

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\
 Data File : VL036135.D
 Acq On : 10 Dec 2020 19:42
 Operator : SY/AP
 Sample : OC120820 CAN 10320
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 13 22:43:56 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	1325491	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2702007	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	2435938	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2061444	10.66	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.93	85	31	0.000	ppbv # 42
3) Chlorodifluoromethane	2.99	51	192	0.001	ppbv # 1
4) Chloromethane	3.12	50	425	0.006	ppbv # 67
5) Vinyl Chloride	3.29	62	151	0.002	ppbv # 44
6) Bromomethane	3.46	94	93	0.002	ppbv # 1
7) Chloroethane	3.60	64	82	0.003	ppbv # 40
8) Dichlorotetrafluoroethane	3.19	85	35	0.000	ppbv # 1
9) Propene	3.28	41	600	0.008	ppbv # 83
10) Heptane	8.10	43	394	0.002	ppbv # 29
11) Trichlorofluoromethane	4.08	101	71	0.000	ppbv # 19
12) 1,1,2-Trichlorotrifluoroet	4.63	101	106	0.001	ppbv # 95
14) Bromoethene	3.75	108	168	0.003	ppbv # 1
16) 1,3-Butadiene	3.31	39	999	0.012	ppbv # 11
17) tert-Butyl alcohol	4.25	59	149	0.001	ppbv # 71
18) 1,1-Dichloroethene	4.27	96	30	0.001	ppbv # 30
19) Isopropyl Alcohol	3.95	45	79	0.001	ppbv # 100
21) Allyl Chloride	4.41	41	364	0.003	ppbv # 5
22) trans-1,2-Dichloroethene	4.87	96	180	0.003	ppbv # 40
23) Vinyl Acetate	5.07	43	3010	0.014	ppbv # 55
24) 1,1-Dichloroethane	4.99	63	33	0.000	ppbv # 88
25) Ethyl Acetate	5.66	43	358	0.001	ppbv # 75
26) Hexane	5.66	57	698	0.005	ppbv # 1
27) Carbon Disulfide	4.54	76	319	0.002	ppbv # 59
28) Methyl tert-Butyl Ether	5.05	73	314	0.002	ppbv # 51
29) Chloroform	5.75	83	550	0.003	ppbv # 84
30) Cyclohexane	7.10	84	96	0.001	ppbv # 1
31) cis-1,2-Dichloroethene	5.53	61	767	0.006	ppbv # 65
32) 1,1,1-Trichloroethane	6.49	97	48	0.000	ppbv # 2
34) 2-Butanone	5.25	43	4170	0.023	ppbv # 56
35) Carbon Tetrachloride	7.11	117	134	0.001	ppbv # 13
36) Benzene	6.88	78	279	0.001	ppbv # 75
37) 1,2-Dichloroethane	6.29	62	367	0.003	ppbv # 83
38) Trichloroethene	7.82	130	444	0.005	ppbv # 43
40) 1,4-Dioxane	7.82	88	46	0.002	ppbv # 1
41) Tetrahydrofuran	6.06	42	160	0.002	ppbv # 50
42) Bromodichloromethane	7.78	83	225	0.001	ppbv # 25
43) Methyl Methacrylate	8.02	69	184	0.002	ppbv # 1
44) 2,2,4-Trimethylpentane	7.85	57	457	0.001	ppbv # 41
45) t-1,3-Dichloropropene	9.27	75	82	0.001	ppbv # 1
46) cis-1,3-Dichloropropene	8.70	75	196	0.002	ppbv # 39
47) 1,1,2-Trichloroethane	9.46	97	139	0.002	ppbv # 32

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Quant Time: Dec 13 22:43:56 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

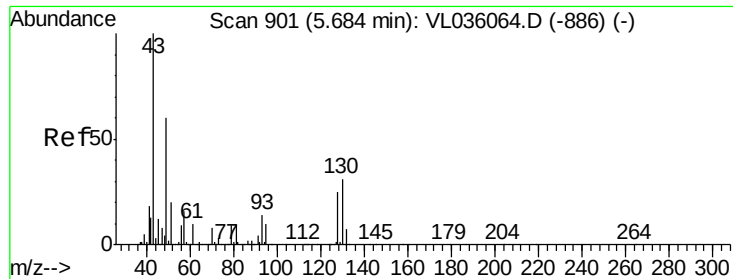
QLast Update : Mon Dec 07 16:56:49 2020

Response via : Initial Calibration

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

48) Dibromochloromethane	10.28	129	149	0.001	ppbv #	10
49) Bromoform	13.02	173	146	0.001	ppbv #	61
50) 4-Methyl-2-Pentanone	8.74	43	574	0.002	ppbv #	40
51) 2-Hexanone	10.06	43	320	0.002	ppbv #	13
52) Tetrachloroethene	11.20	164	184	0.002	ppbv #	22
53) Toluene	9.78	91	539	0.002	ppbv #	21
54) 1,2-Dibromoethane	10.63	107	38	0.000	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.13	131	92	0.001	ppbv #	8
57) Chlorobenzene	12.13	112	400	0.002	ppbv #	84
58) Ethyl Benzene	12.97	91	794	0.002	ppbv	97
59) m/p-Xylene	12.98	91	356	0.001	ppbv #	34
60) o-Xylene	13.68	91	1300	0.005	ppbv	79
61) Styrene	13.52	104	221	0.001	ppbv #	1
62) Isopropylbenzene	14.65	105	447	0.001	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.67	83	709	0.004	ppbv #	25
64) n-propylbenzene	15.54	120	126	0.001	ppbv #	1
65) tert-Butylbenzene	16.74	119	241	0.001	ppbv #	1
66) Benzyl Chloride	16.97	91	148	0.002	ppbv #	1
67) sec-Butylbenzene	17.27	105	173	0.000	ppbv #	60
69) p-Isopropyltoluene	17.63	119	492	0.001	ppbv #	46
70) n-Butylbenzene	18.53	91	415	0.001	ppbv #	33
71) 2-Chlorotoluene	15.77	91	179	0.001	ppbv	92
72) 4-Ethyltoluene	15.82	105	236	0.001	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.98	105	563	0.002	ppbv #	32
74) 1,2,4-Trimethylbenzene	16.75	105	496	0.002	ppbv	95
75) 1,3-Dichlorobenzene	16.97	146	310	0.002	ppbv #	1
76) 1,4-Dichlorobenzene	17.11	146	231	0.002	ppbv #	22
77) 1,2-Dichlorobenzene	17.82	146	439	0.003	ppbv #	41
78) Hexachloro-1,3-Butadiene	23.34	225	206	0.002	ppbv #	46
79) Naphthalene	22.18	128	262	0.002	ppbv #	67
80) Naphthalene,2-methyl-	24.83	142	147	0.005	ppbv #	1
81) 1,2,4-Trichlorobenzene	21.92	180	205	0.002	ppbv #	100

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

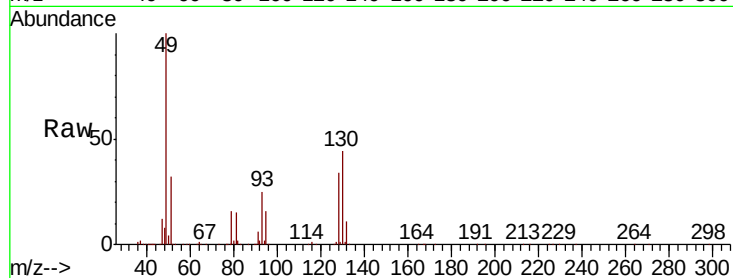
Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tot Ion: 49 Resp: 1325491

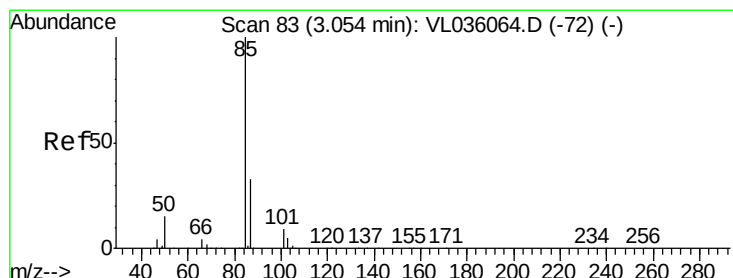
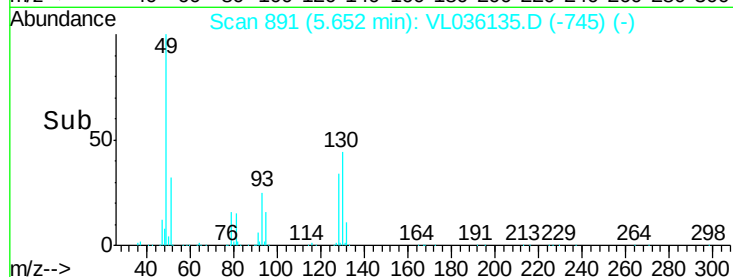
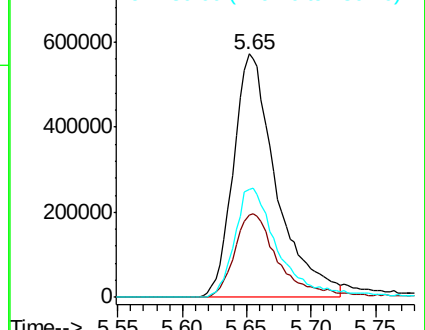
Ion	Ratio	Lower	Upper
49	100		
128	36.6	21.1	63.1
130	46.7	27.1	81.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.000 ppbv

RT: 2.93 min Scan# 43

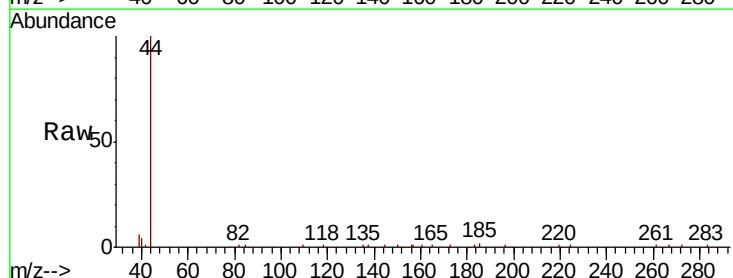
Delta R.T. -0.13 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

