 98.00 (97.70 to 98.70): VL0



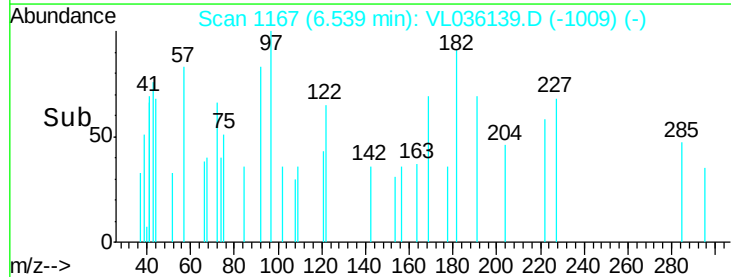
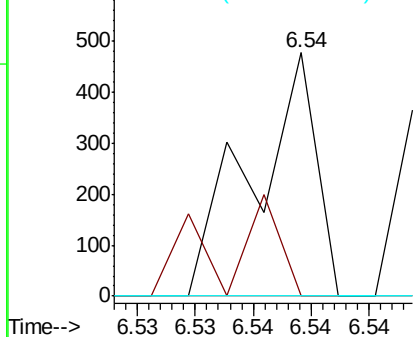
#32

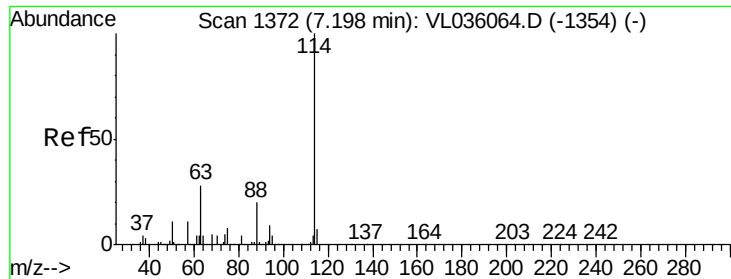
1,1,1-Trichloroethane
 Concen: 0.001 ppbv
 RT: 6.54 min Scan# 1167
 Delta R.T. 0.01 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	152.2	52.4	78.6#
61	90.7	43.4	65.0#



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: 7.16 min Scan# 1360

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

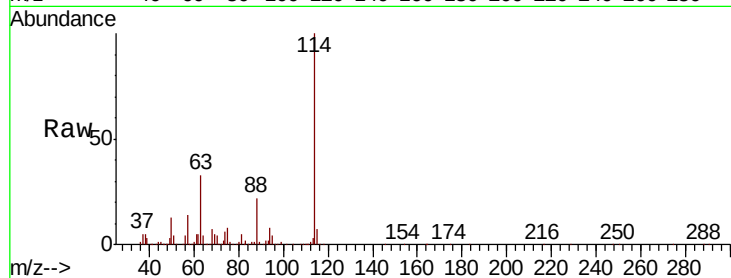
Tot Ion: 114 Resp: 2621019

Ion Ratio Lower Upper

114 100

63 33.6 23.6 35.4

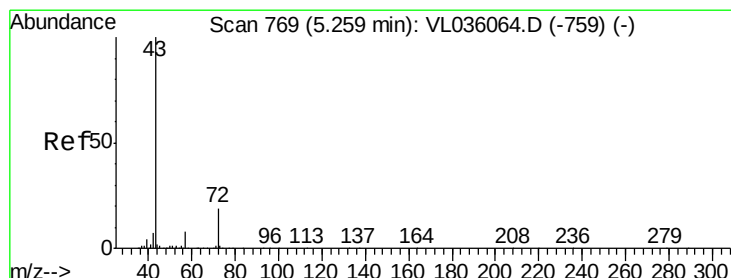
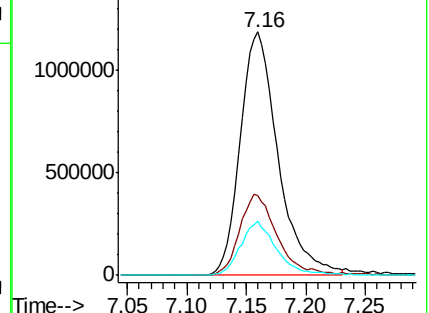
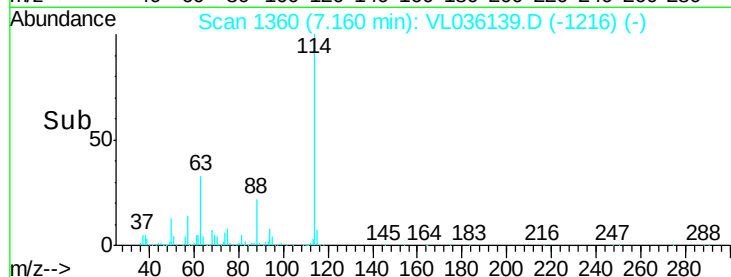
88 21.5 15.8 23.6



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: 0.007 ppbv

RT: 5.24 min Scan# 762

Delta R.T. -0.02 min

Lab File: VL036139.D

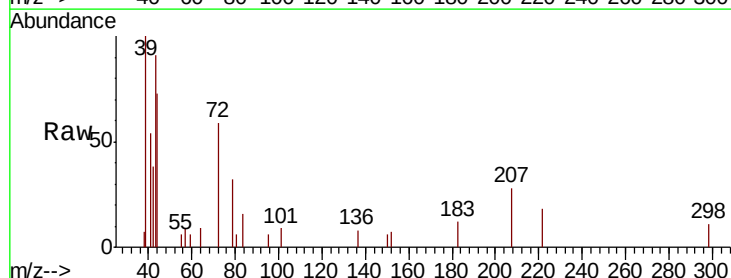
Acq: 10 Dec 2020 22:15

Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

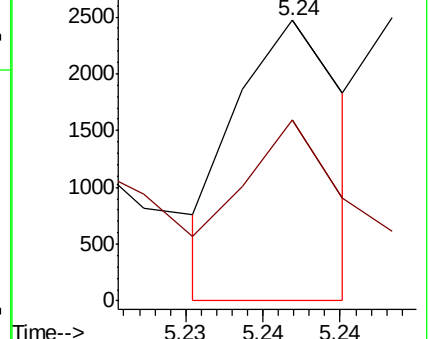
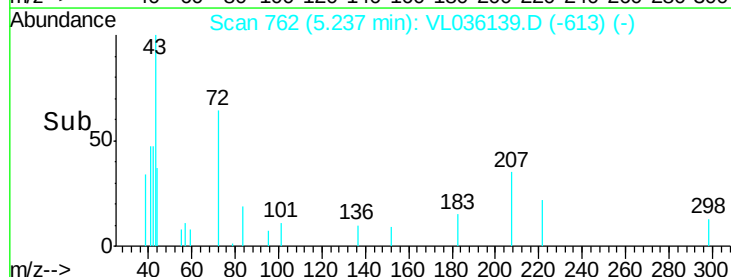
43 100

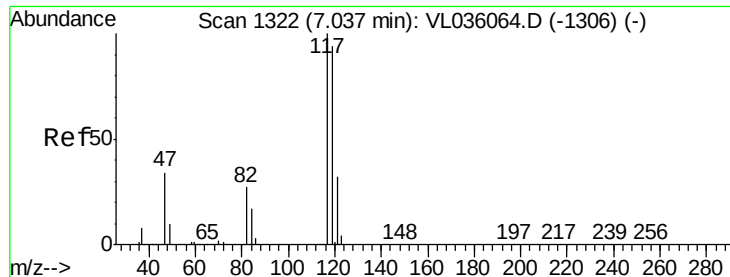
72 0.0 16.5 24.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0





#35

Carbon Tetrachloride

Concen: 0.004 ppbv

RT: 6.99 min Scan# 1308

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

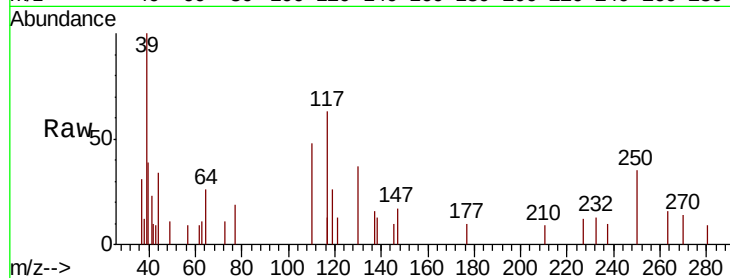
Tot Ion: 117 Resp: 675

Ion Ratio Lower Upper

117 100

119 0.6 75.1 112.7#

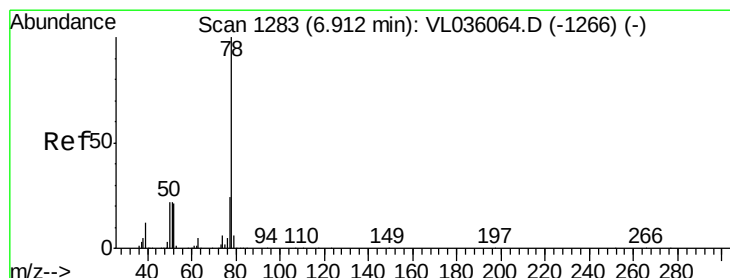
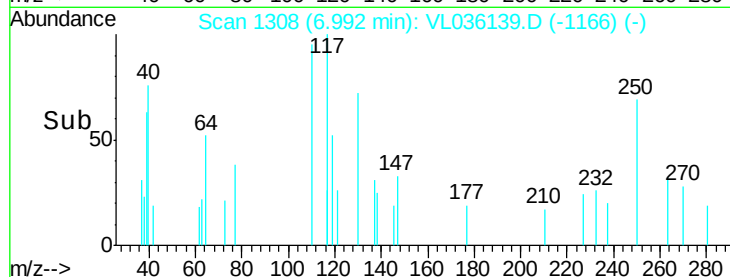
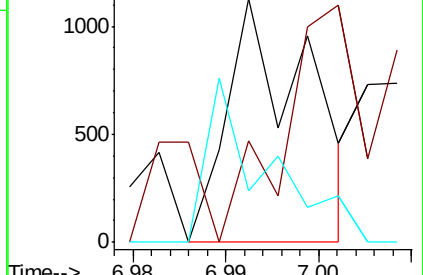
121 21.1 25.6 38.4#



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: 0.018 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

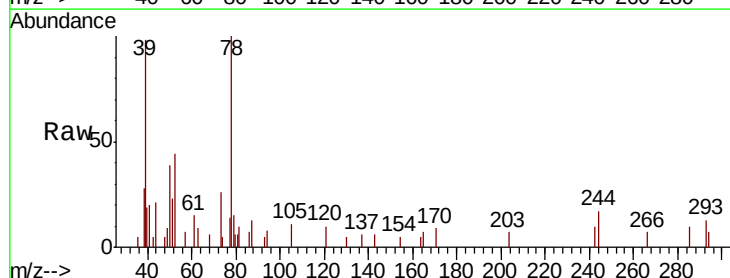
Tgt Ion: 78 Resp: 3898

Ion Ratio Lower Upper

78 100

77 4.8 19.4 29.2#

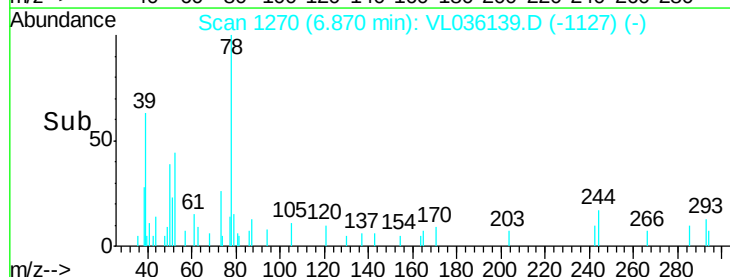
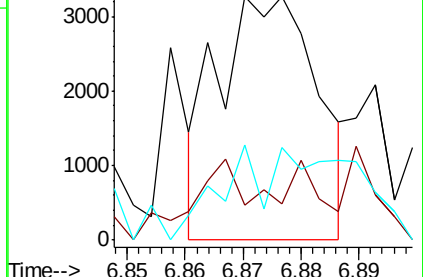
50 51.7 17.8 26.8#

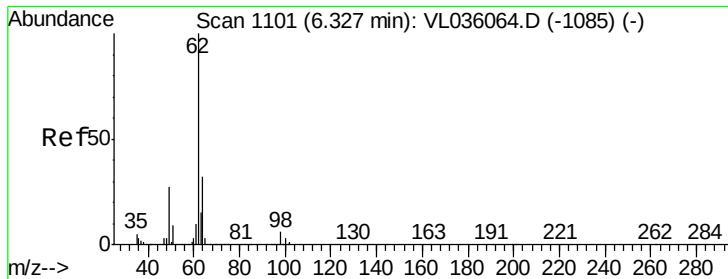


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#37

1,2-Dichloroethane

Concen: 0.004 ppbv

RT: 6.30 min Scan# 1092

Delta R.T. -0.03 min

Lab File: VL036139.D

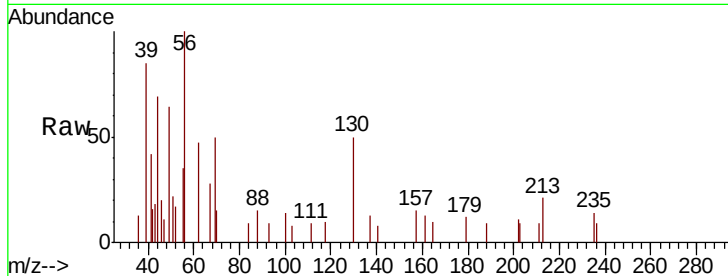
Acq: 10 Dec 2020 22:15

Tot Ion: 62 Resp: 470

Ion Ratio Lower Upper

62 100

98 0.0 4.6 7.0#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

1500

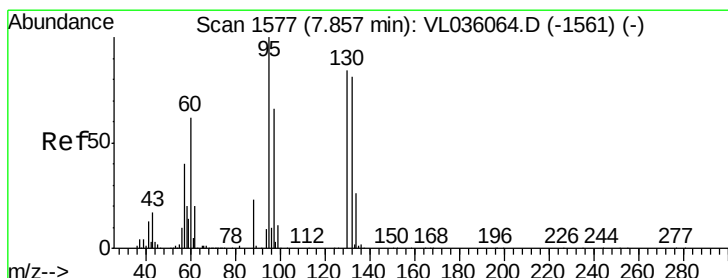
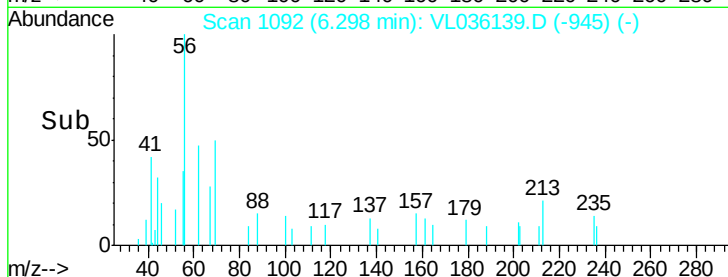
1000

500

0

6.29 6.29 6.29 6.30 6.30

Time-->



#38

Trichloroethene

Concen: 0.001 ppbv

RT: 7.81 min Scan# 1563

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion: 130 Resp: 88

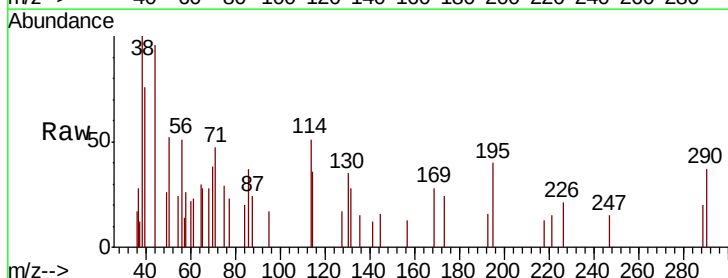
Ion Ratio Lower Upper

130 100

95 48.8 95.2 142.8#

132 80.7 76.9 115.3

97 0.0 62.3 93.5#



Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0

2000

1500

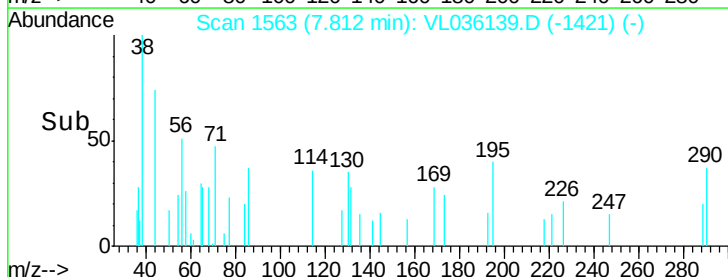
1000

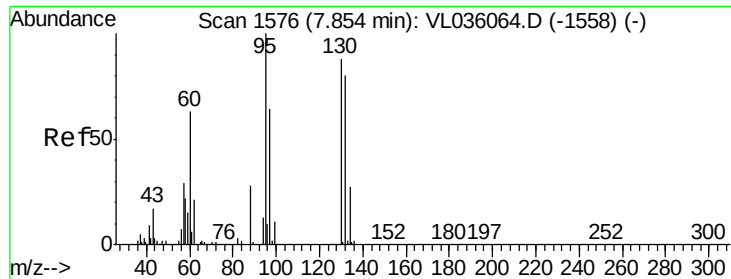
500

0

7.81 7.81 7.82

Time-->





#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.83 min Scan# 1567

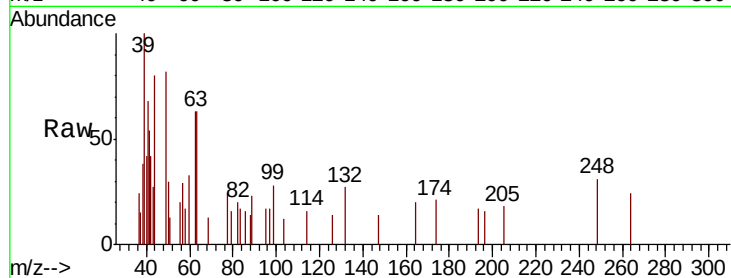
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion: 88 Resp: 92

Ion	Ratio	Lower	Upper
88	100		
58	0.0	122.6	184.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0

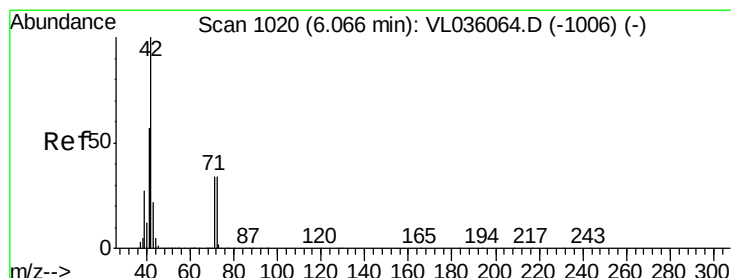
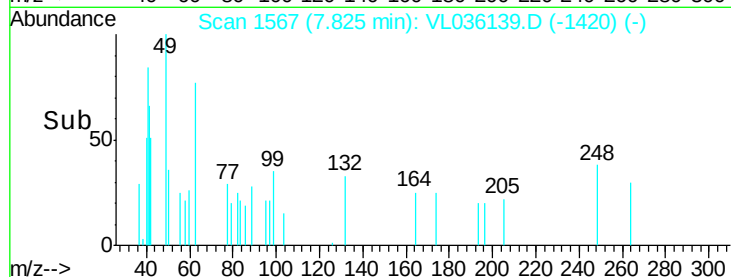
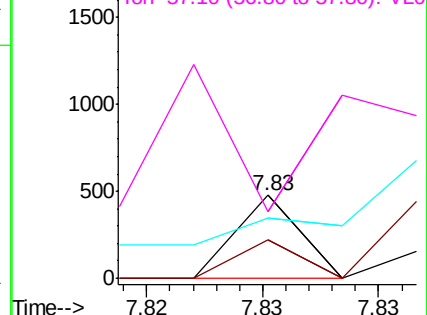


Abundance Ion 88.10 (87.80 to 88.80): VL0

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: 0.003 ppbv

RT: 6.04 min Scan# 1012

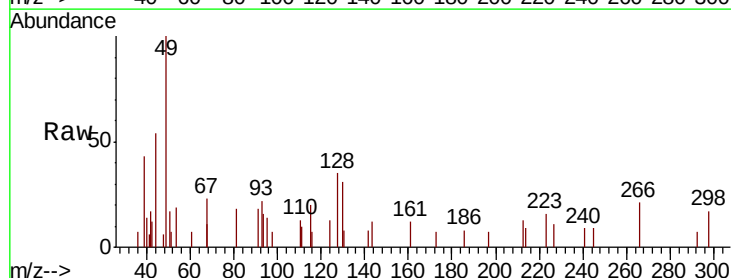
Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion: 42 Resp: 340

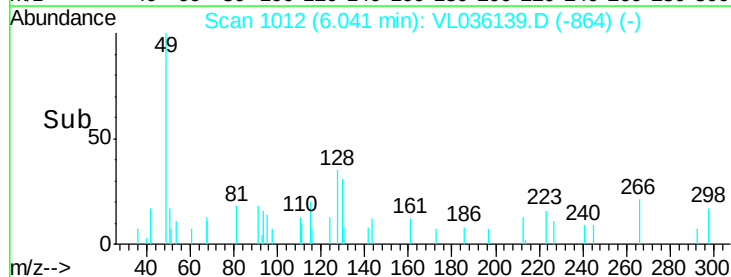
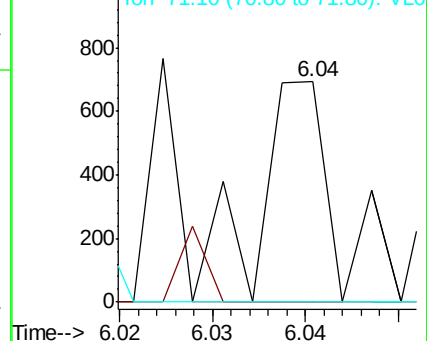
Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.3	42.5#
71	0.0	27.3	40.9#

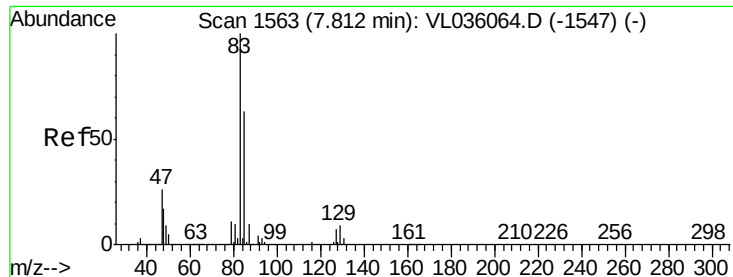


Abundance Ion 42.10 (41.80 to 42.80): VL0

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: 7.77 min Scan# 1550

Delta R.T. -0.04 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

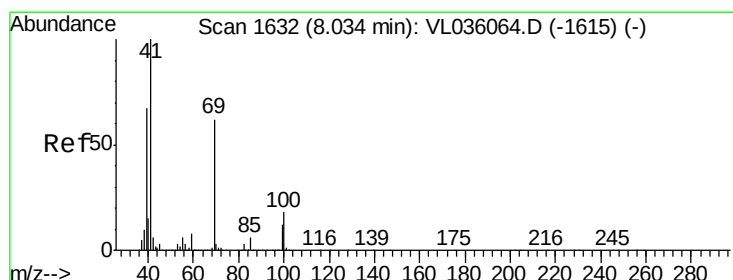
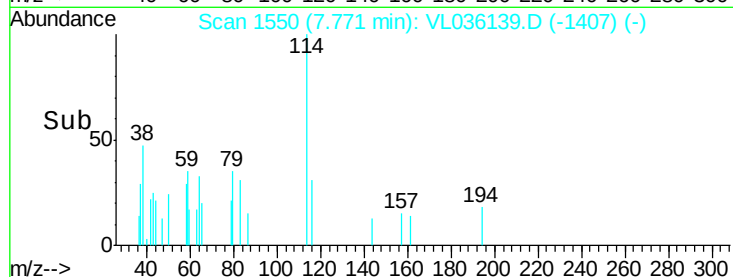
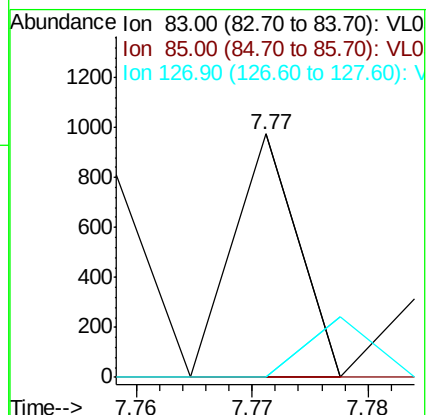
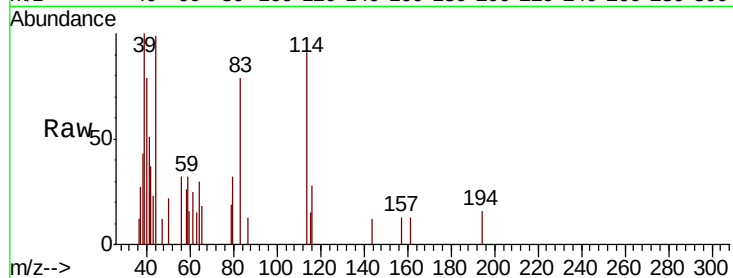
Tot Ion: 83 Resp: 188

Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.2#

127 0.0 5.5 8.3#



#43

Methyl Methacrylate

Concen: 0.001 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. -0.03 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

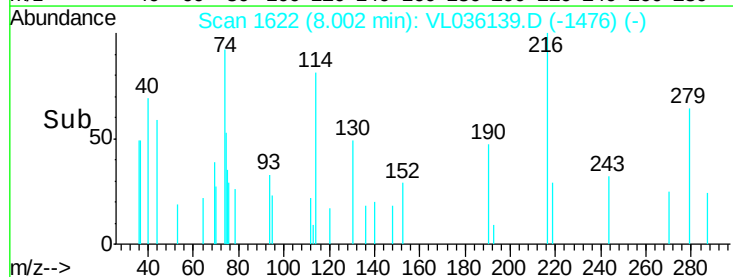
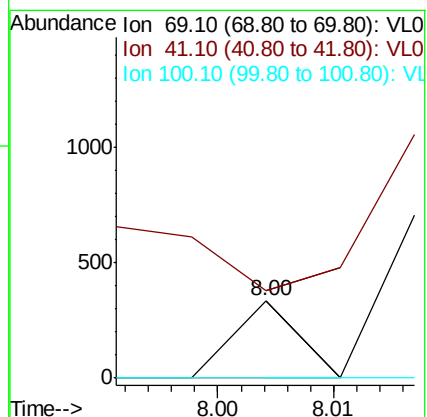
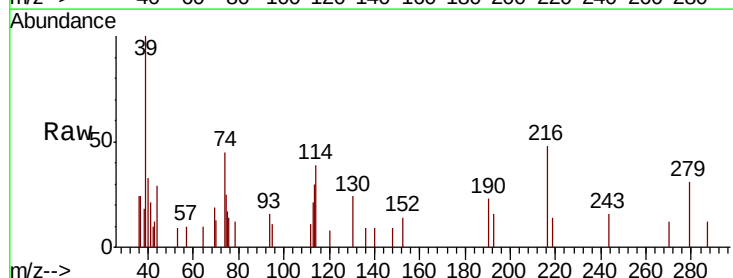
Tgt Ion: 69 Resp: 65

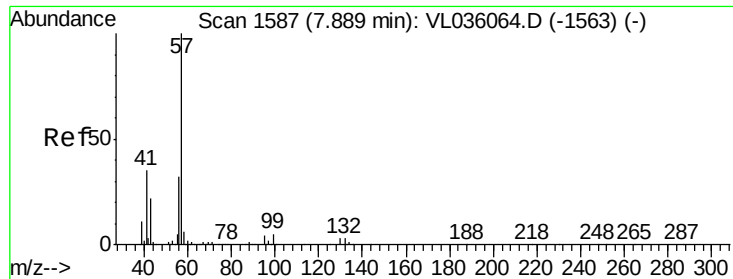
Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

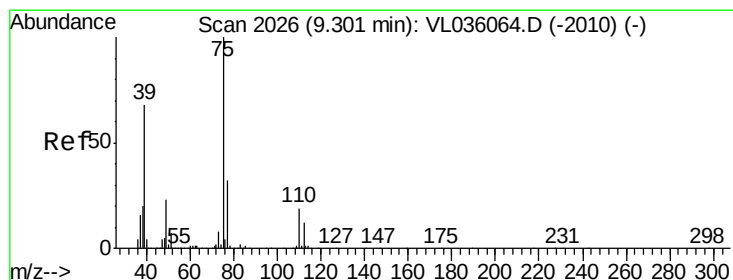
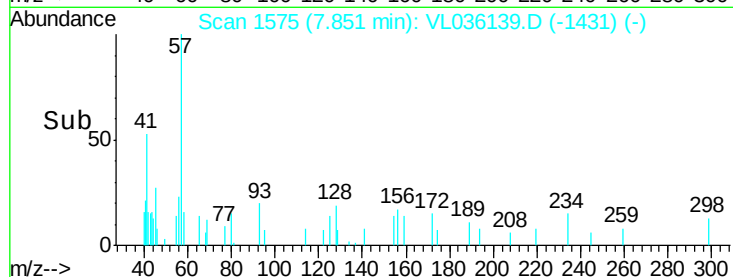
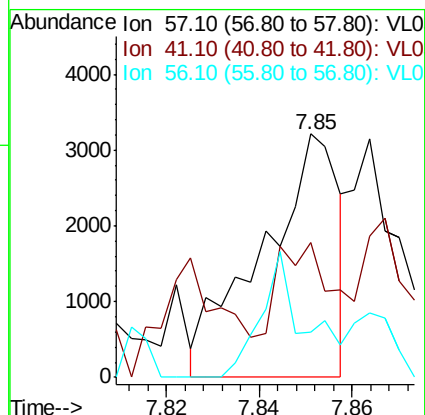
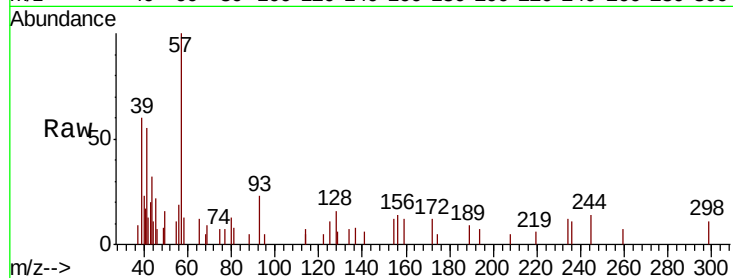
100 0.0 25.4 38.0#





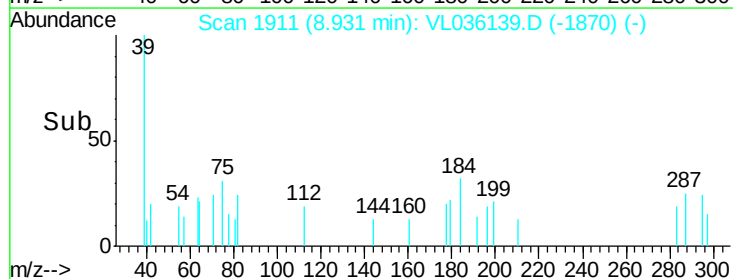
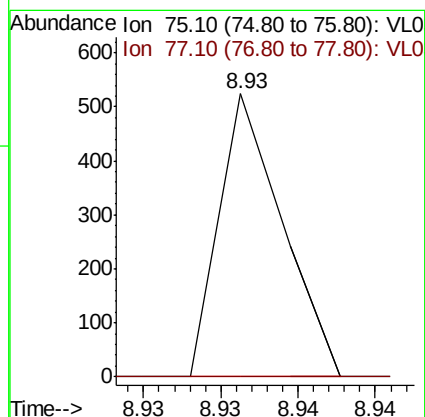
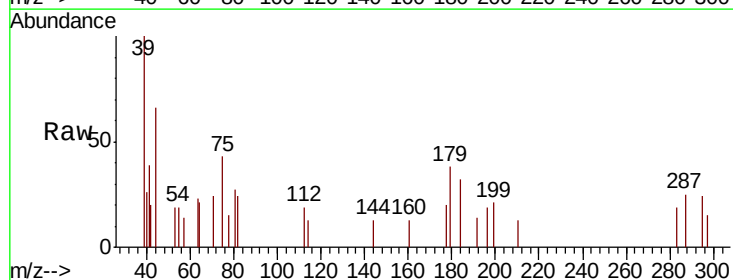
#44
 2,2,4-Trimethylpentane
 Concen: 0.009 ppbv
 RT: 7.85 min Scan# 1575
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