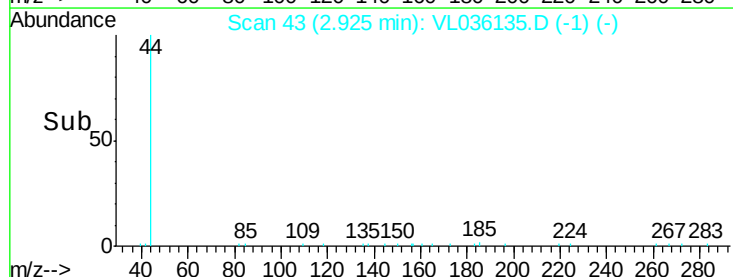
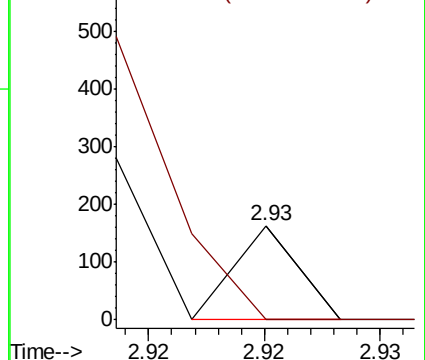
Tgt Ion: 85 Resp: 31

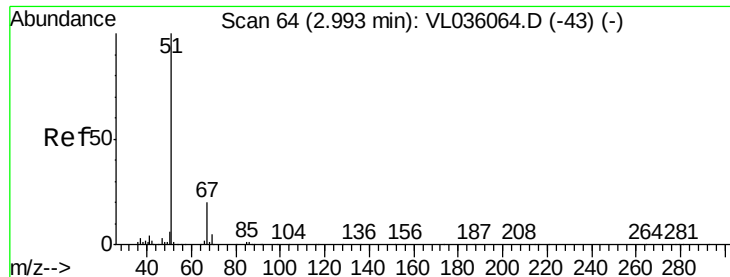
Ion	Ratio	Lower	Upper
85	100		
87	0.0	26.5	39.7#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.001 ppbv

RT: 2.99 min Scan# 62

Delta R.T. -0.01 min

Lab File: VL036135.D

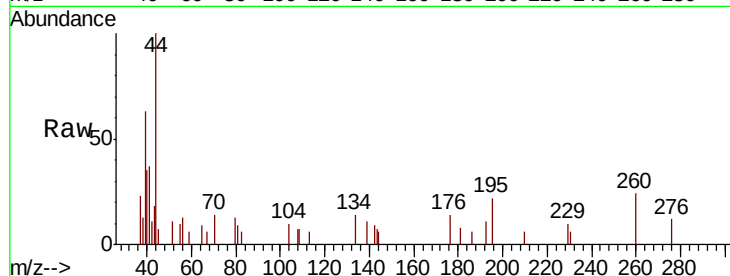
Acq: 10 Dec 2020 19:42

Tot Ion: 51 Resp: 192

Ion Ratio Lower Upper

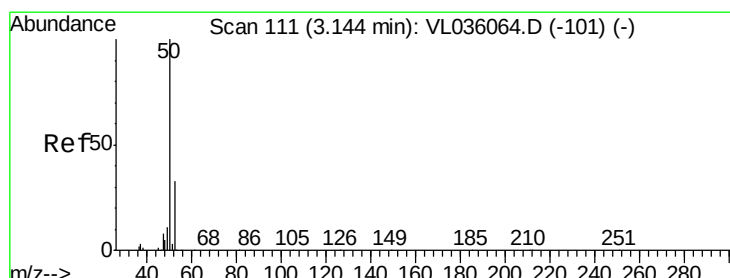
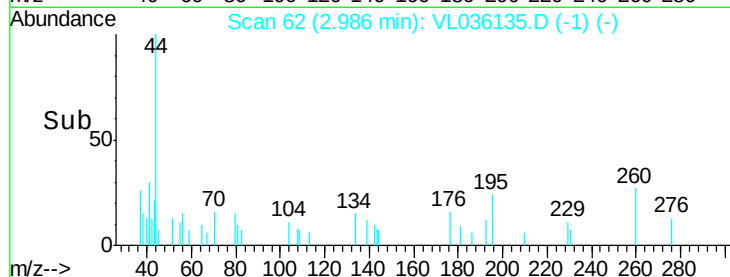
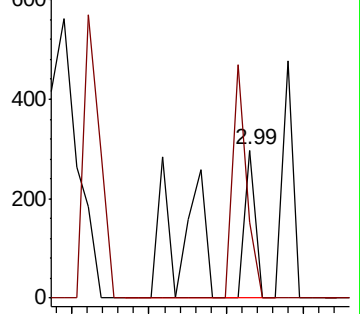
51 100

67 62.5 14.3 21.5#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.006 ppbv

RT: 3.12 min Scan# 105

Delta R.T. -0.02 min

Lab File: VL036135.D

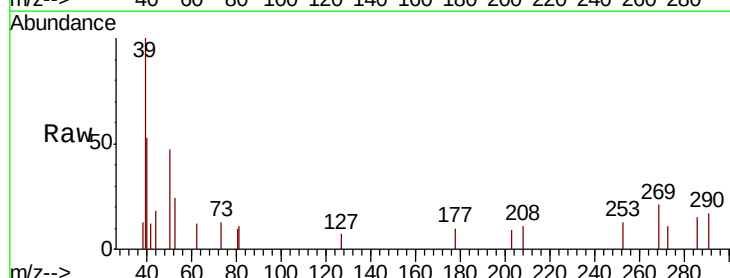
Acq: 10 Dec 2020 19:42

Tgt Ion: 50 Resp: 425

Ion Ratio Lower Upper

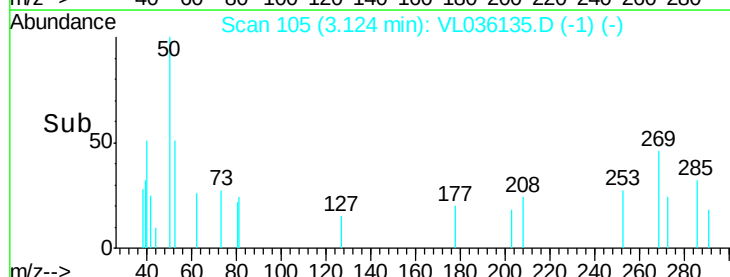
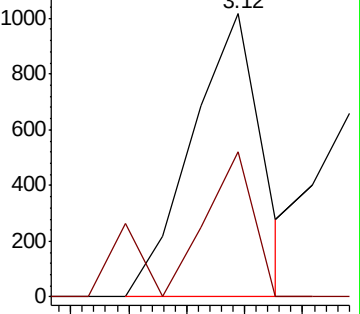
50 100

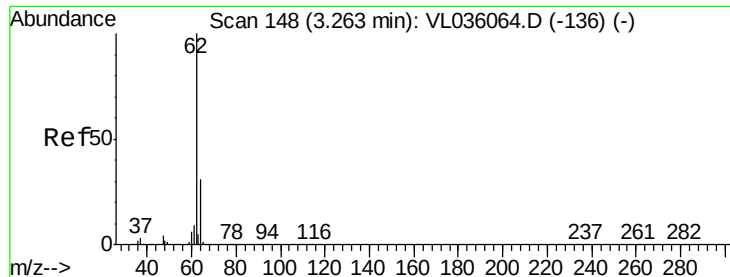
52 51.1 26.1 39.1#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 0.002 ppbv

RT: 3.29 min Scan# 156

Delta R.T. 0.03 min

Lab File: VL036135.D

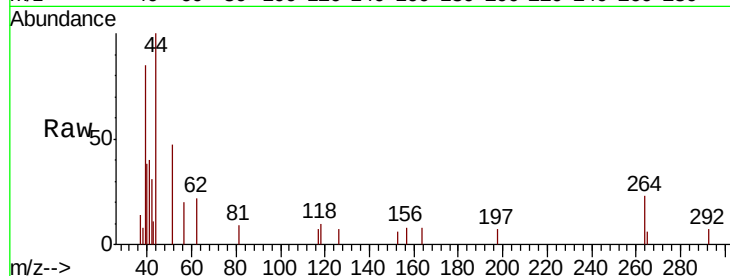
Acq: 10 Dec 2020 19:42

Tot Ion: 62 Resp: 151

Ion Ratio Lower Upper

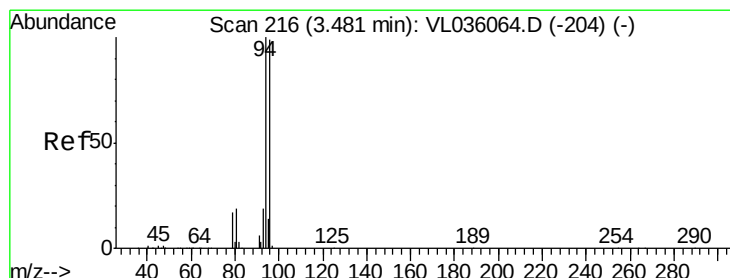
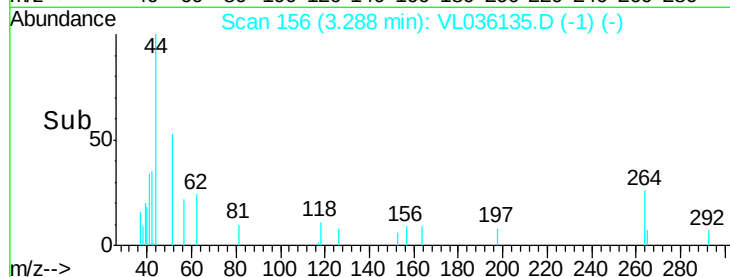
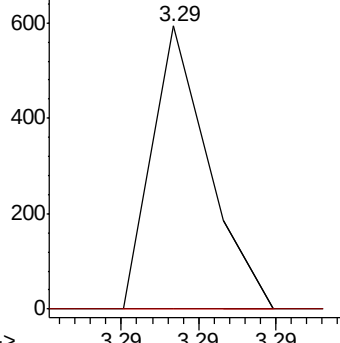
62 100