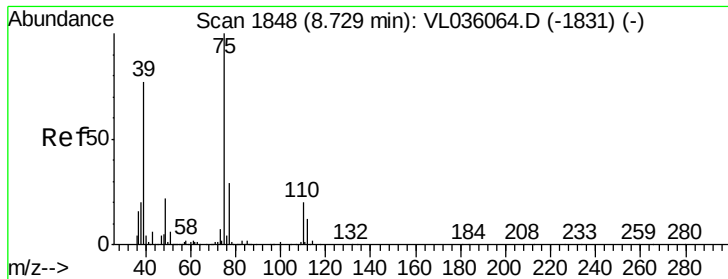
Tot Ion: 57 Resp: 3696
 Ion Ratio Lower Upper
 57 100
 41 0.0 28.9 43.3#
 56 47.1 25.3 37.9#



#45
 t-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 8.93 min Scan# 1911
 Delta R.T. -0.37 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Tgt Ion: 75 Resp: 148
 Ion Ratio Lower Upper
 75 100
 77 35.7 26.0 39.0





#46

cis-1,3-Dichloropropene

Concen: 0.002 ppbv

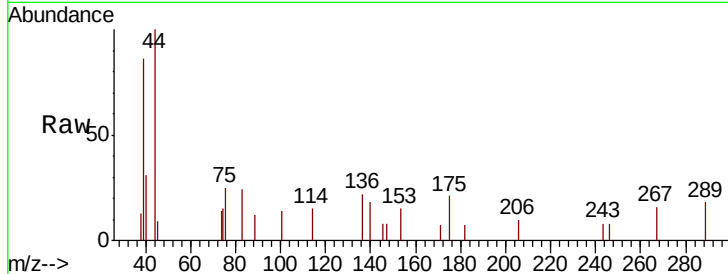
RT: 8.67 min Scan# 1829

Delta R.T. -0.06 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

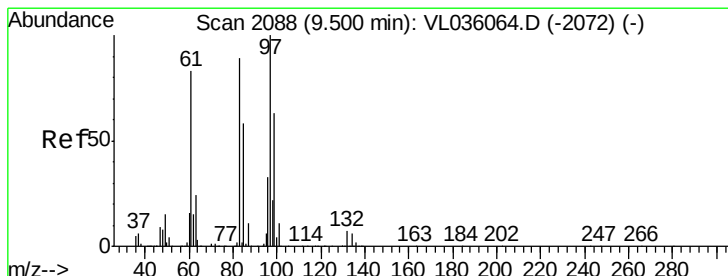
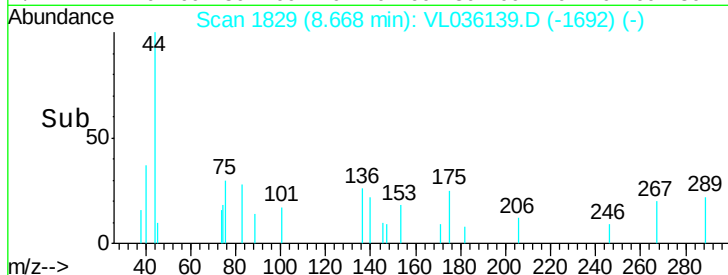
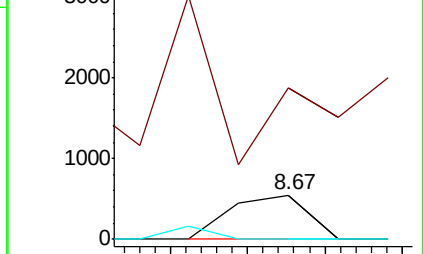
Tot Ion:	75	Resp:	193
Ion	Ratio	Lower	Upper
75	100		
39	67.5	61.6	92.4
77	0.0	23.0	34.6#



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



#47

1,1,2-Trichloroethane

Concen: 0.001 ppbv

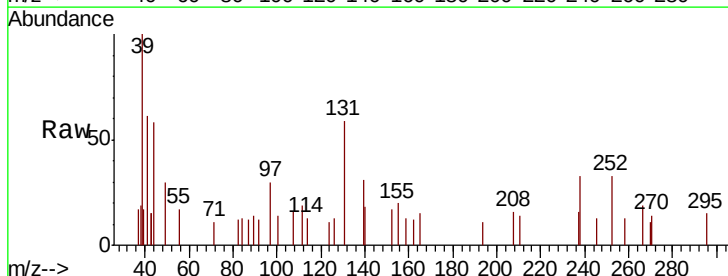
RT: 9.45 min Scan# 2073

Delta R.T. -0.05 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion:	97	Resp:	113
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.4	107.2#
85	0.0	46.6	70.0#
99	0.0	50.7	76.1#

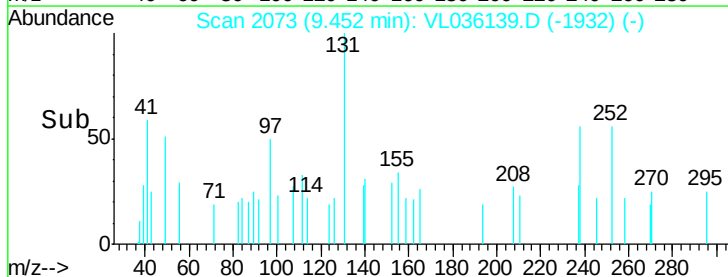
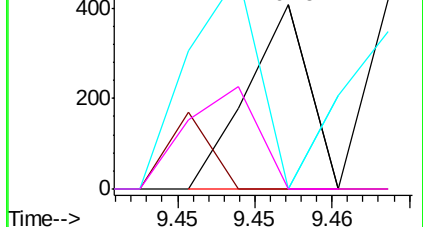


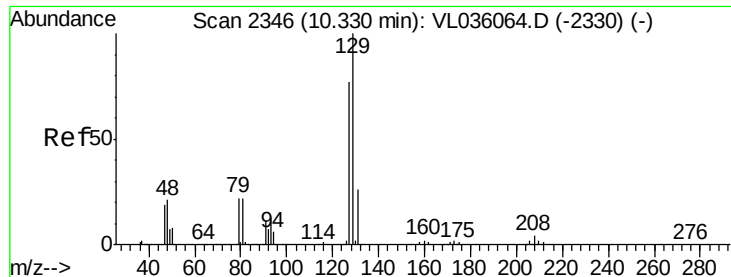
Abundance Ion 97.00 (96.70 to 97.70): VL0

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: 0.001 ppbv

RT: 9.91 min Scan# 2214

Delta R.T. -0.42 min

Lab File: VL036139.D

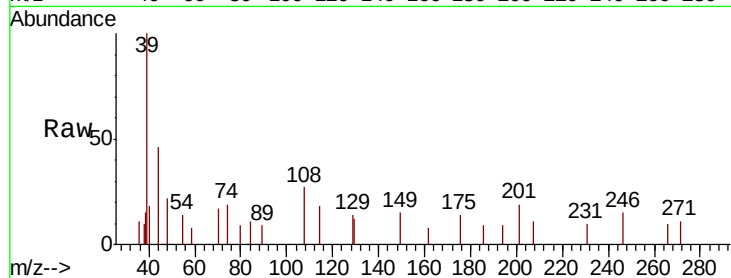
Acq: 10 Dec 2020 22:15

Tot Ion:129 Resp: 148

Ion Ratio Lower Upper

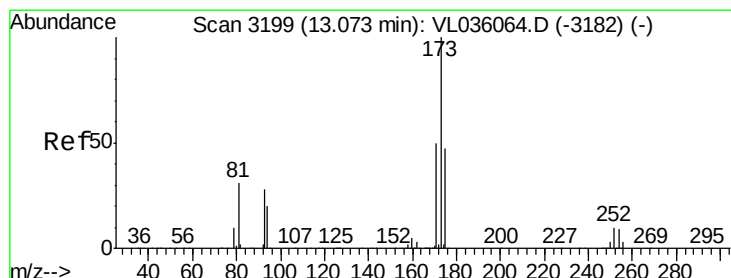
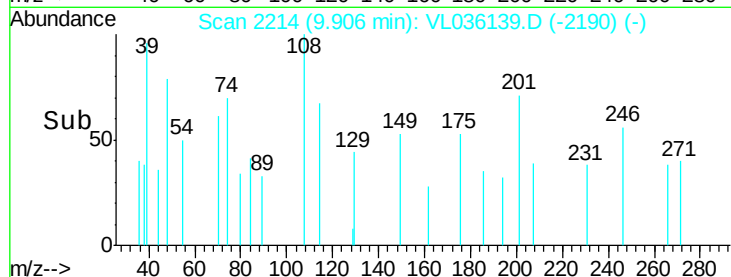
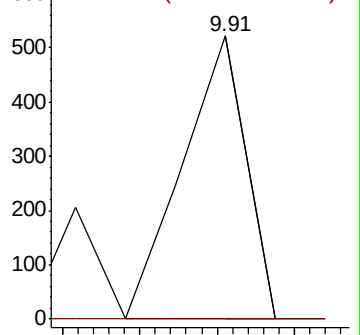
129 100

127 85.1 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: 0.001 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.08 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

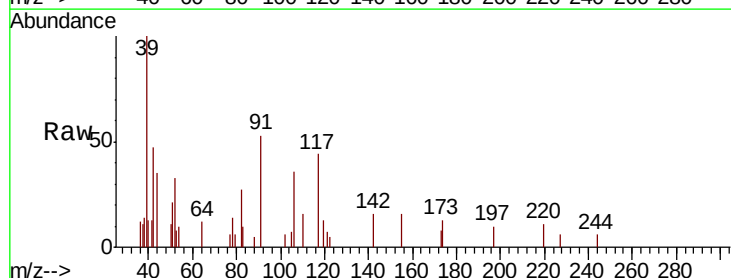
Tgt Ion:173 Resp: 79

Ion Ratio Lower Upper

173 100

175 139.2 39.8 59.6#

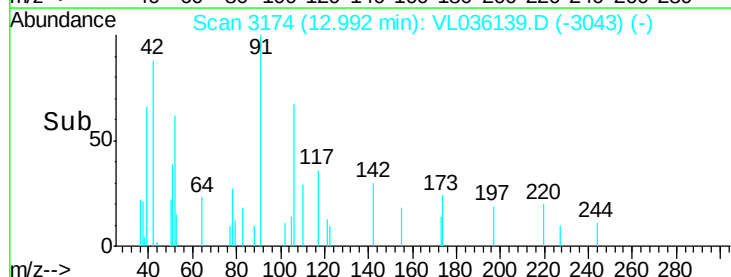
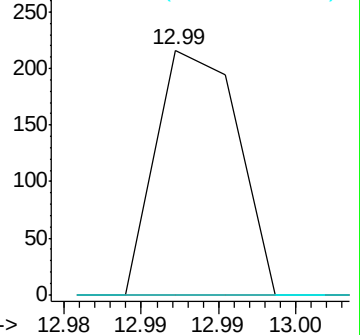
171 0.0 42.5 63.7#

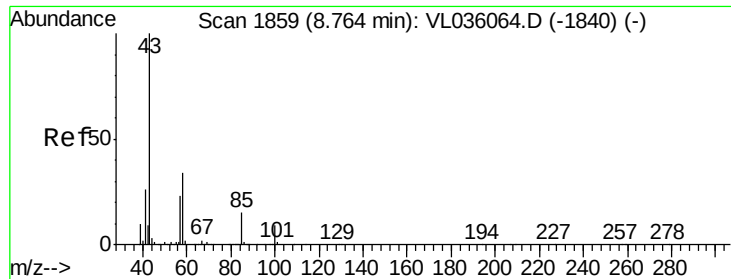


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

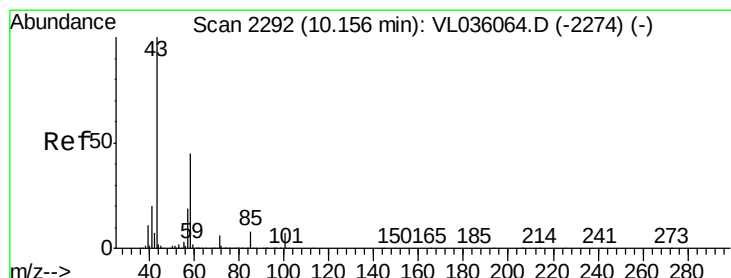
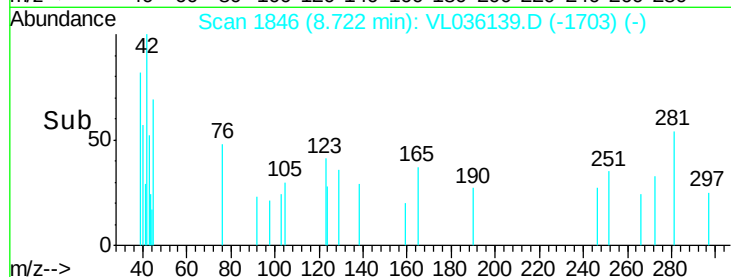
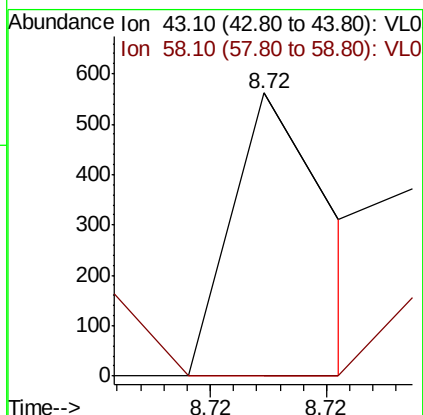
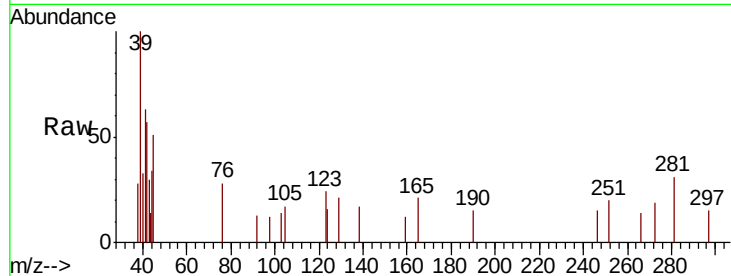
Ion 170.90 (170.60 to 171.60): V





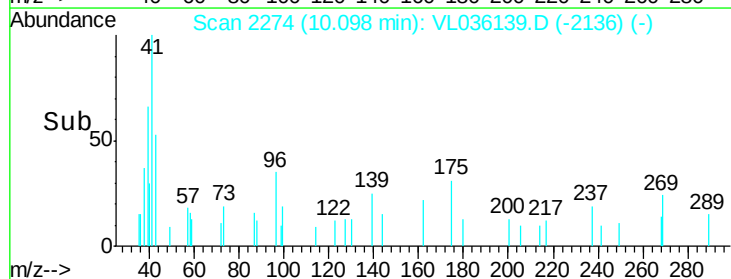
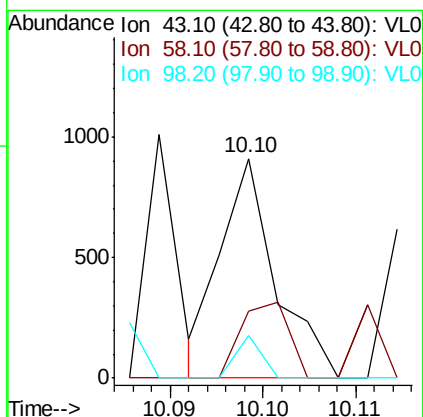
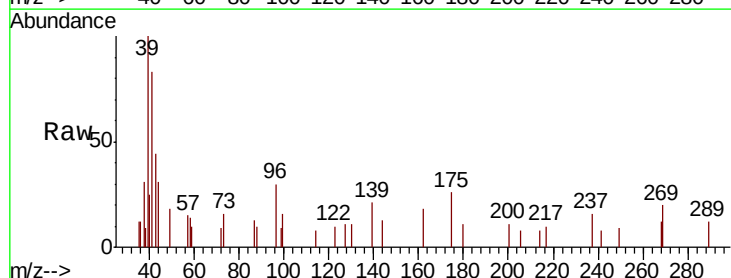
#50
 4-Methyl-2-Pentanone
 Concen: 0.001 ppbv
 RT: 8.72 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

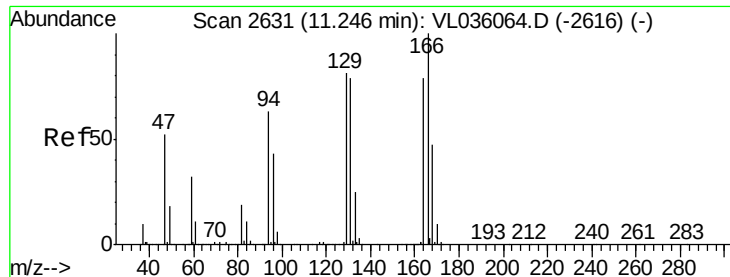
Tot Ion: 43 Resp: 168
 Ion Ratio Lower Upper
 43 100
 58 0.0 27.4 41.2#