64 0.0 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: 3.46 min Scan# 210

Delta R.T. -0.02 min

Lab File: VL036135.D

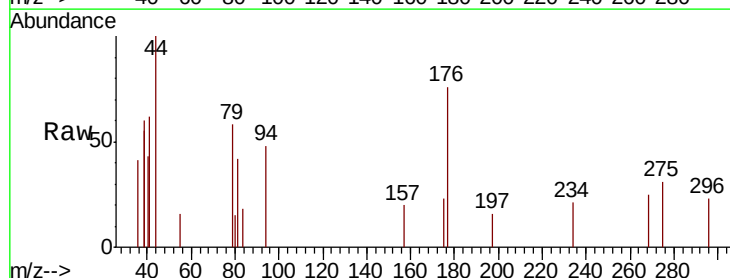
Acq: 10 Dec 2020 19:42

Tgt Ion: 94 Resp: 93

Ion Ratio Lower Upper

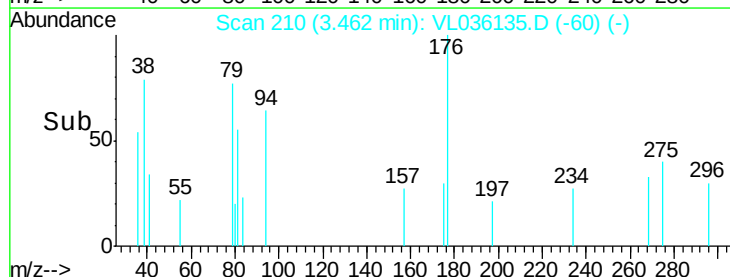
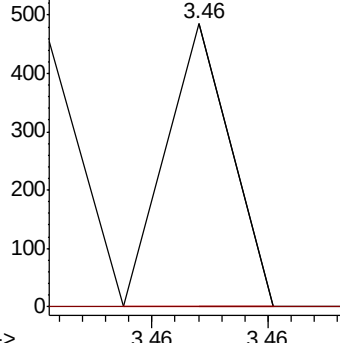
94 100

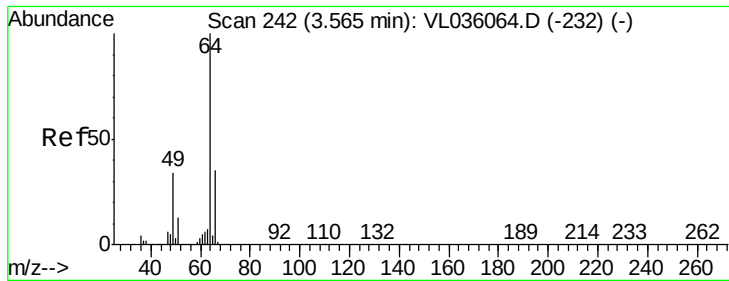
96 0.0 79.4 119.0#



Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0





#7

Chloroethane

Concen: 0.003 ppbv

RT: 3.60 min Scan# 252

Delta R.T. 0.03 min

Lab File: VL036135.D

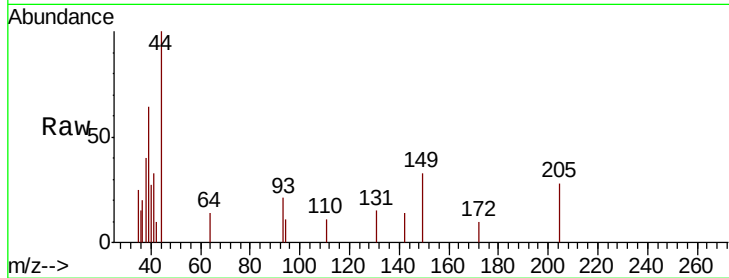
Acq: 10 Dec 2020 19:42

Tot Ion: 64 Resp: 82

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

3.60

250

200

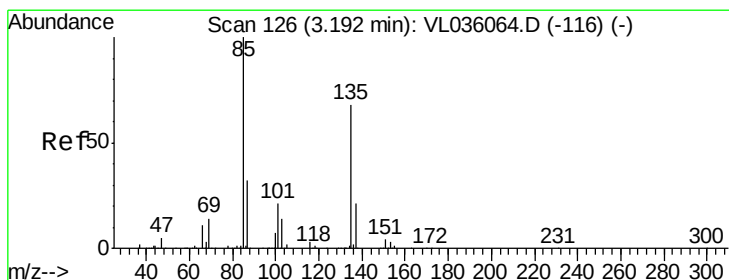
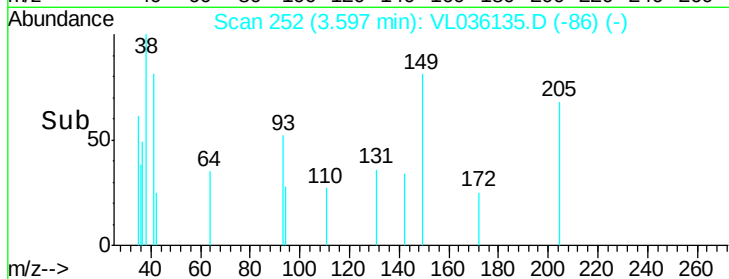
150

100

50

0

Time-->



#8

Dichlorotetrafluoroethane

Concen: 0.000 ppbv

RT: 3.19 min Scan# 125

Delta R.T. -0.00 min

Lab File: VL036135.D

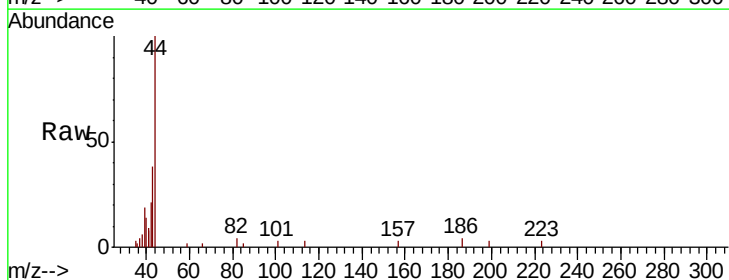
Acq: 10 Dec 2020 19:42

Tgt Ion: 85 Resp: 35

Ion Ratio Lower Upper

85 100

135 285.7 53.8 80.8#



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V

1000

800

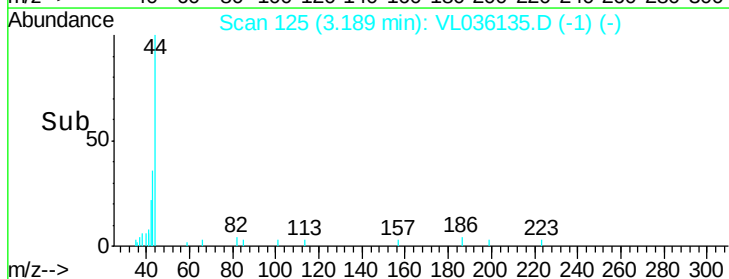
600

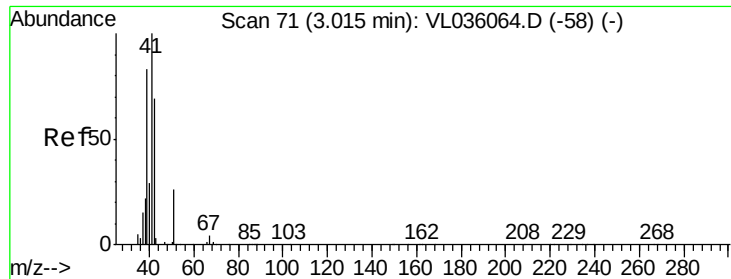
400

200

0

Time-->





#9

Propene

Concen: 0.008 ppbv

RT: 3.28 min Scan# 154

Delta R.T. 0.27 min

Lab File: VL036135.D

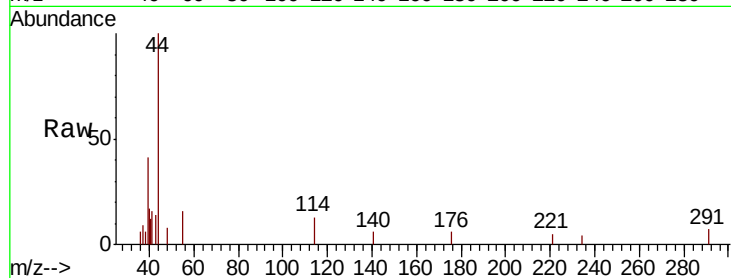
Acq: 10 Dec 2020 19:42

Tot Ion: 41 Resp: 600

Ion Ratio Lower Upper

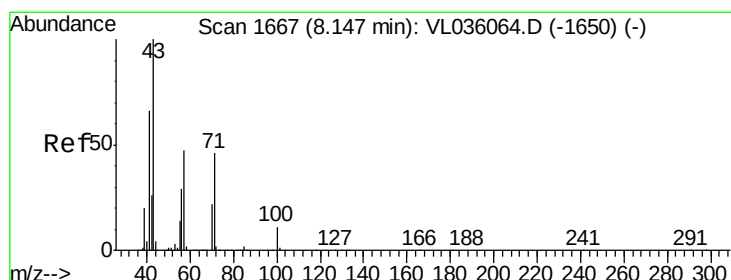
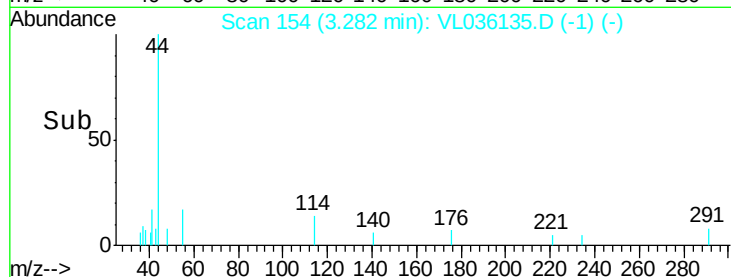
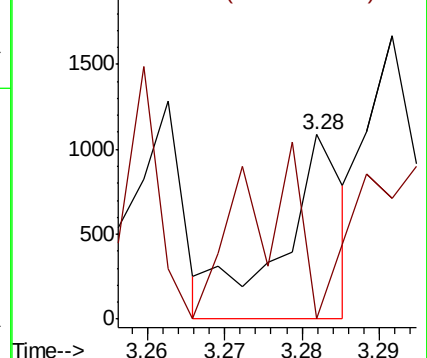
41 100