#51
 2-Hexanone
 Concen: 0.002 ppbv
 RT: 10.10 min Scan# 2274
 Delta R.T. -0.06 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Tgt Ion: 43 Resp: 378
 Ion Ratio Lower Upper
 43 100
 58 0.0 38.7 58.1#
 98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 0.003 ppbv

RT: 11.20 min Scan# 2616

Delta R.T. -0.05 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion:164 Resp: 211

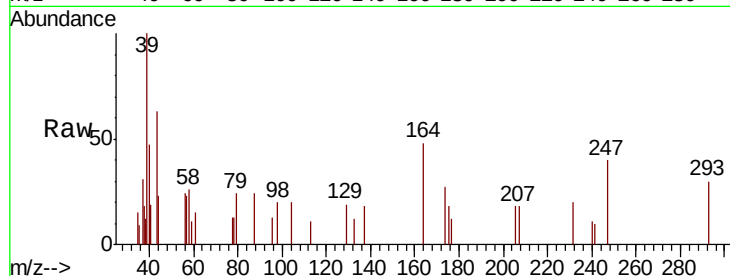
Ion Ratio Lower Upper

164 100

166 0.0 101.9 152.9#

129 40.1 82.1 123.1#

131 0.0 80.8 121.2#

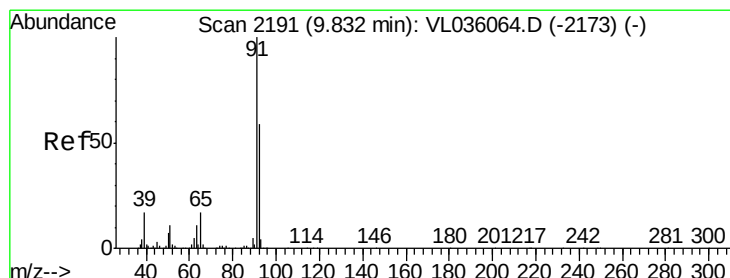
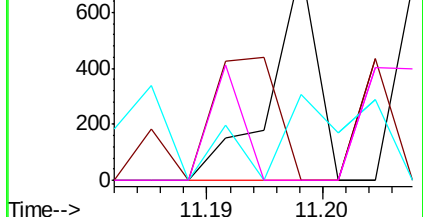
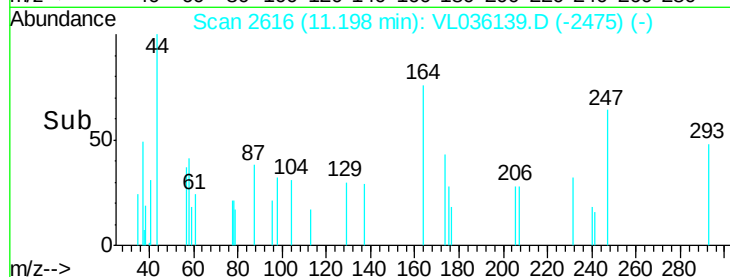


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.126 ppbv m

RT: 9.79 min Scan# 2177

Delta R.T. -0.04 min

Lab File: VL036139.D

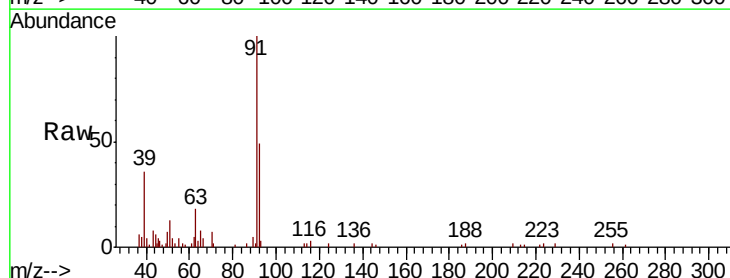
Acq: 10 Dec 2020 22:15

Tgt Ion: 91 Resp: 31357

Ion Ratio Lower Upper

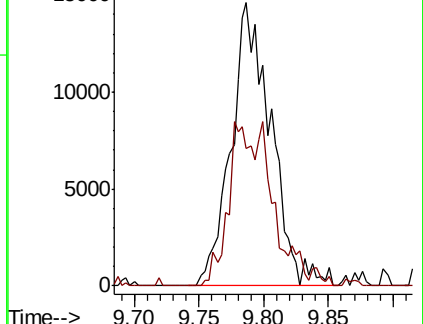
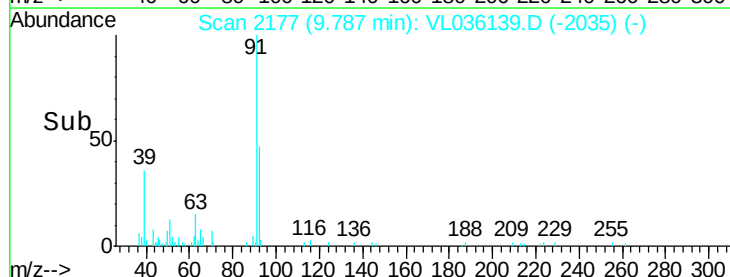
91 100

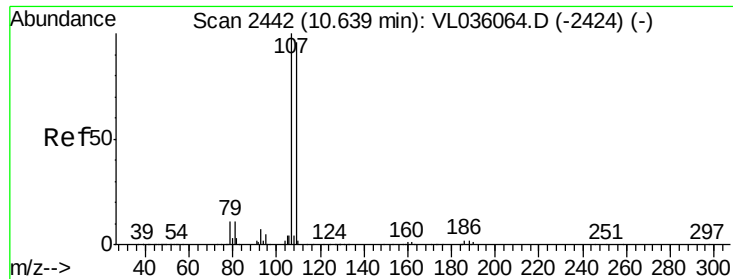
92 0.0 48.2 72.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

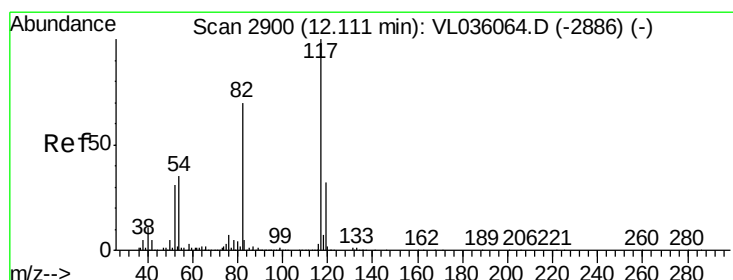
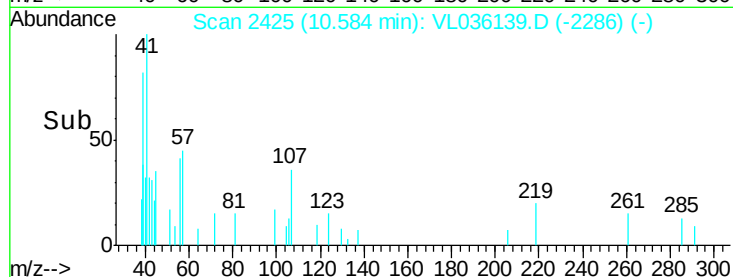
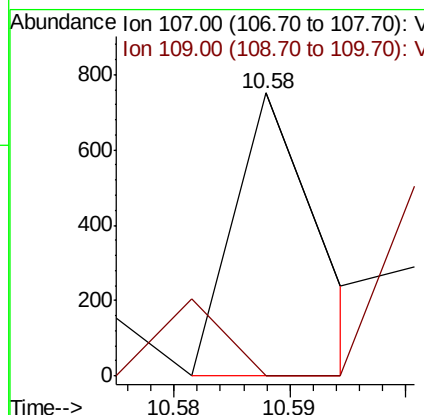
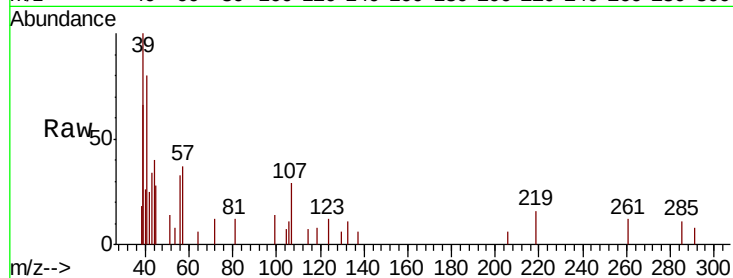
Ion 92.10 (91.80 to 92.80): VL0





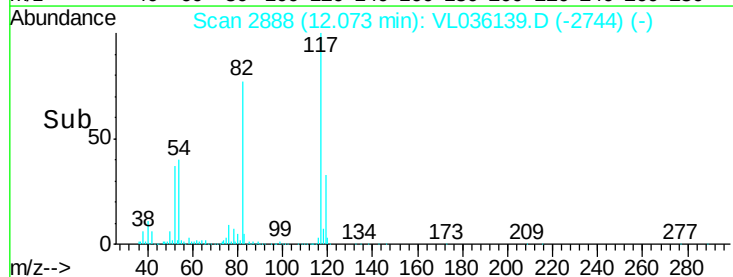
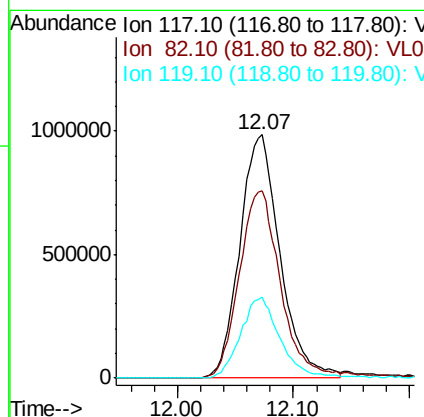
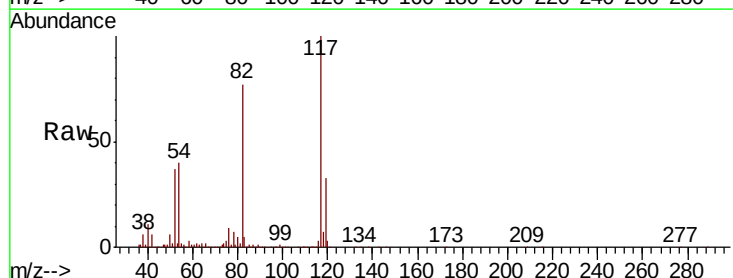
#54
 1,2-Dibromoethane
 Concen: 0.002 ppbv
 RT: 10.58 min Scan# 2425
 Delta R.T. -0.05 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

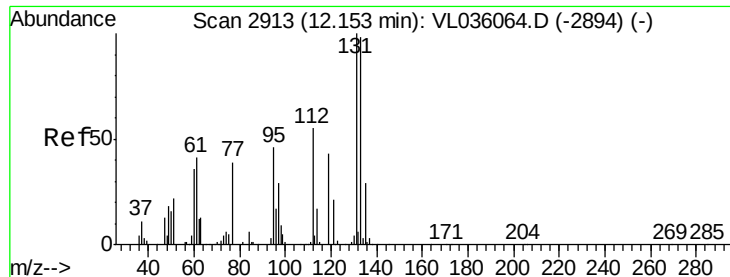
Tot Ion:107 Resp: 191
 Ion Ratio Lower Upper
 107 100
 109 0.0 76.6 115.0#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2888
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

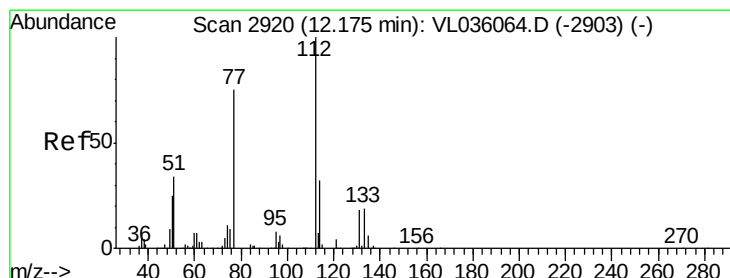
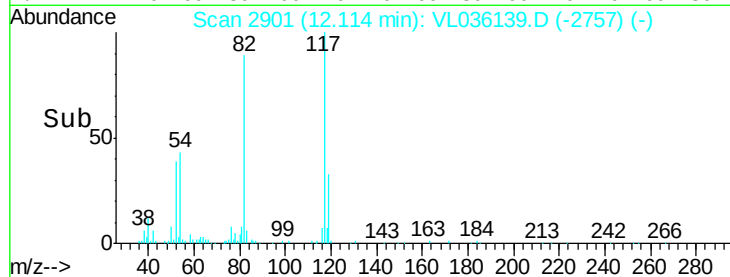
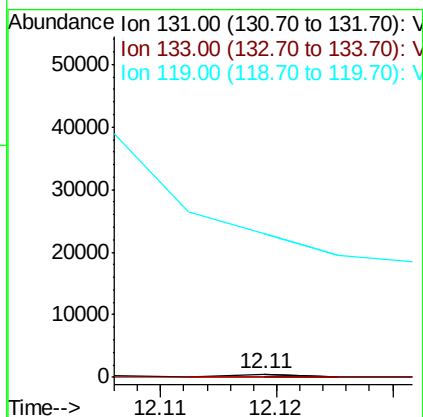
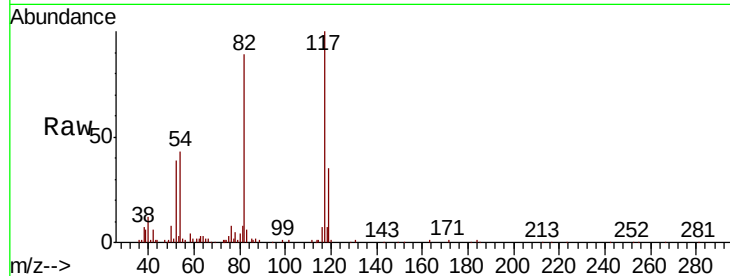
Tgt Ion:117 Resp: 2375434
 Ion Ratio Lower Upper
 117 100
 82 81.3 0.0 0.0#
 119 32.9 0.0 0.0#





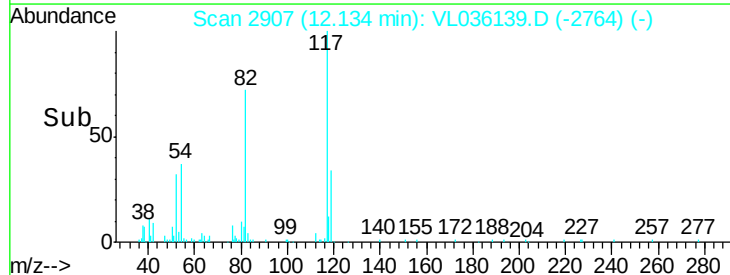
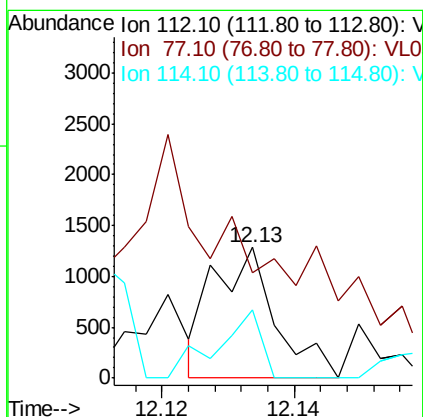
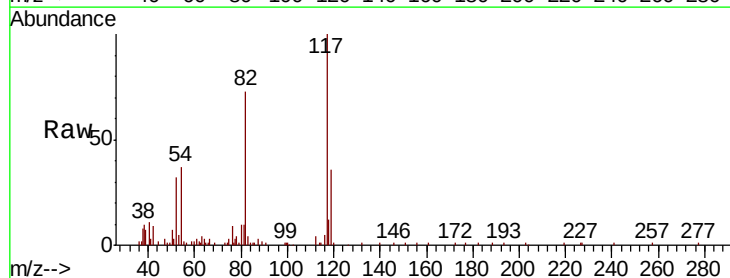
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.001 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

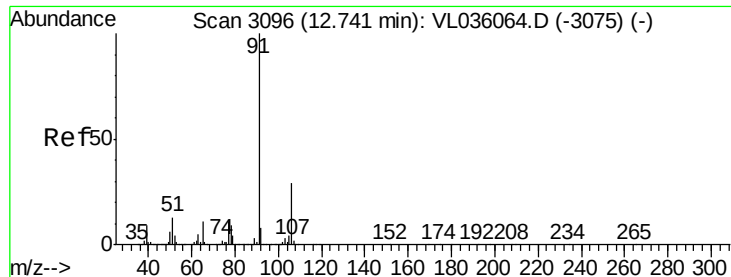
Tot Ion:131 Resp: 99
 Ion Ratio Lower Upper
 131 100
 133 0.0 77.7 116.5#
 119 0.0 51.6 77.4#



#57
 Chlorobenzene
 Concen: 0.005 ppbv
 RT: 12.13 min Scan# 2907
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

Tgt Ion:112 Resp: 837
 Ion Ratio Lower Upper
 112 100
 77 22.2 60.5 90.7#
 114 52.5 29.2 35.6#





#58

Ethyl Benzene

Concen: 0.002 ppbv

RT: 12.70 min Scan# 3083

Delta R.T. -0.04 min

Lab File: VL036139.D

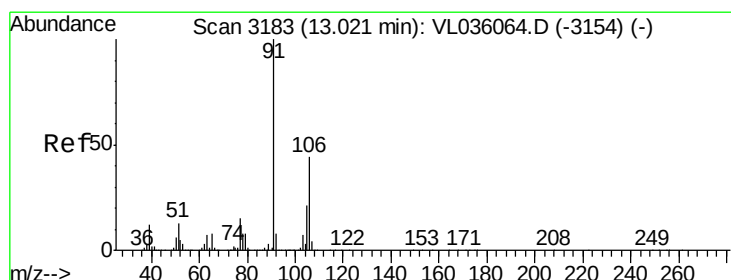
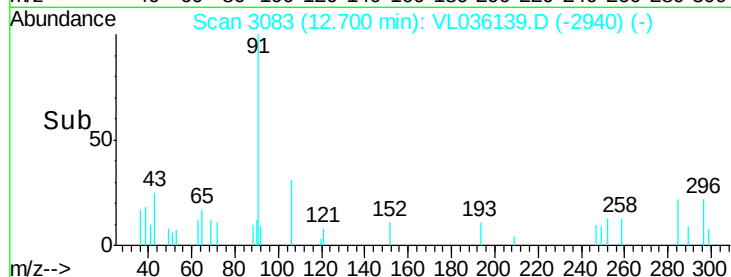
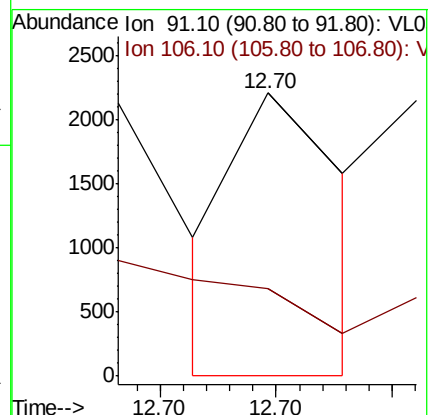
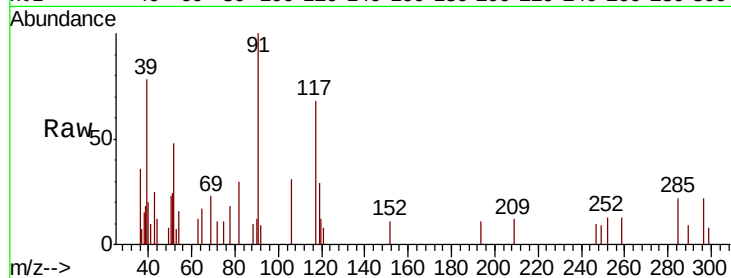
Acq: 10 Dec 2020 22:15

Tot Ion: 91 Resp: 730

Ion Ratio Lower Upper

91 100

106 31.2 23.0 34.4



#59

m/p-Xylene

Concen: 0.006 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. -0.04 min

Lab File: VL036139.D

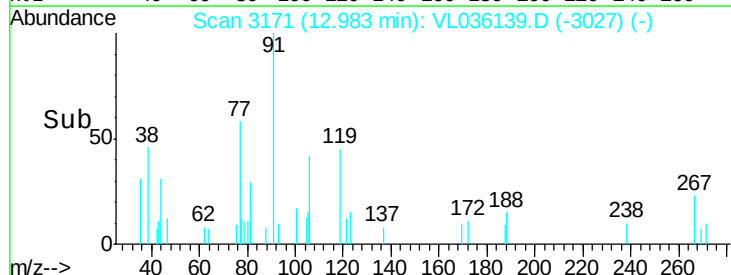
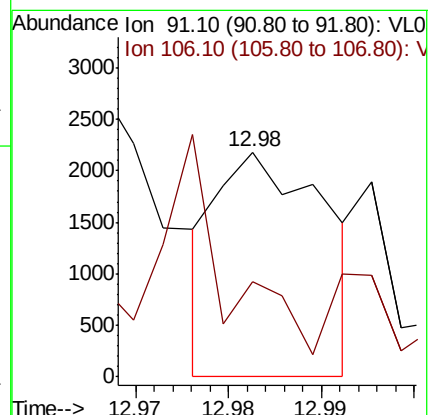
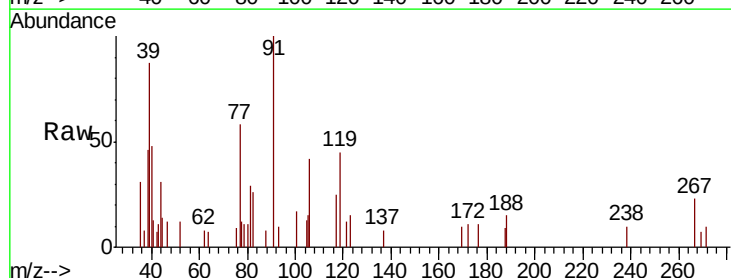
Acq: 10 Dec 2020 22:15

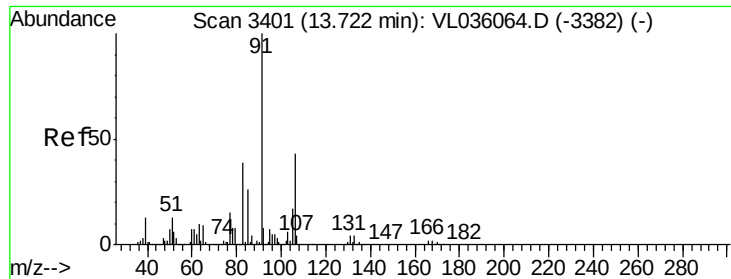
Tgt Ion: 91 Resp: 1770

Ion Ratio Lower Upper

91 100

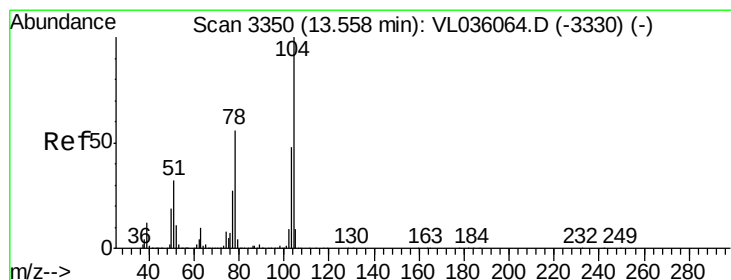
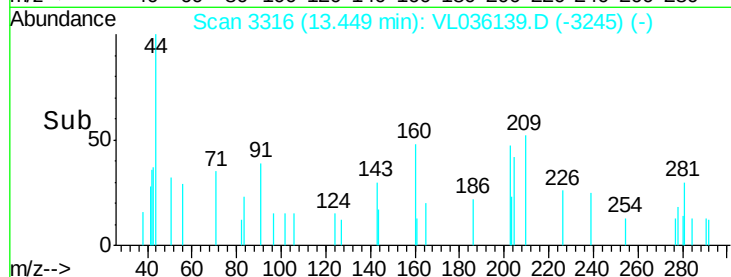
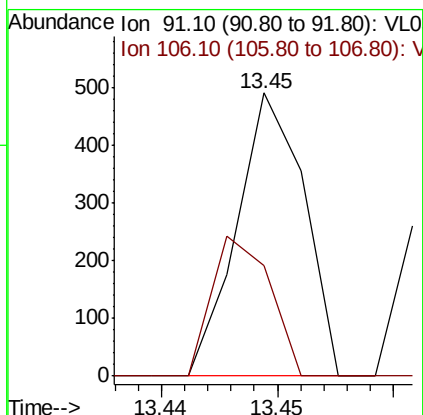
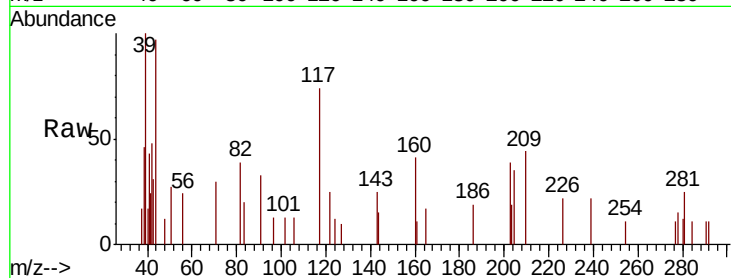
106 292.1 33.6 50.4#





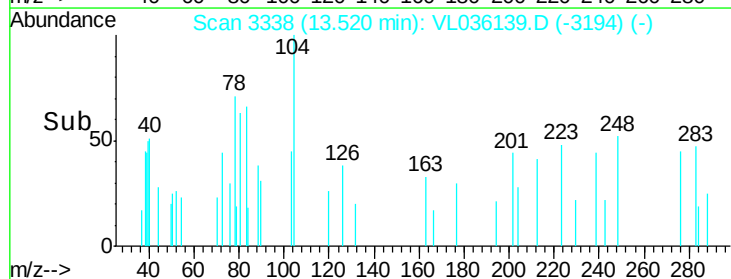
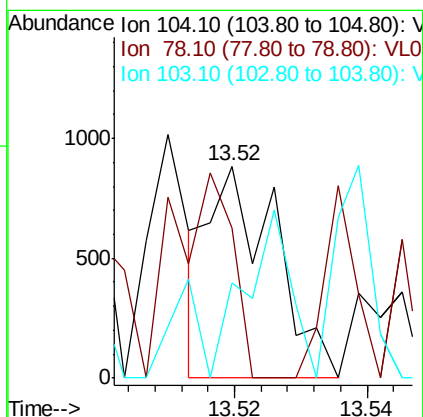
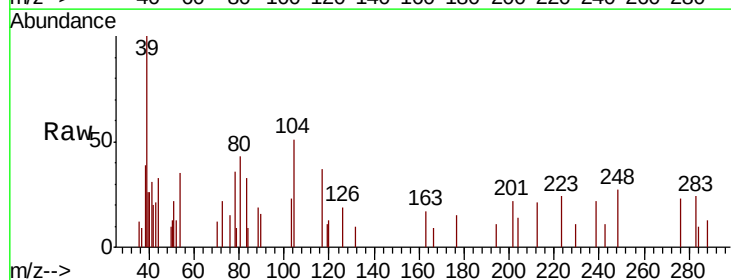
#60
o-Xylene
Concen: 0.001 ppbv
RT: 13.45 min Scan# 3316
Delta R.T. -0.27 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

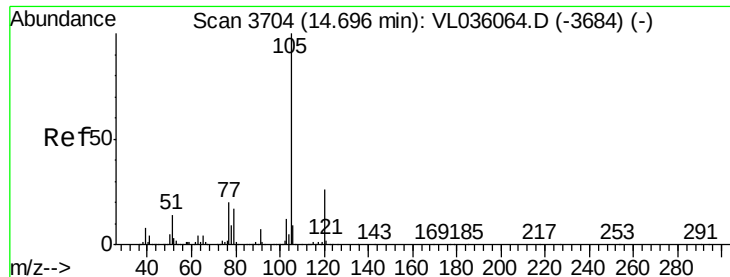
Tot Ion: 91 Resp: 197
Ion Ratio Lower Upper
91 100
106 42.6 21.6 64.6



#61
Styrene
Concen: 0.004 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.04 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 104 Resp: 616
Ion Ratio Lower Upper
104 100
78 152.9 45.8 68.8#
103 0.0 38.6 57.8#





#62

Isopropylbenzene

Concen: 0.003 ppbv

RT: 14.38 min Scan# 3605

Delta R.T. -0.32 min

Lab File: VL036139.D

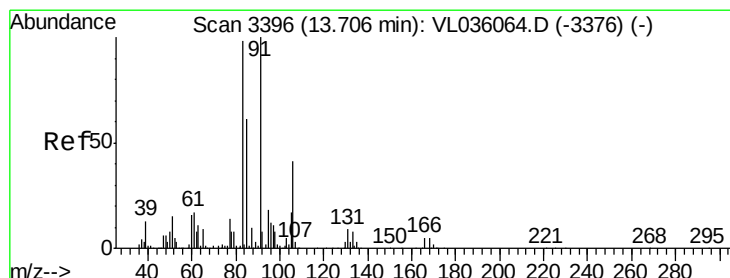
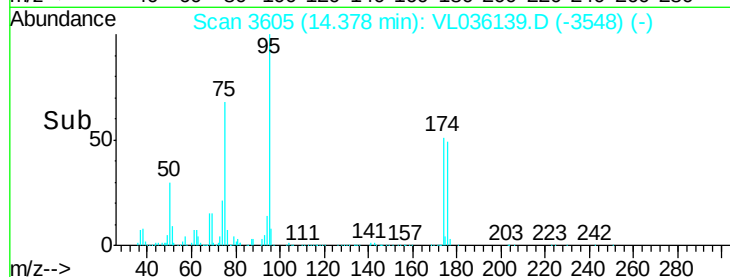
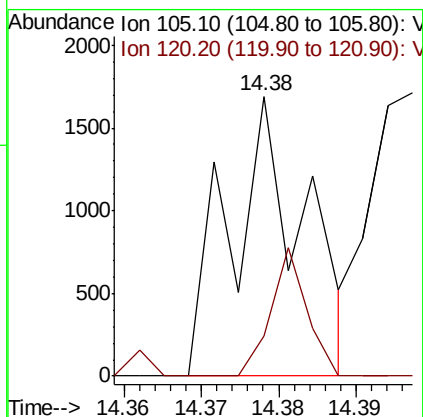
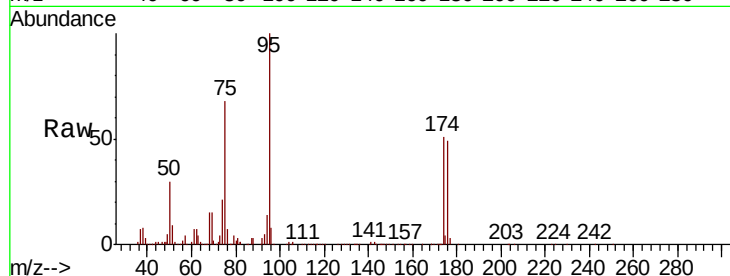
Acq: 10 Dec 2020 22:15

Tot Ion: 105 Resp: 1131

Ion Ratio Lower Upper

105 100

120 25.0 20.1 30.1



#63

1,1,2,2-Tetrachloroethane

Concen: 0.002 ppbv

RT: 13.66 min Scan# 3381

Delta R.T. -0.05 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

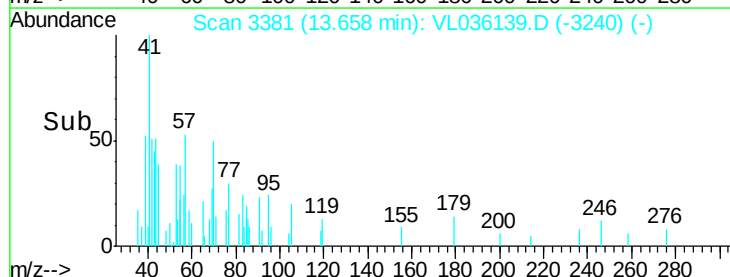
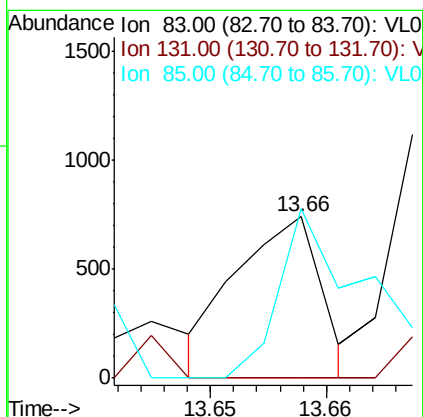
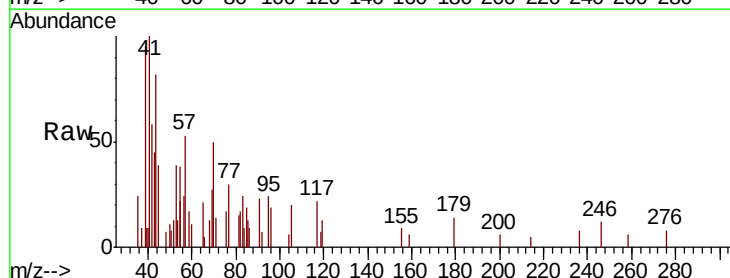
Tgt Ion: 83 Resp: 377