42 85.0 57.0 85.6



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 0.002 ppbv

RT: 8.10 min Scan# 1651

Delta R.T. -0.05 min

Lab File: VL036135.D

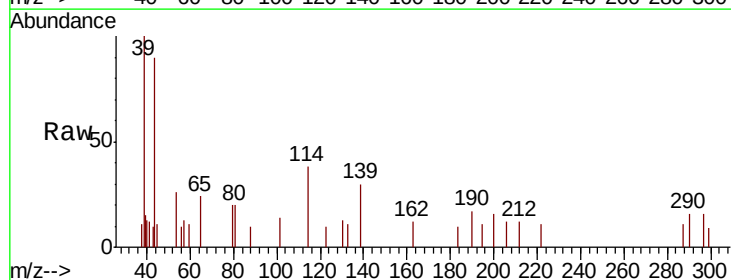
Acq: 10 Dec 2020 19:42

Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

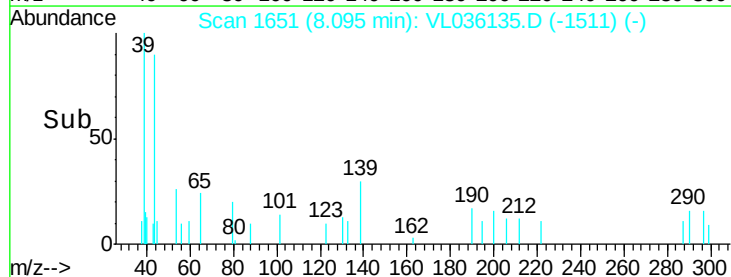
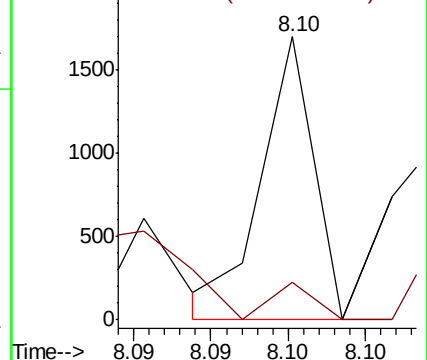
43 100

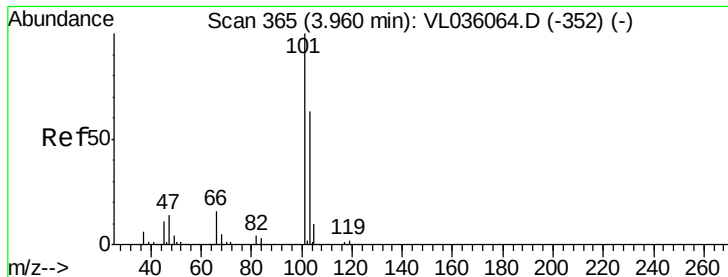
57 0.0 37.9 56.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

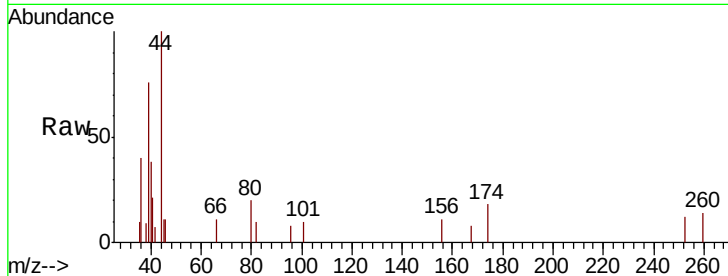




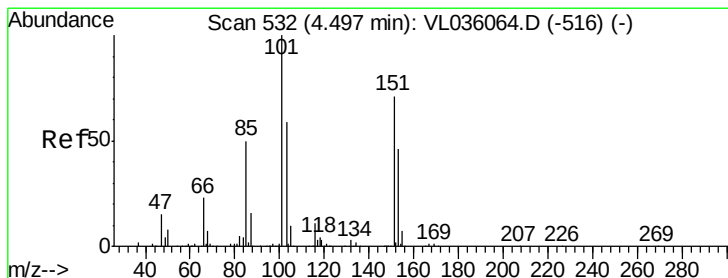
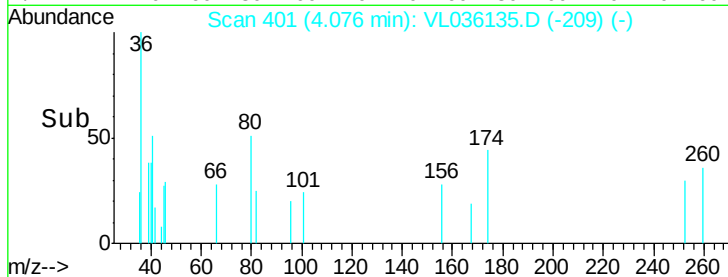
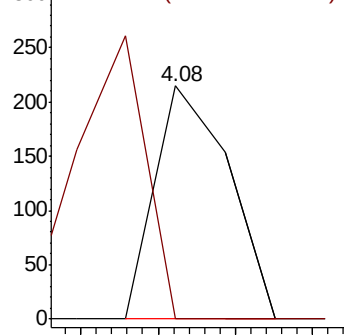
#11

Trichlorofluoromethane
Concen: 0.000 ppbv
RT: 4.08 min Scan# 401
Delta R.T. 0.12 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tot Ion:101 Resp: 71
Ion Ratio Lower Upper
101 100
103 0.0 50.3 75.5#



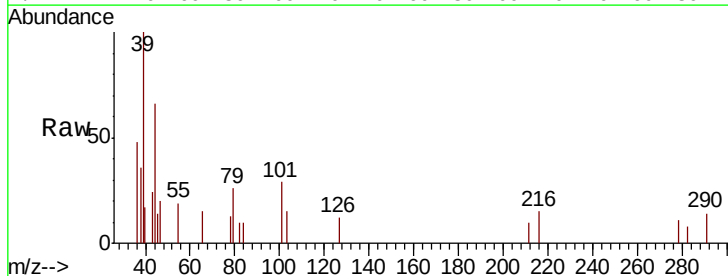
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



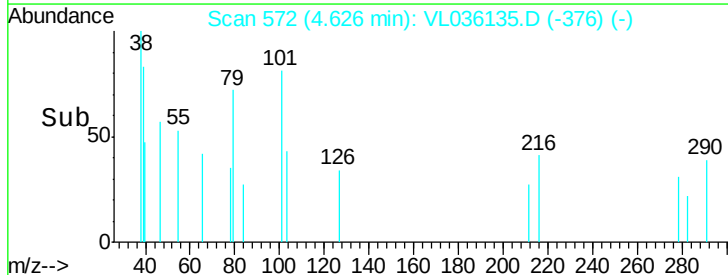
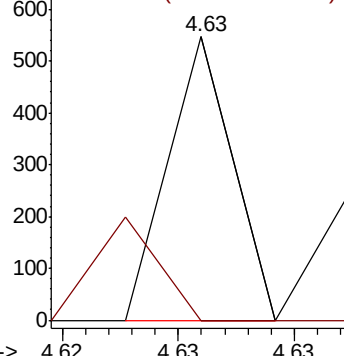
#12

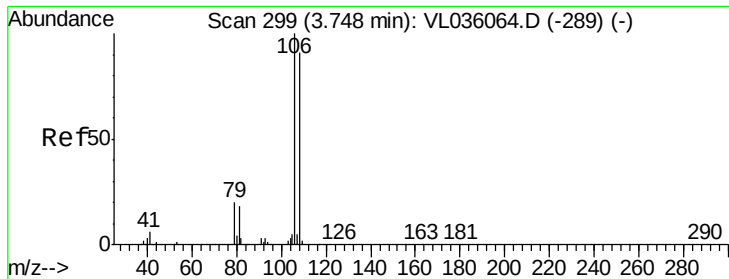
1,1,2-Trichlorotrifluoroethane
Concen: 0.001 ppbv
RT: 4.63 min Scan# 572
Delta R.T. 0.13 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion:101 Resp: 106
Ion Ratio Lower Upper
101 100
151 78.3 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: 0.003 ppbv

RT: 3.75 min Scan# 299

Delta R.T. 0.00 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

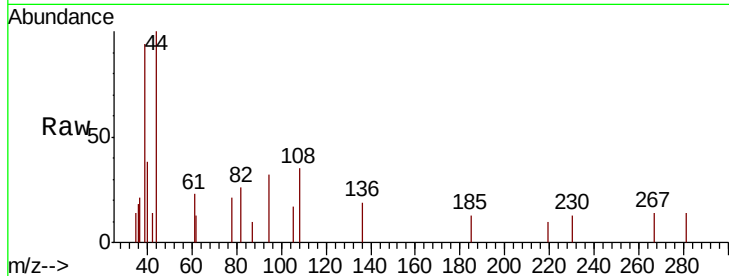
Tot Ion:108 Resp: 168

Ion Ratio Lower Upper

108 100

106 0.0 91.0 136.4#

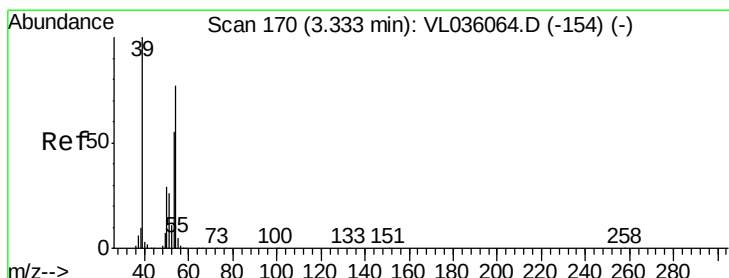
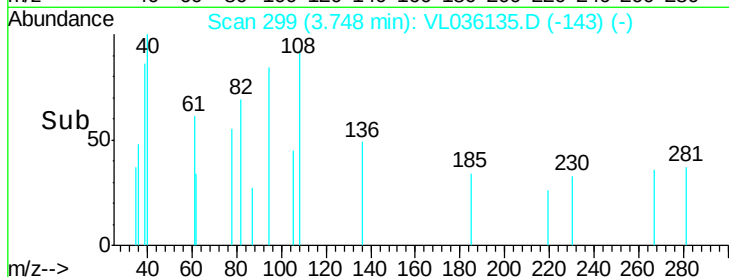
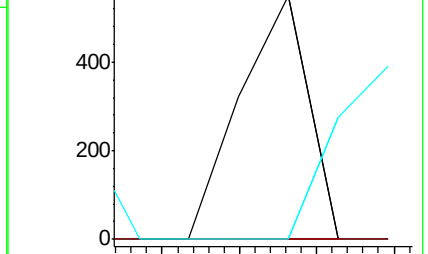
79 103.0 19.3 28.9#