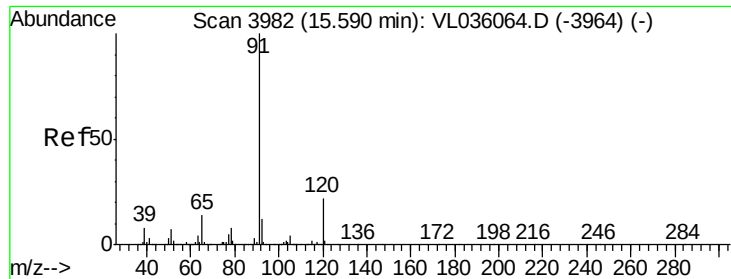
Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

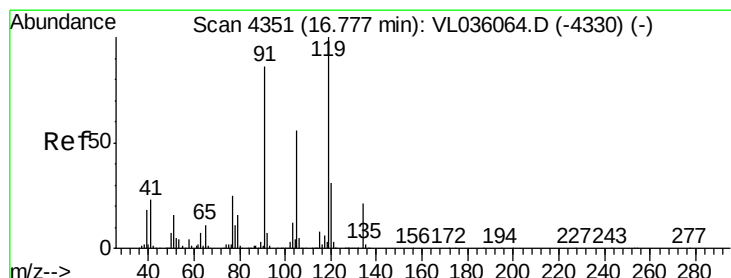
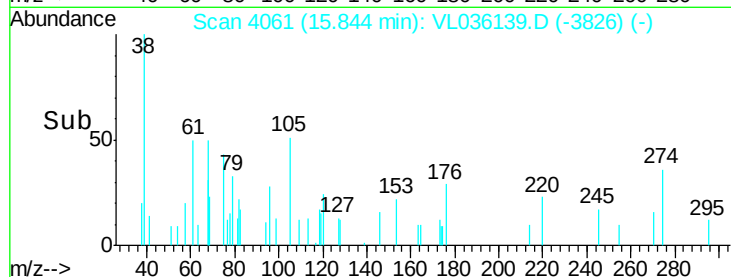
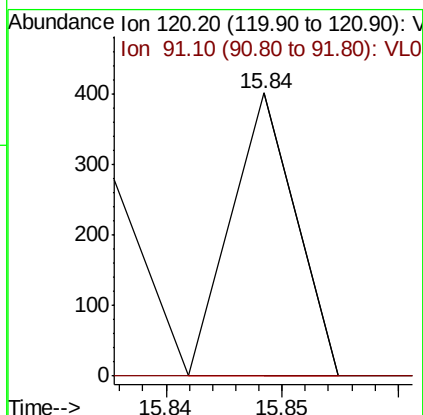
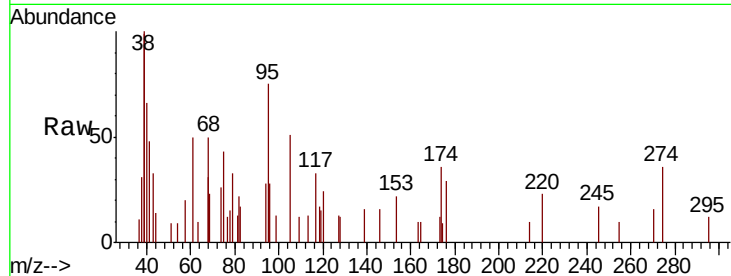
85 0.0 32.5 97.5#





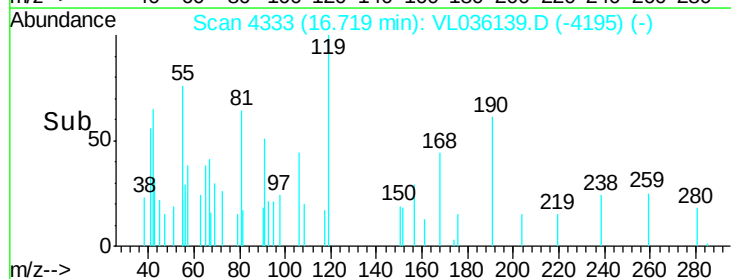
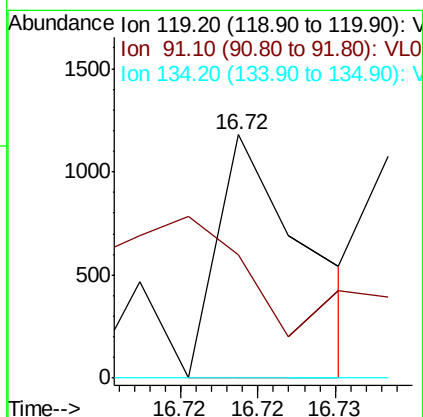
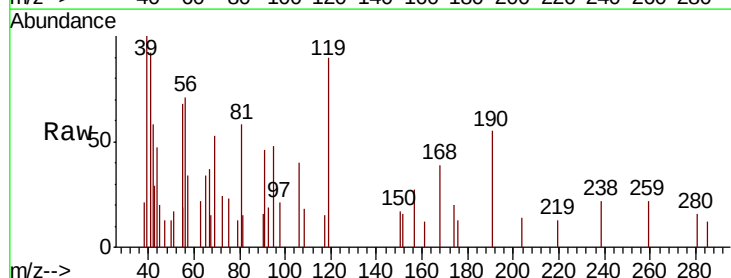
#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 15.84 min Scan# 4061
Delta R.T. 0.25 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

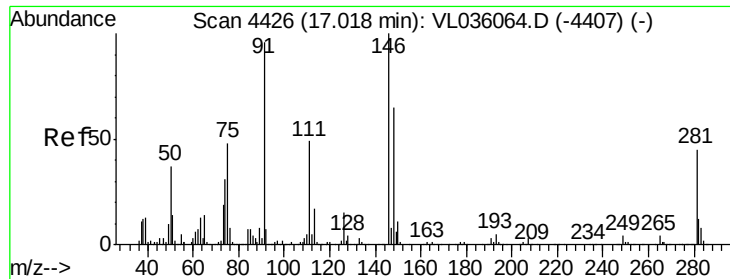
Tot Ion:120 Resp: 78
Ion Ratio Lower Upper
120 100
91 434.6 388.9 583.3



#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.72 min Scan# 4333
Delta R.T. -0.06 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

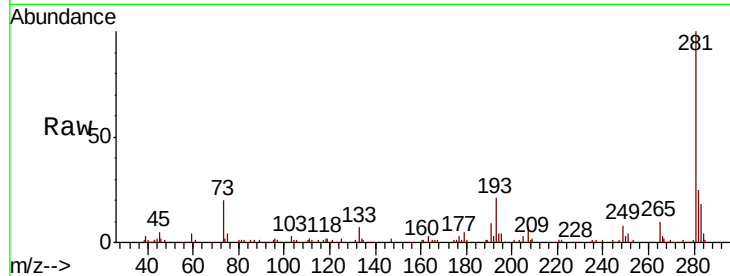
Tgt Ion:119 Resp: 466
Ion Ratio Lower Upper
119 100
91 0.0 70.2 105.2#
134 0.0 15.8 23.6#



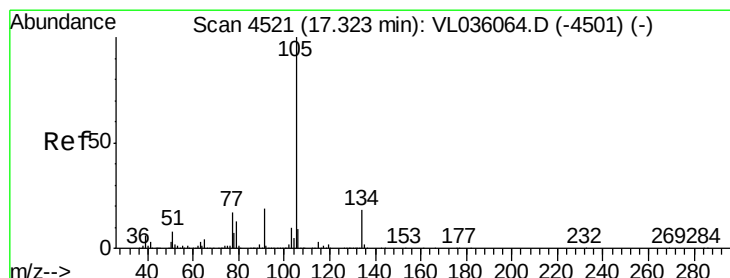
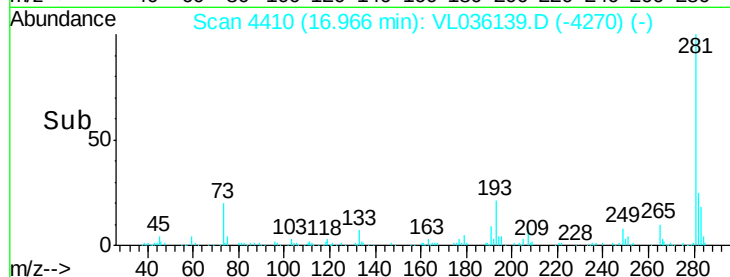
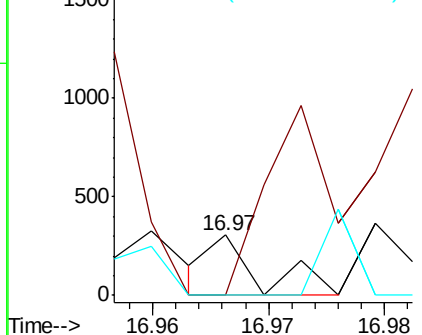


#66
Benzyl Chloride
Concen: 0.001 ppbv
RT: 16.97 min Scan# 4410
Delta R.T. -0.05 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tot Ion: 91 Resp: 94
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 0.0 4.4 6.6#

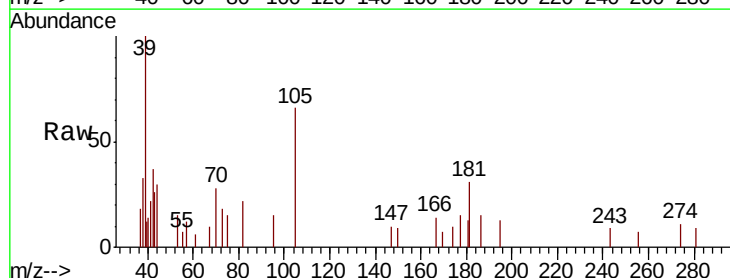


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V

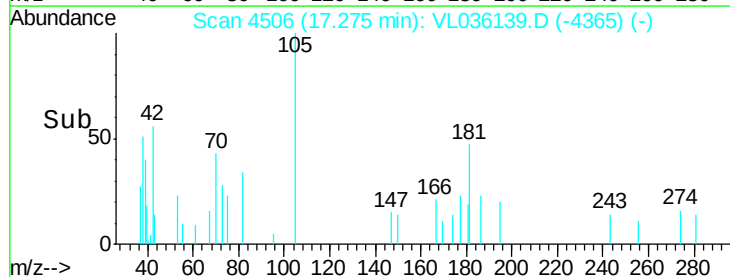
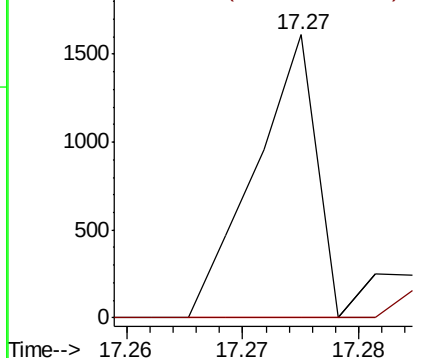


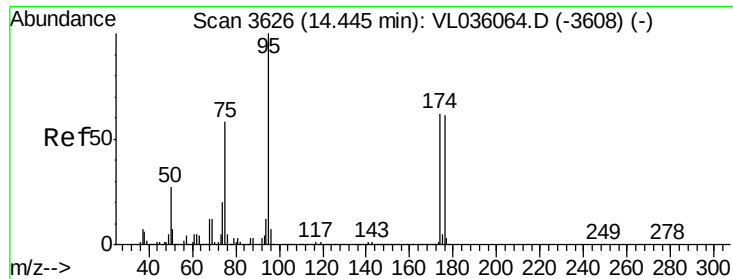
#67
sec-Butylbenzene
Concen: 0.001 ppbv
RT: 17.27 min Scan# 4506
Delta R.T. -0.05 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 105 Resp: 585
Ion Ratio Lower Upper
105 100
134 0.0 14.2 21.4#



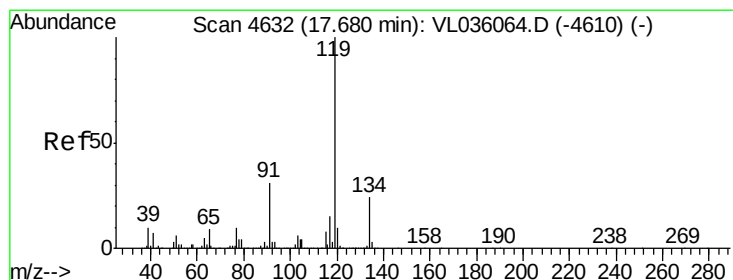
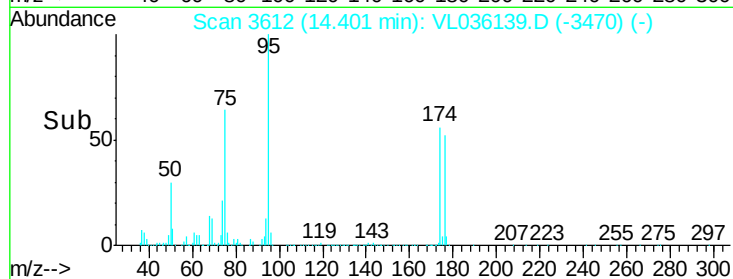
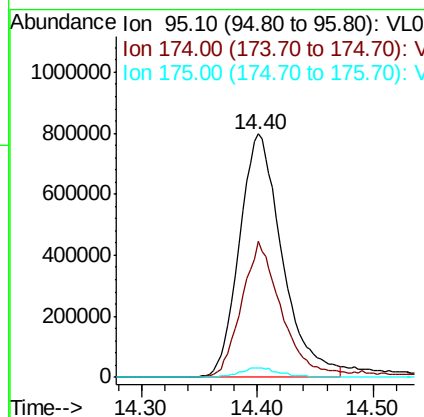
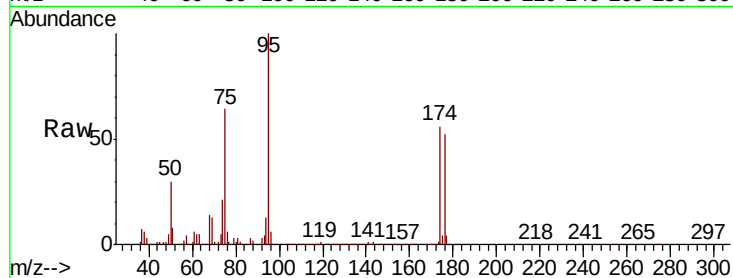
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 134.20 (133.90 to 134.90): V





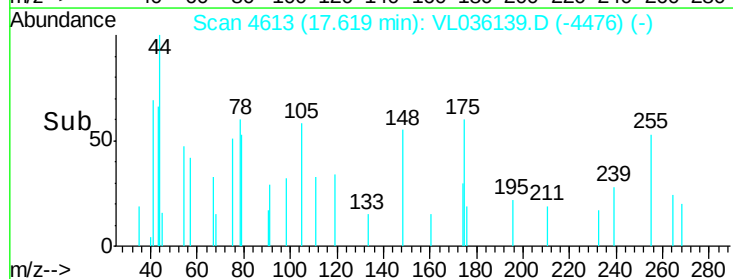
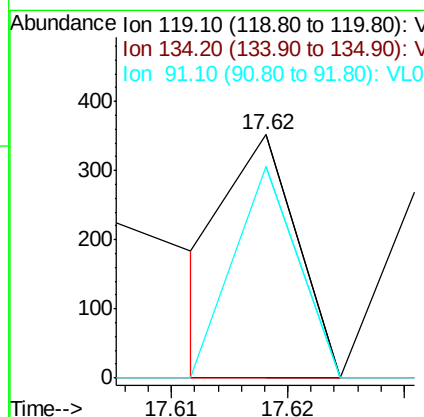
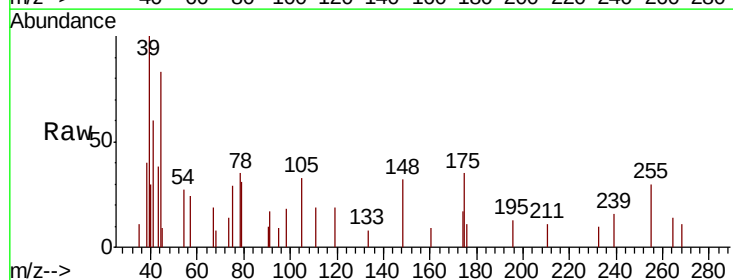
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.853 ppbv
 RT: 14.40 min Scan# 3612
 Delta R.T. -0.04 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