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



#16

1,3-Butadiene

Concen: 0.012 ppbv

RT: 3.31 min Scan# 163

Delta R.T. -0.02 min

Lab File: VL036135.D

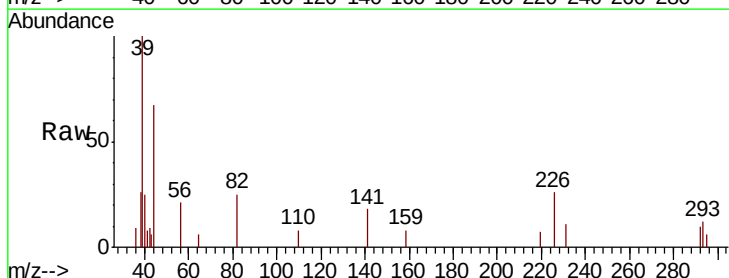
Acq: 10 Dec 2020 19:42

Tgt Ion: 39 Resp: 999

Ion Ratio Lower Upper

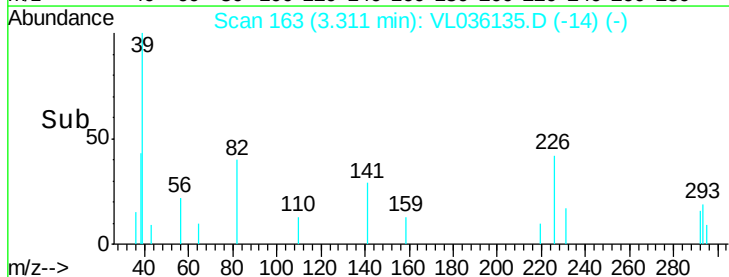
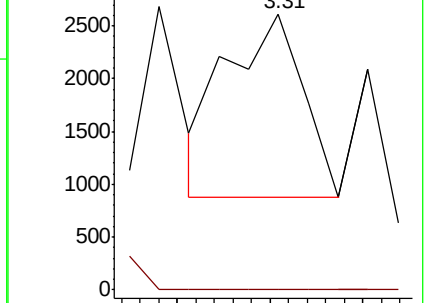
39 100

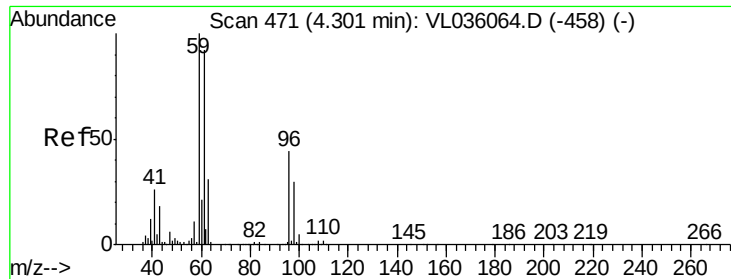
54 0.0 62.1 93.1#



Abundance Ion 39.10 (38.80 to 39.80): VL0

Ion 54.10 (53.80 to 54.80): VL0





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 4.25 min Scan# 454

Delta R.T. -0.05 min

Lab File: VL036135.D

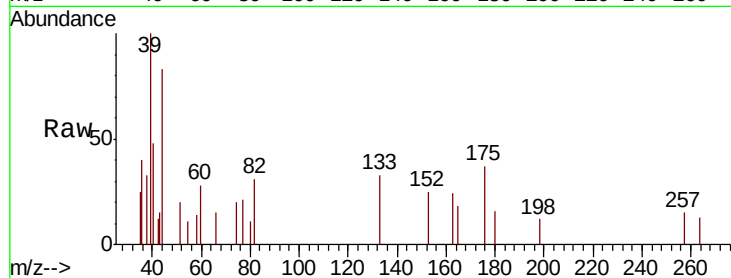
Acq: 10 Dec 2020 19:42

Tot Ion: 59 Resp: 149

Ion Ratio Lower Upper

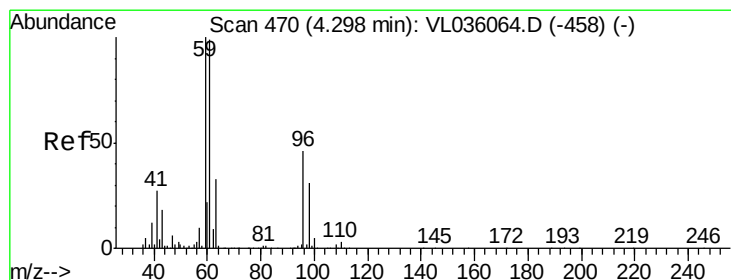
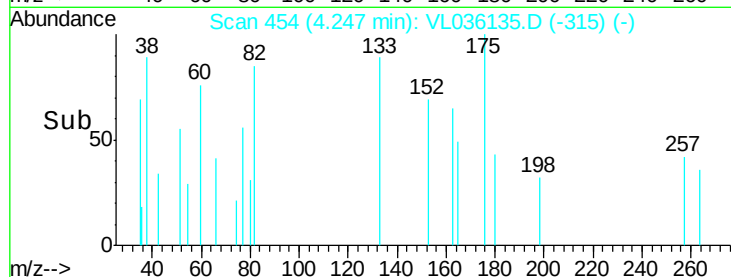
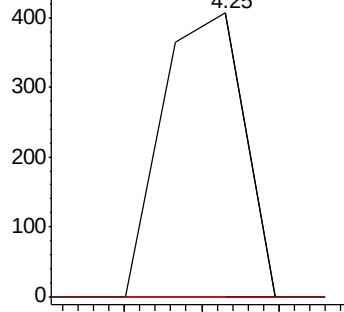
59 100

57 0.0 8.7 13.1#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.001 ppbv

RT: 4.27 min Scan# 462

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

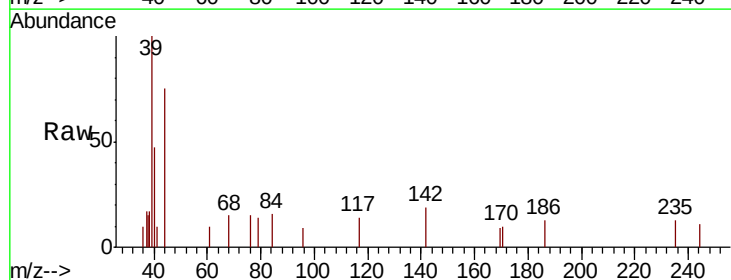
Tgt Ion: 96 Resp: 30

Ion Ratio Lower Upper

96 100

61 110.8 171.4 257.2#

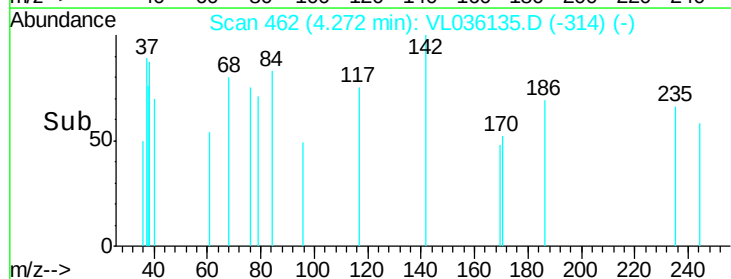
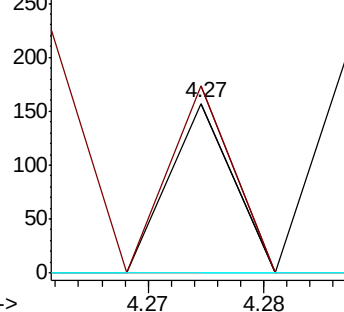
98 0.0 54.2 81.2#