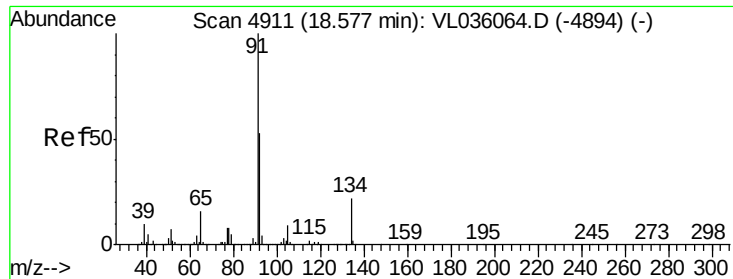
Tot Ion: 95 Resp: 2047015
 Ion Ratio Lower Upper
 95 100
 174 54.6 50.7 76.1
 175 3.8 4.0 6.0#



#69
 p-Isopropyltoluene
 Concen: 0.000 ppbv
 RT: 17.62 min Scan# 4613
 Delta R.T. -0.06 min
 Lab File: VL036139.D
 Acq: 10 Dec 2020 22:15

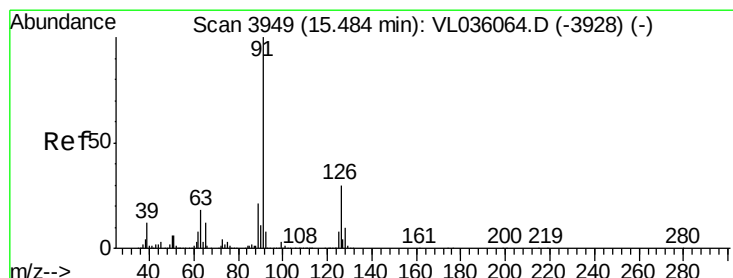
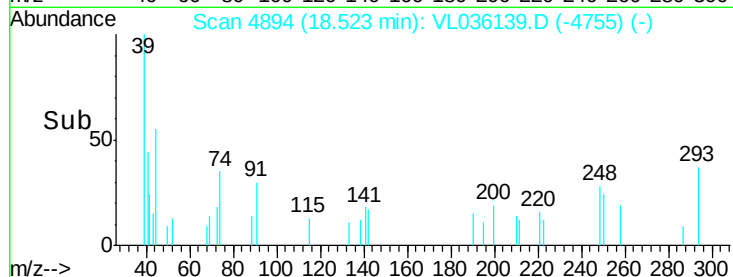
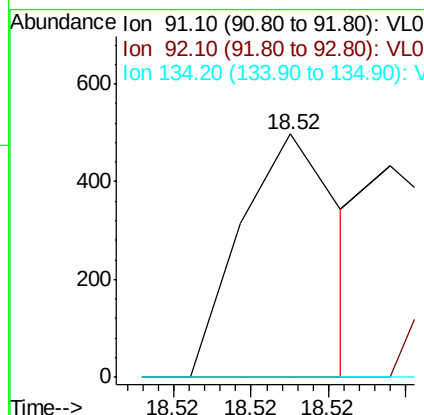
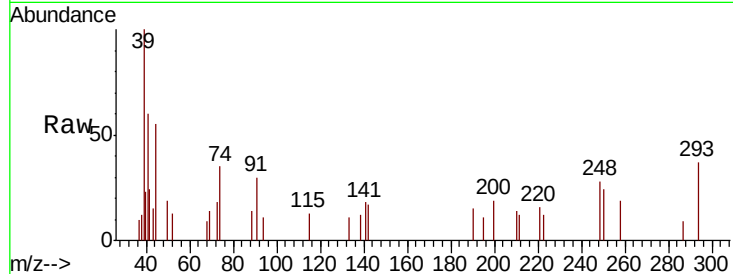
Tgt Ion: 119 Resp: 68
 Ion Ratio Lower Upper
 119 100
 134 0.0 19.8 29.6#
 91 0.0 25.8 38.6#





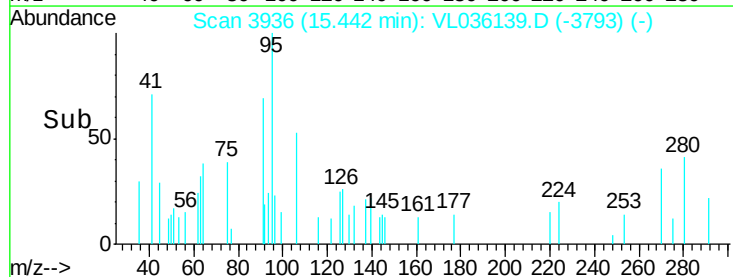
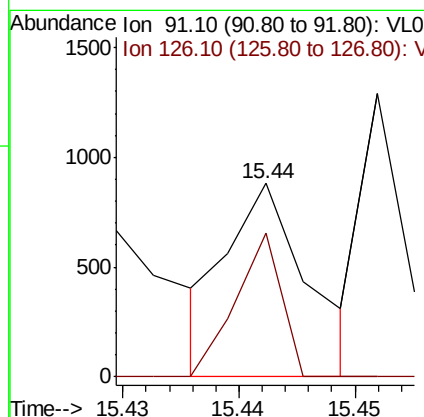
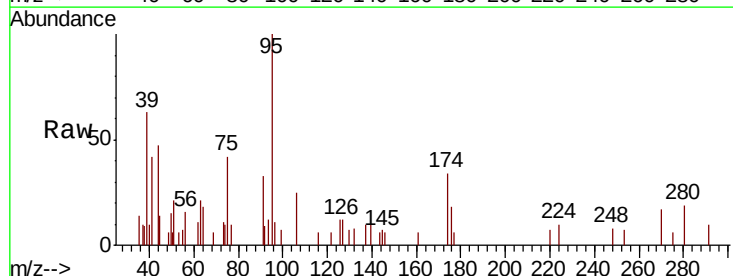
#70
n-Butylbenzene
Concen: 0.001 ppbv
RT: 18.52 min Scan# 4894
Delta R.T. -0.05 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

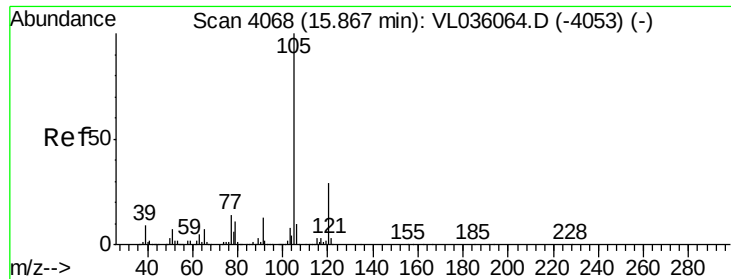
Tot Ion: 91 Resp: 223
Ion Ratio Lower Upper
91 100
92 0.0 43.3 64.9#
134 0.0 17.1 25.7#



#71
2-Chlorotoluene
Concen: 0.001 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. -0.04 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion: 91 Resp: 422
Ion Ratio Lower Upper
91 100
126 41.9 11.6 46.4





#72

4-Ethyltoluene

Concen: 0.002 ppbv

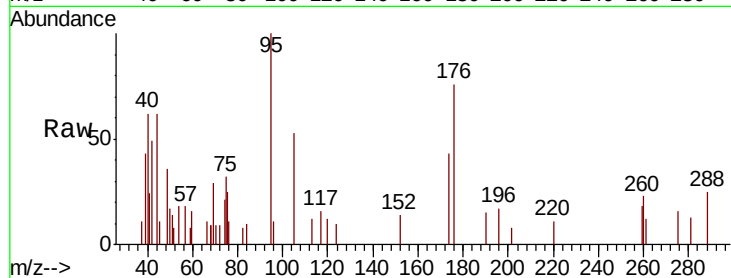
RT: 15.82 min Scan# 4052

Delta R.T. -0.05 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion:	105	Resp:	586
Ion	Ratio	Lower	Upper
105	100		
120	165.7	23.6	35.4#
91	20.5	11.4	17.0#
77	16.7	12.1	18.1

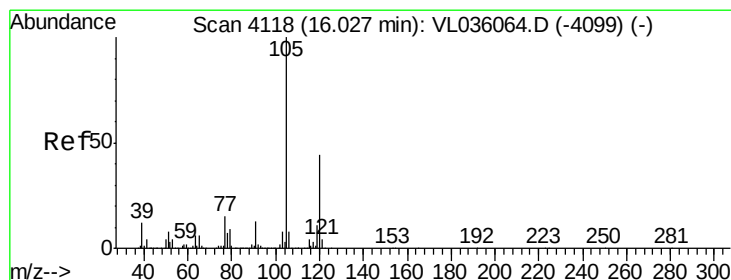
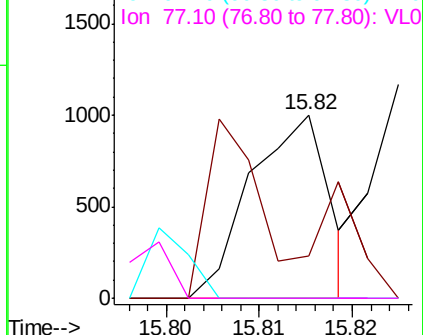
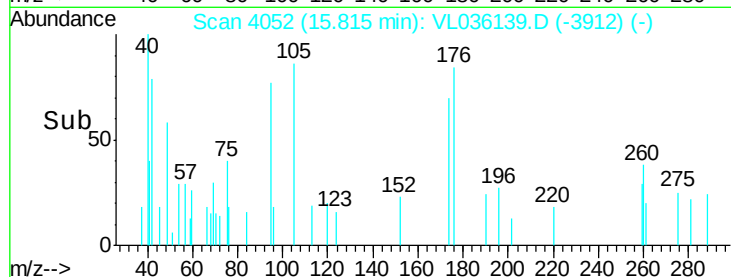


Abundance Ion 105.10 (104.80 to 105.80): V

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

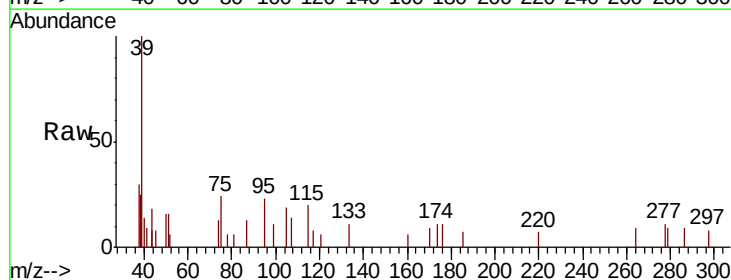
RT: 15.97 min Scan# 4101

Delta R.T. -0.05 min

Lab File: VL036139.D

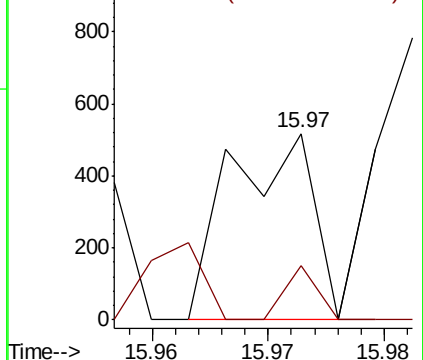
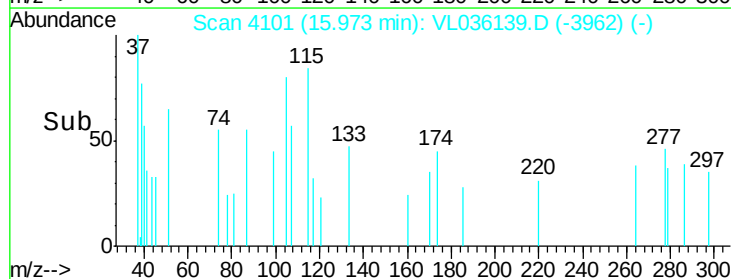
Acq: 10 Dec 2020 22:15

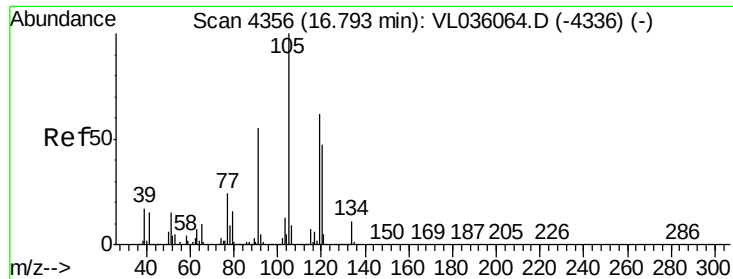
Tgt Ion:	105	Resp:	258
Ion	Ratio	Lower	Upper
105	100		
120	29.2	35.4	53.2#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#74

1,2,4-Trimethylbenzene

Concen: 0.002 ppbv

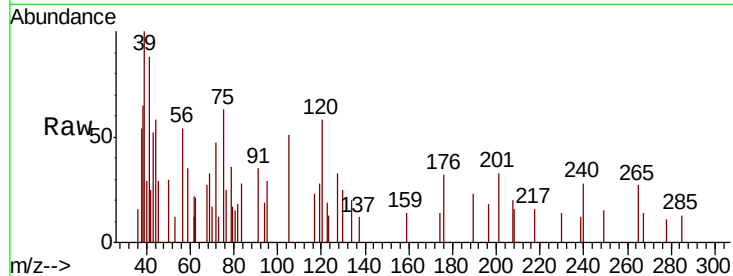
RT: 16.73 min Scan# 4338

Delta R.T. -0.06 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tot Ion:	105	Resp:	482
Ion	Ratio	Lower	Upper
105	100		
120	113.0	37.4	56.0#
91	10.1	45.6	68.4#
77	0.0	19.4	29.2#



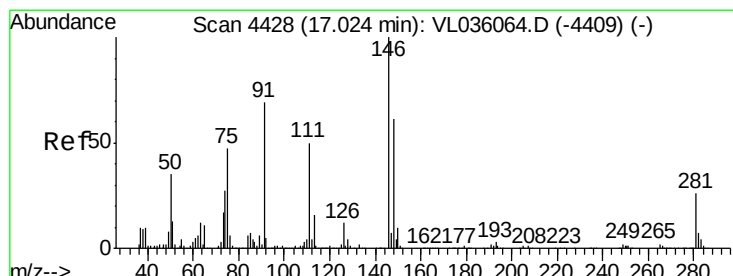
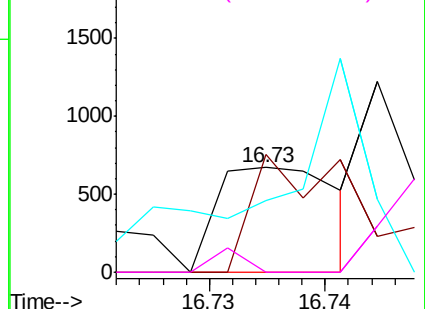
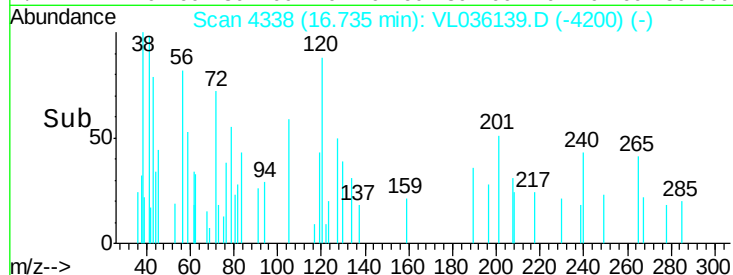
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#75

1,3-Dichlorobenzene

Concen: 0.001 ppbv

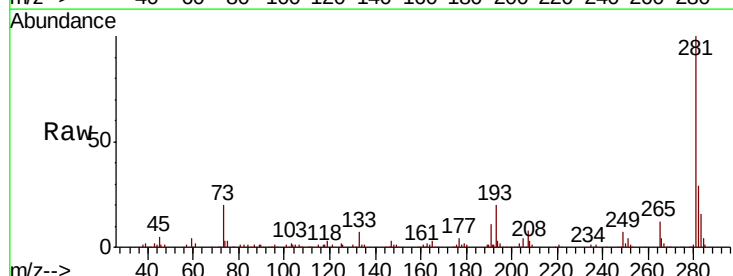
RT: 16.97 min Scan# 4412

Delta R.T. -0.05 min

Lab File: VL036139.D

Acq: 10 Dec 2020 22:15

Tgt Ion:	146	Resp:	173
Ion	Ratio	Lower	Upper
146	100		
111	0.0	25.1	75.3#
148	0.0	32.9	98.6#