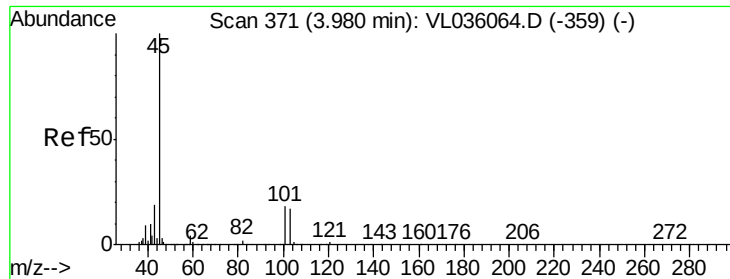


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 0.001 ppbv

RT: 3.95 min Scan# 362

Delta R.T. -0.03 min

Lab File: VL036135.D

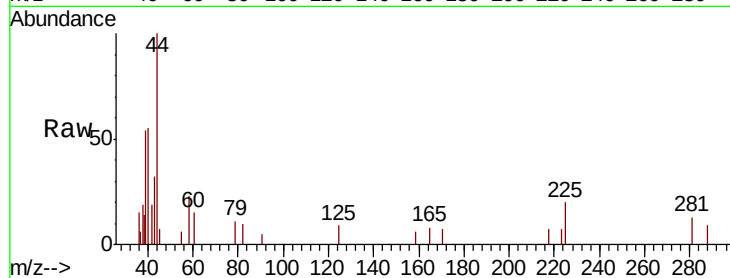
Acq: 10 Dec 2020 19:42

Tot Ion: 45 Resp: 79

Ion Ratio Lower Upper

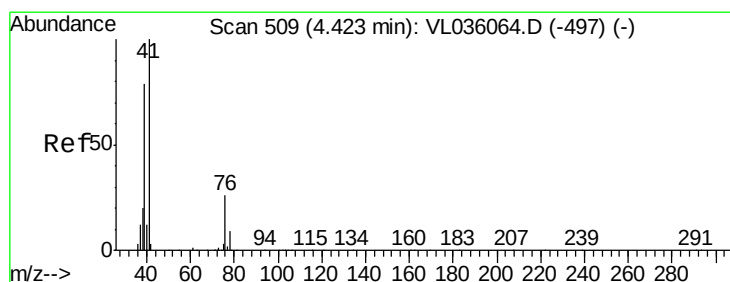
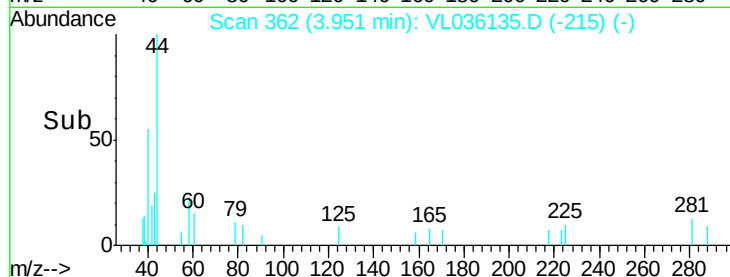
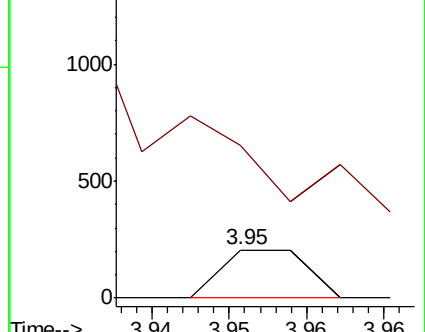
45 100

58 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#21

Allyl Chloride

Concen: 0.003 ppbv

RT: 4.41 min Scan# 504

Delta R.T. -0.02 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

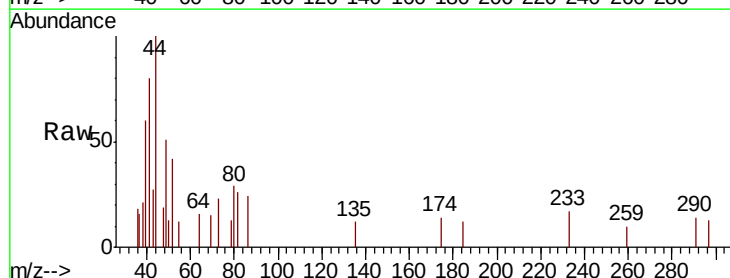
Tgt Ion: 41 Resp: 364

Ion Ratio Lower Upper

41 100

76 0.0 21.0 31.4#

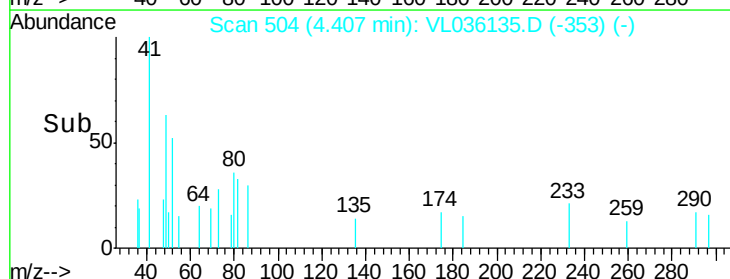
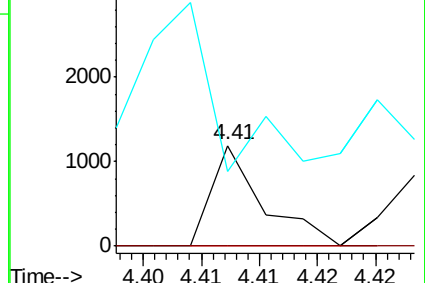
39 180.8 66.0 99.0#

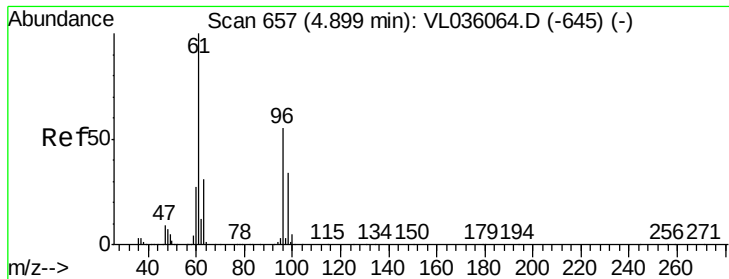


Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#22

trans-1,2-Dichloroethene

Concen: 0.003 ppbv

RT: 4.87 min Scan# 647

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

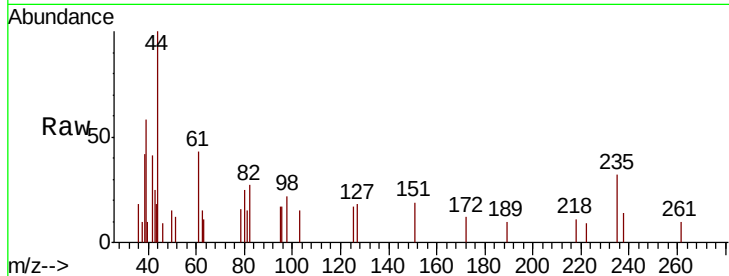
Tot Ion: 96 Resp: 180

Ion Ratio Lower Upper

96 100

61 254.8 145.7 218.5#

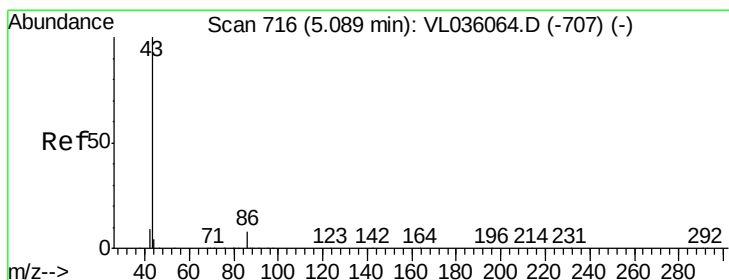
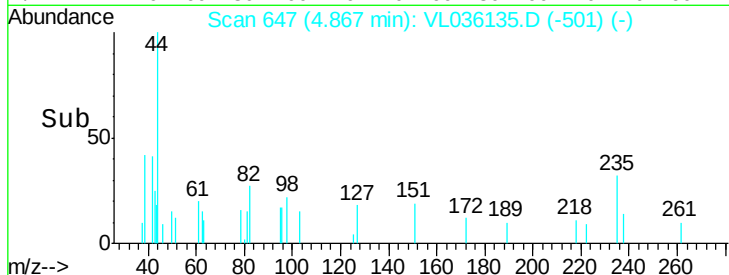
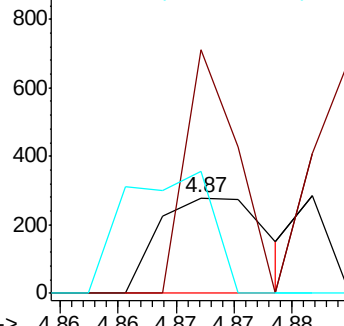
98 127.6 49.2 73.8#



Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0



#23

Vinyl Acetate

Concen: 0.014 ppbv

RT: 5.07 min Scan# 709

Delta R.T. -0.02 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion: 43 Resp: 3010

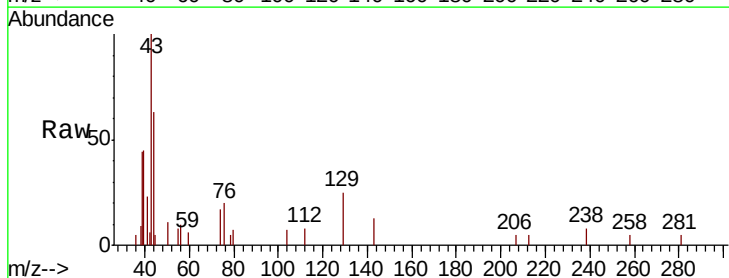
Ion Ratio Lower Upper

43 100

86 0.0 5.0 7.4#

42 0.0 7.8 11.6#

44 46.9 3.2 4.8#

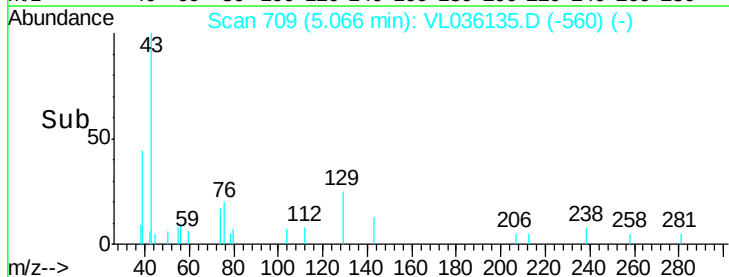
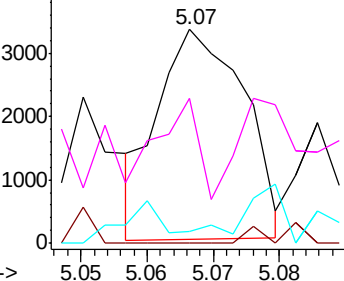


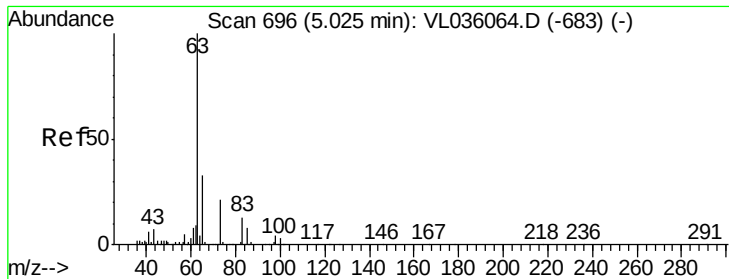
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.000 ppbv

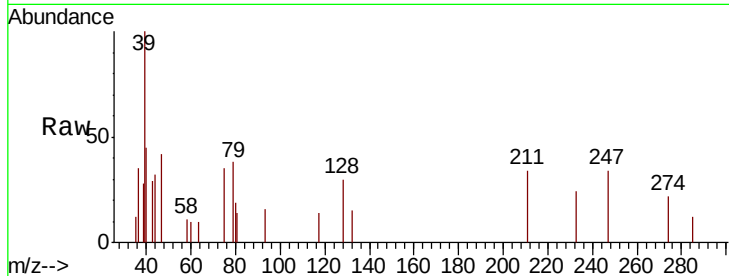
RT: 4.99 min Scan# 686

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

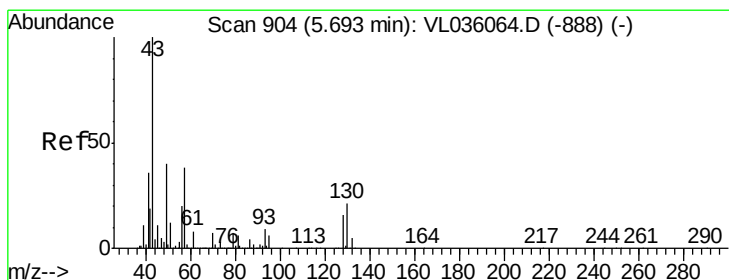
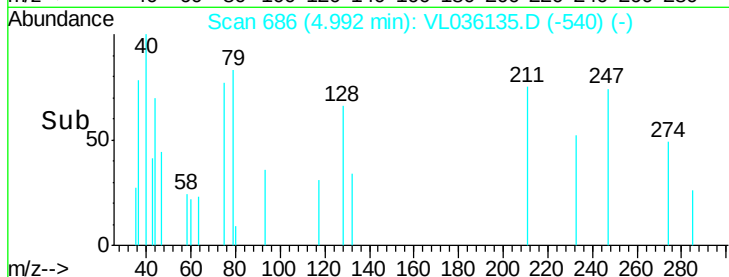
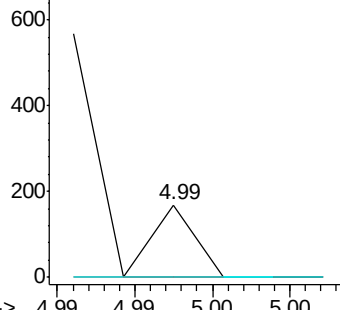
Tot Ion:	63	Resp:	33
Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.2	6.6#
100	0.0	1.5	4.4#



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



#25

Ethyl Acetate

Concen: 0.001 ppbv

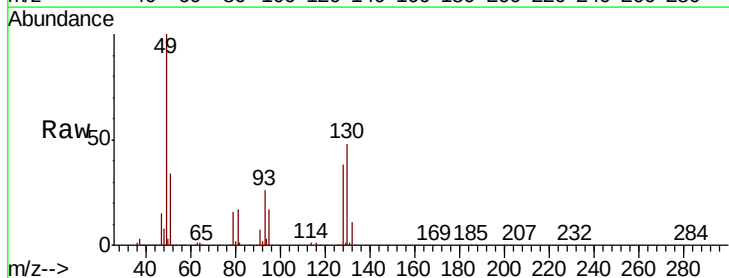
RT: 5.66 min Scan# 895

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion:	43	Resp:	358
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.2	12.4#
61	0.0	7.4	11.2#
70	0.0	5.4	8.0#

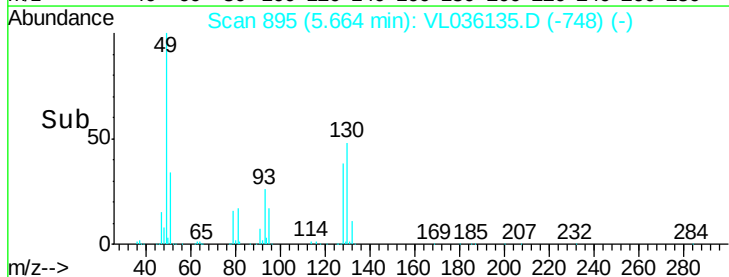
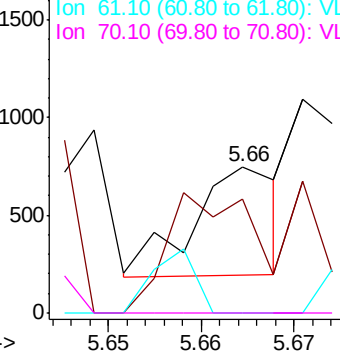


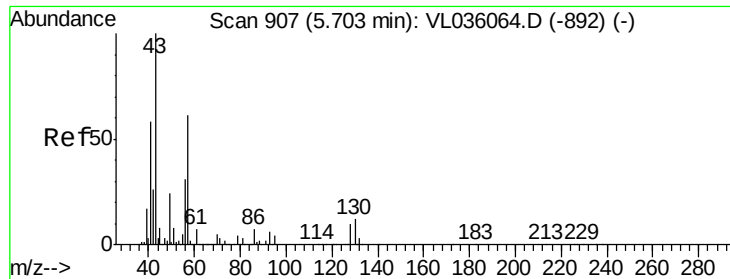
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 5.66 min Scan# 895

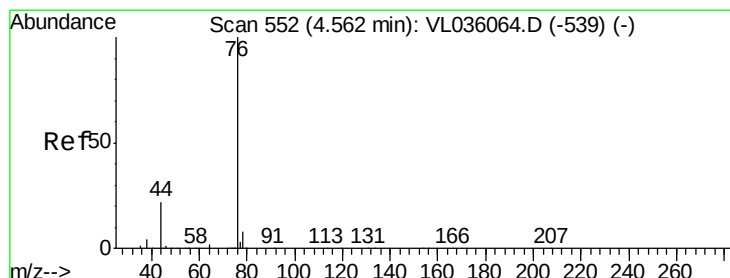
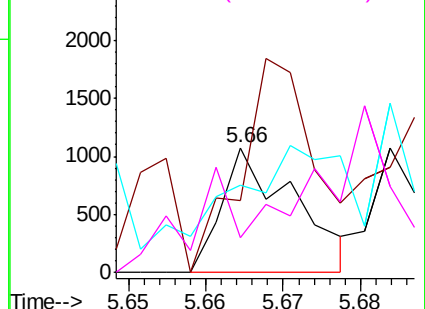
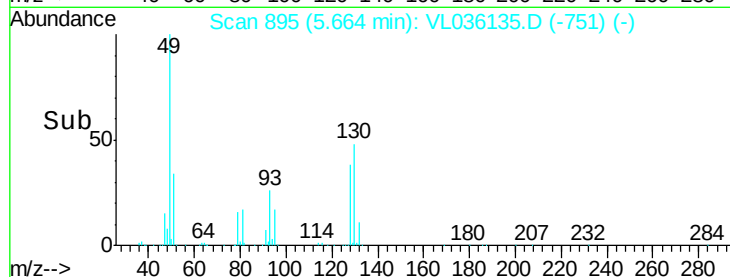
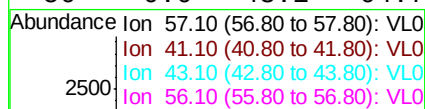
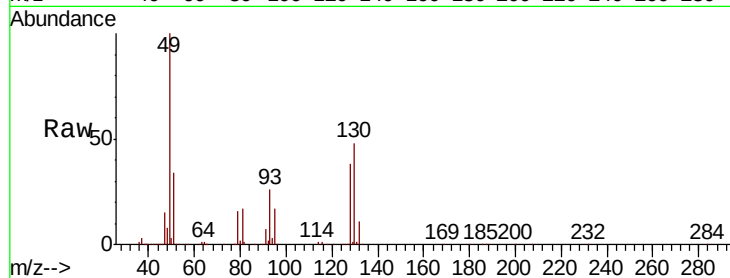
Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tot Ion: 57 Resp: 698

Ion	Ratio	Lower	Upper
57	100		
41	494.0	82.9	124.3#
43	0.0	199.9	299.9#
56	0.0	43.1	64.7#



#27

Carbon Disulfide

Concen: 0.002 ppbv

RT: 4.54 min Scan# 544

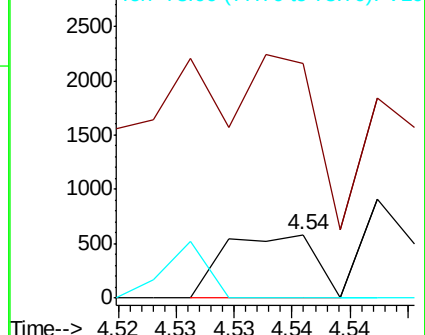
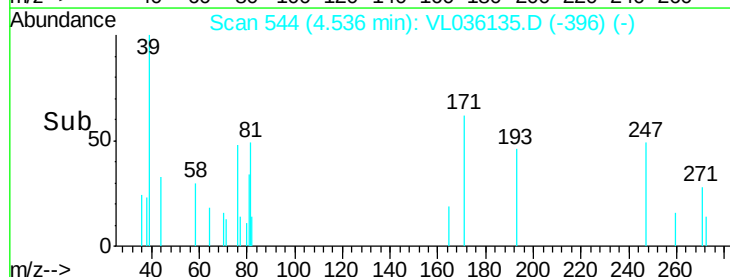
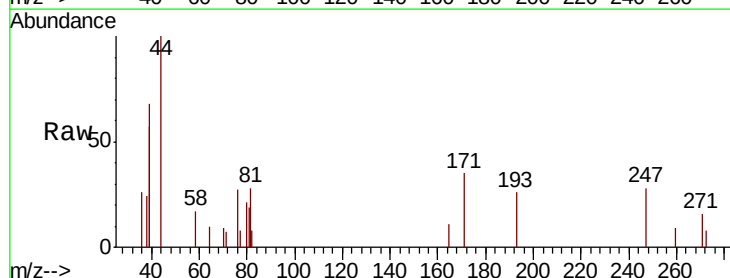
Delta R.T. -0.03 min