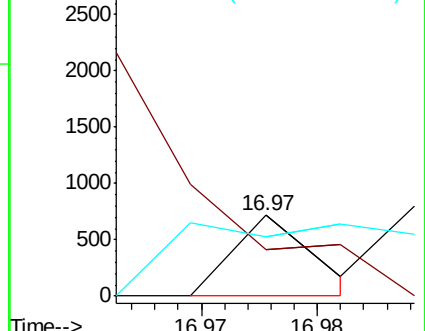
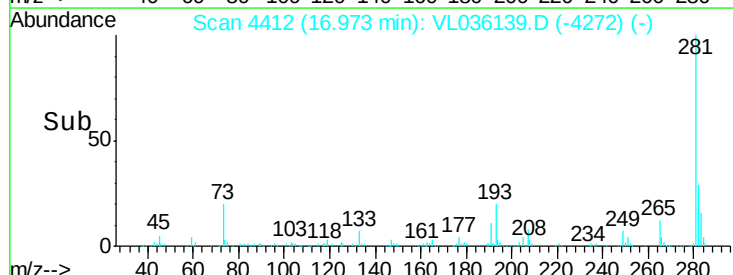


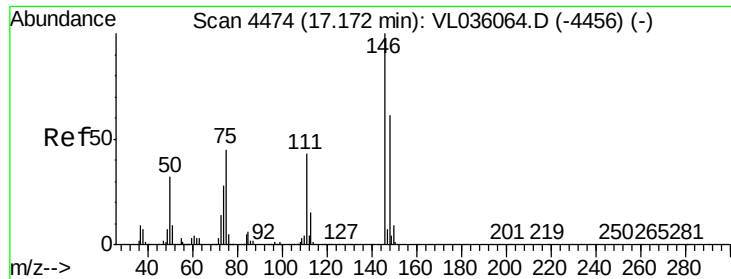
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

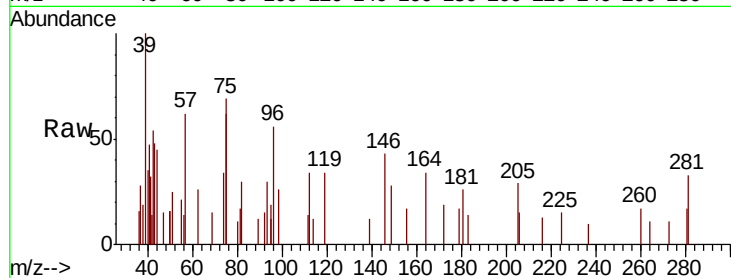
Ion 148.00 (147.70 to 148.70): V



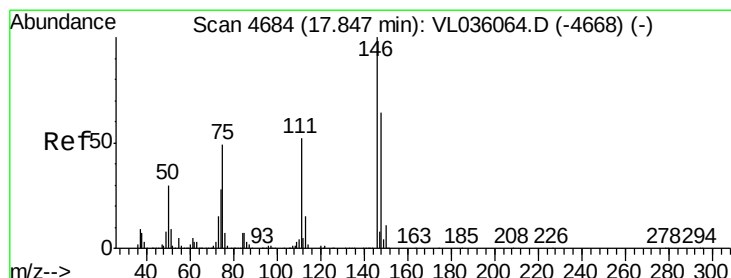
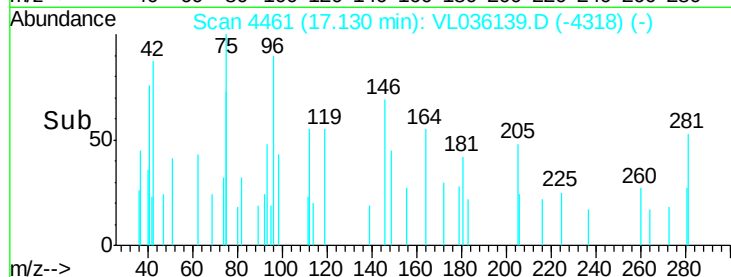
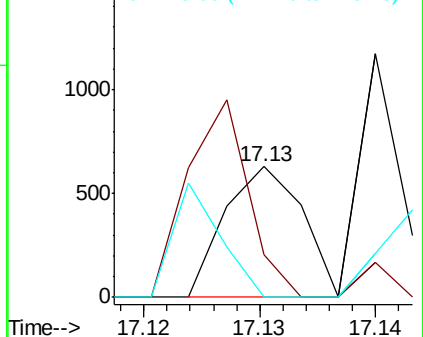


#76
1,4-Dichlorobenzene
Concen: 0.002 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. -0.04 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tot Ion:146 Resp: 292
Ion Ratio Lower Upper
146 100
111 0.0 24.3 72.8#
148 126.0 32.8 98.3#

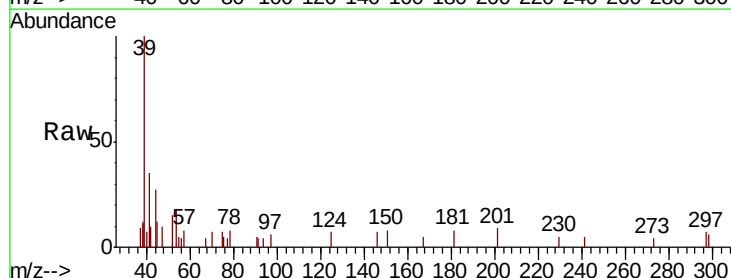


Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V

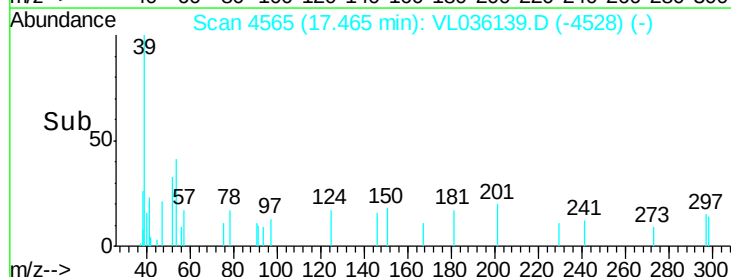
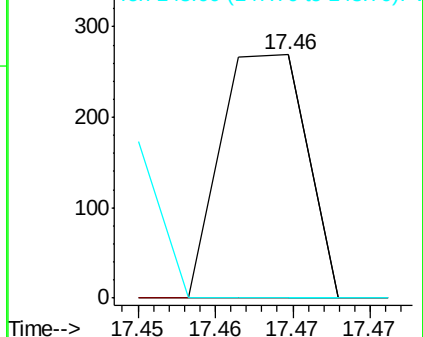


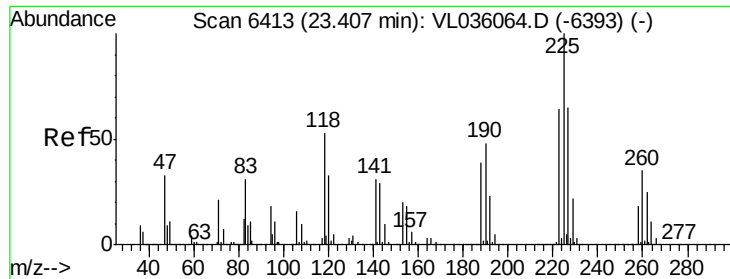
#77
1,2-Dichlorobenzene
Concen: 0.001 ppbv
RT: 17.46 min Scan# 4565
Delta R.T. -0.38 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion:146 Resp: 103
Ion Ratio Lower Upper
146 100
111 51.5 26.1 78.2
148 68.9 33.1 99.5



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

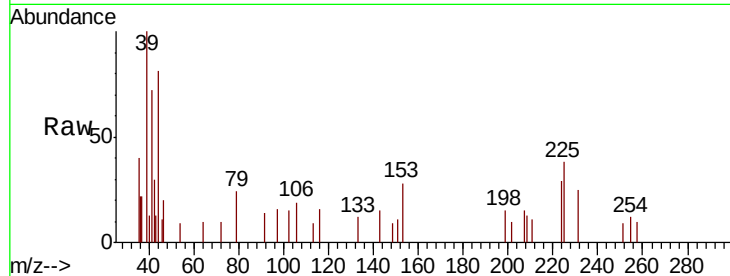




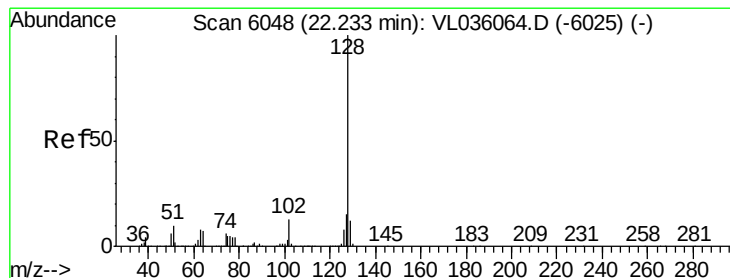
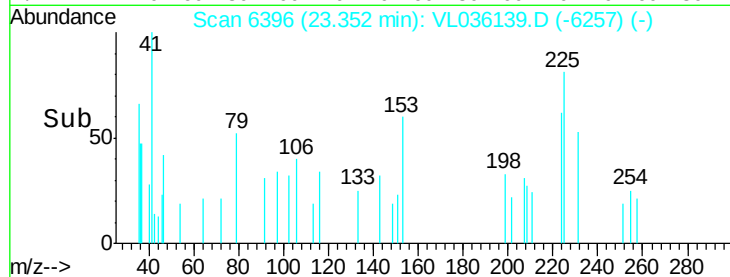
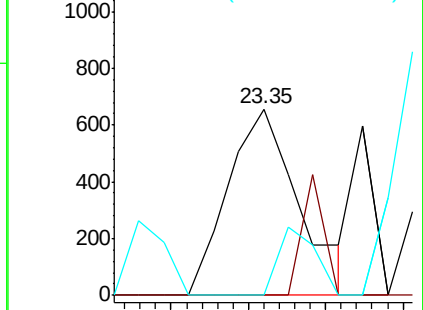
#78

Hexachloro-1,3-Butadiene
Concen: 0.004 ppbv
RT: 23.35 min Scan# 6396
Delta R.T. -0.05 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tot Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.1	76.7#
227	39.5	51.7	77.5#



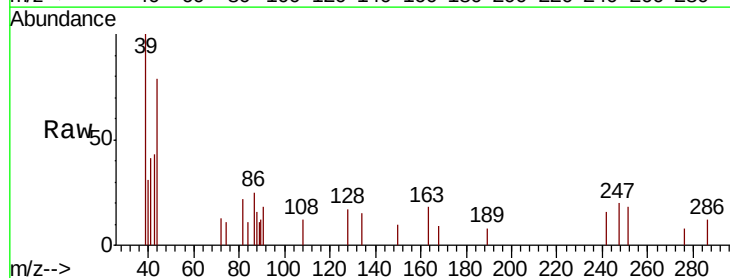
Abundance Ion 224.90 (224.60 to 225.60): V
Ion 222.90 (222.60 to 223.60): V
Ion 226.90 (226.60 to 227.60): V



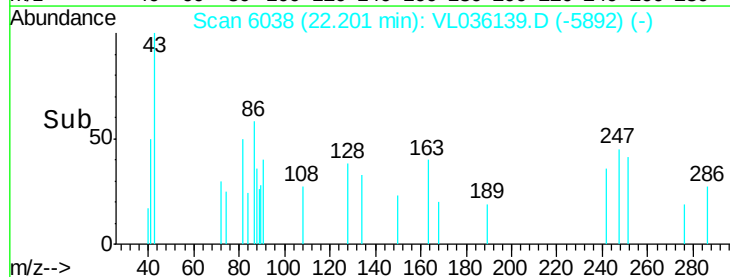
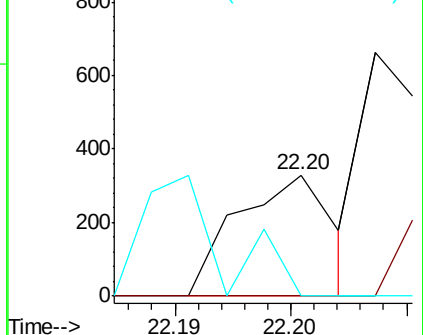
#79

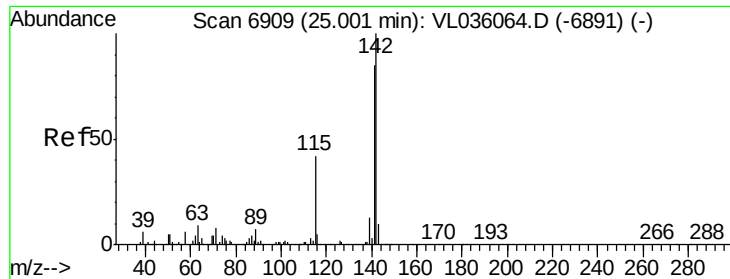
Naphthalene
Concen: 0.001 ppbv
RT: 22.20 min Scan# 6038
Delta R.T. -0.03 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.7	17.5#
129	0.0	9.3	13.9#



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

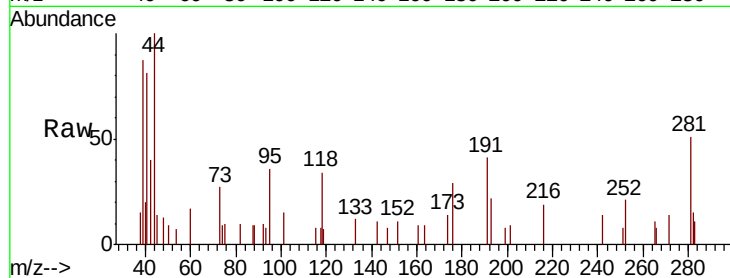




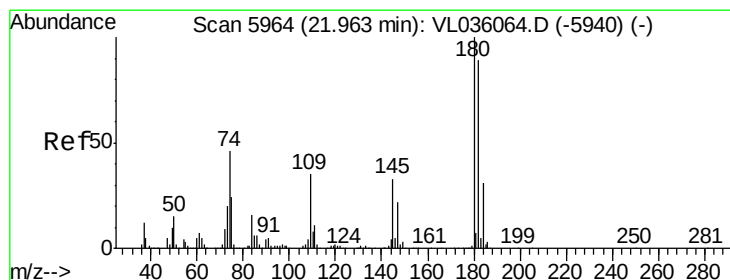
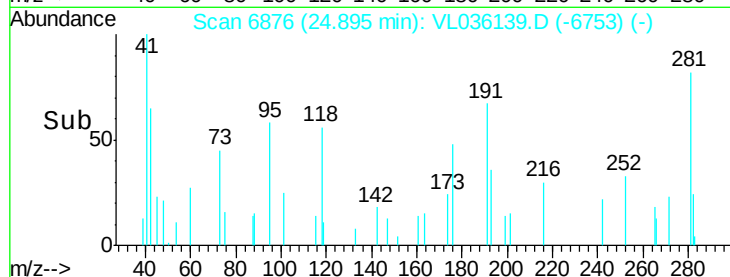
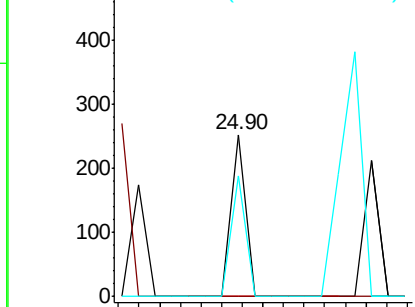
#80

Naphthalene, 2-methyl-
Concen: 0.002 ppbv
RT: 24.90 min Scan# 6876
Delta R.T. -0.11 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tot Ion	Ratio	Lower	Upper
142	100		
141	308.2	64.3	96.5#
115	298.0	33.9	50.9#



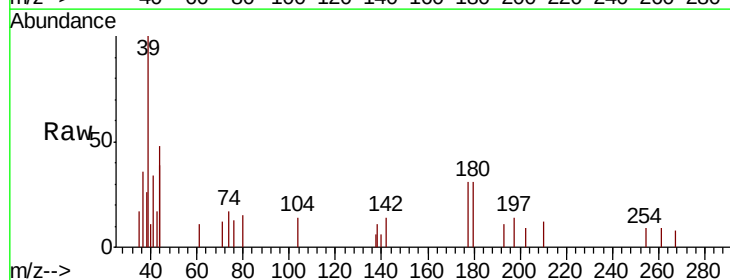
Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V



#81

1,2,4-Trichlorobenzene
Concen: 0.003 ppbv
RT: 21.93 min Scan# 5954
Delta R.T. -0.03 min
Lab File: VL036139.D
Acq: 10 Dec 2020 22:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	293.5	0.0	0.0#
184	54.3	0.0	0.0#



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