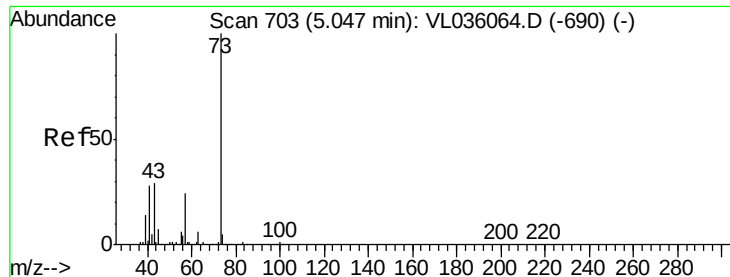
Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion: 76 Resp: 319

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

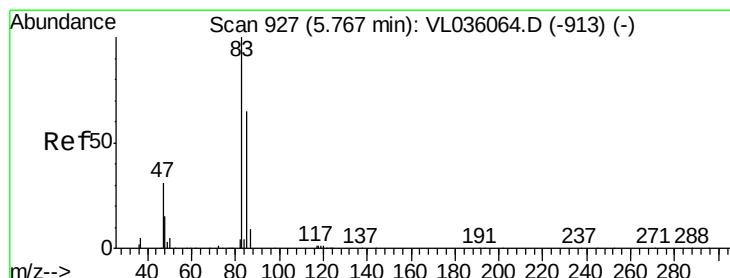
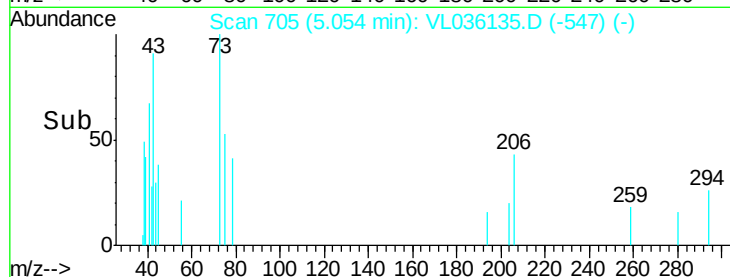
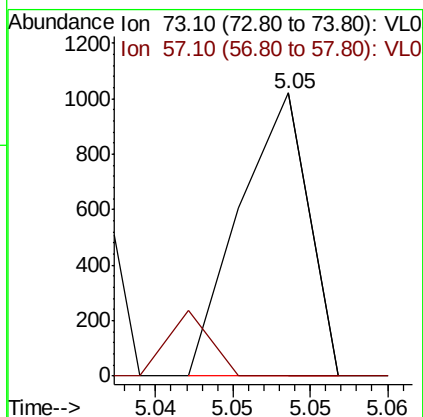
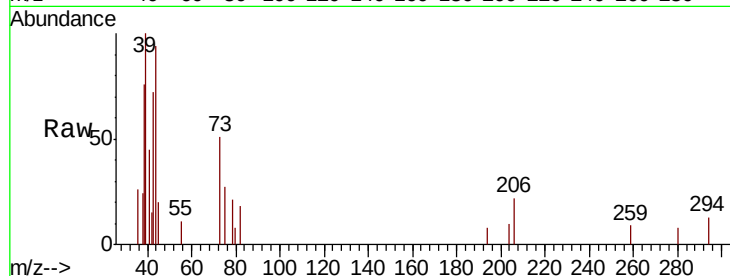




#28

Methyl tert-Butyl Ether
 Concen: 0.002 ppbv
 RT: 5.05 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

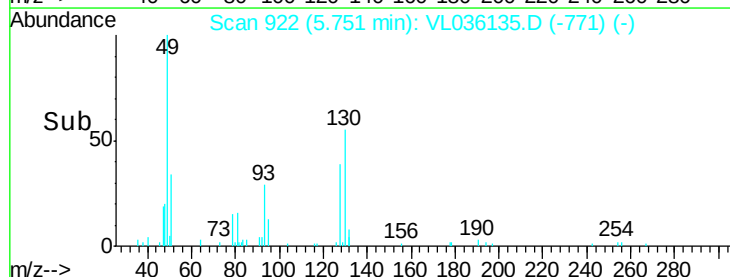
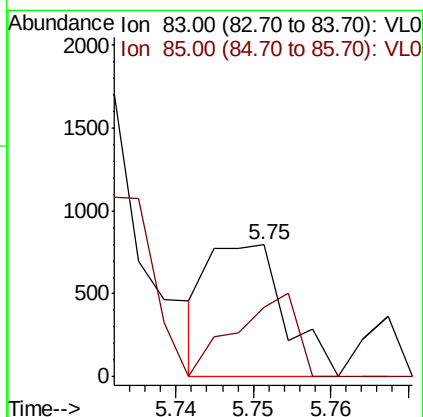
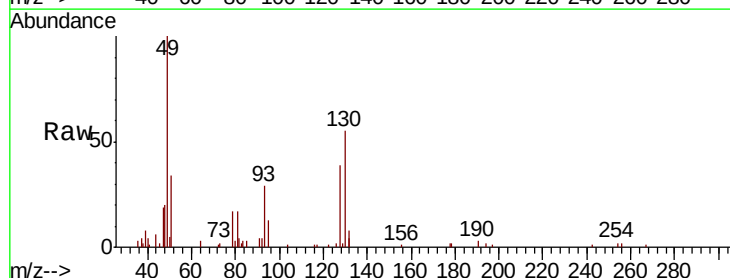
Tot Ion: 73 Resp: 314
 Ion Ratio Lower Upper
 73 100
 57 0.0 19.2 28.8#

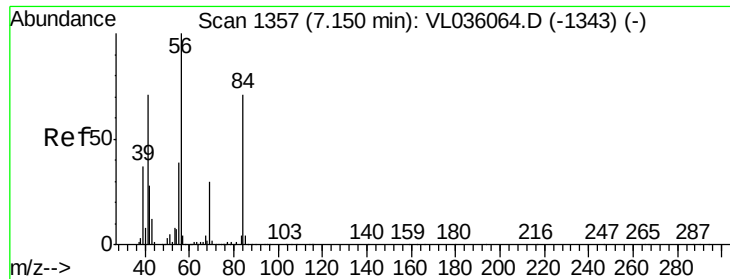


#29

Chloroform
 Concen: 0.003 ppbv
 RT: 5.75 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

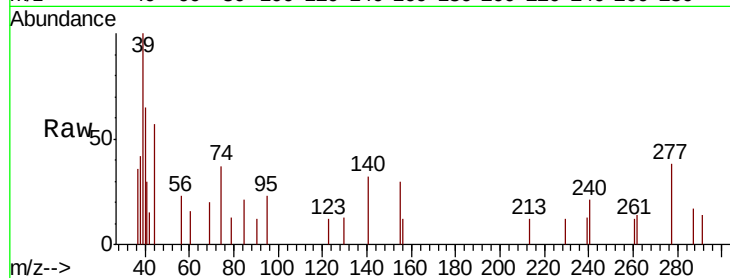
Tgt Ion: 83 Resp: 550
 Ion Ratio Lower Upper
 83 100
 85 52.5 51.8 77.6



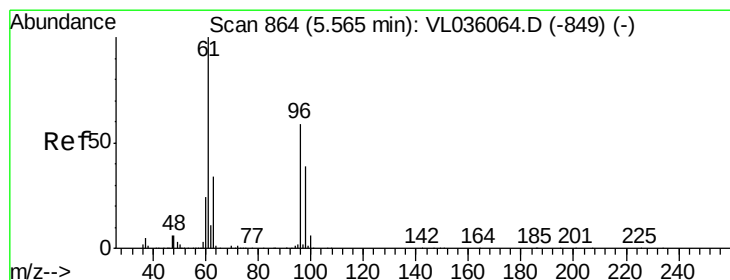
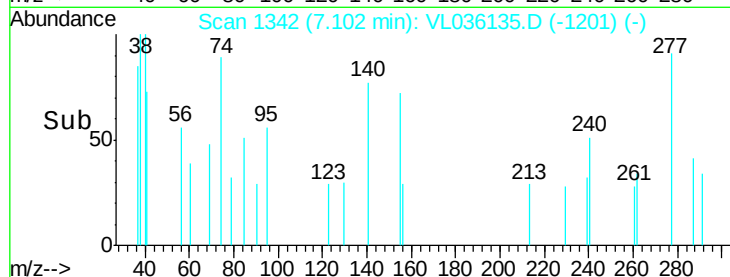
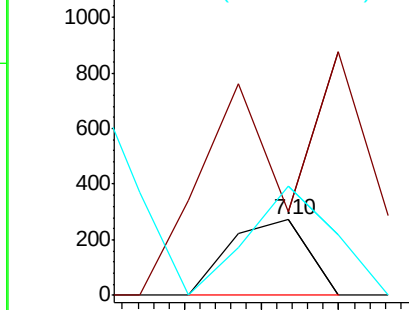


#30
Cvclohexane
Concen: 0.001 ppbv
RT: 7.10 min Scan# 1342
Delta R.T. -0.05 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	128.0	192.0#
41	0.0	81.3	121.9#

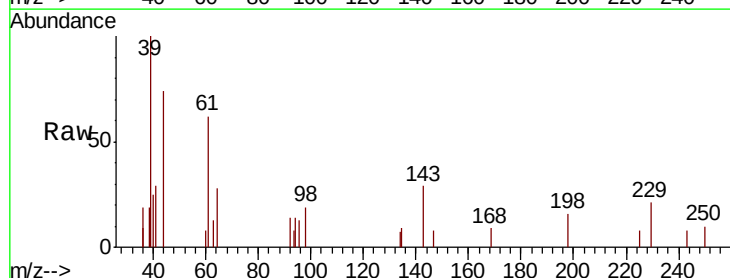


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

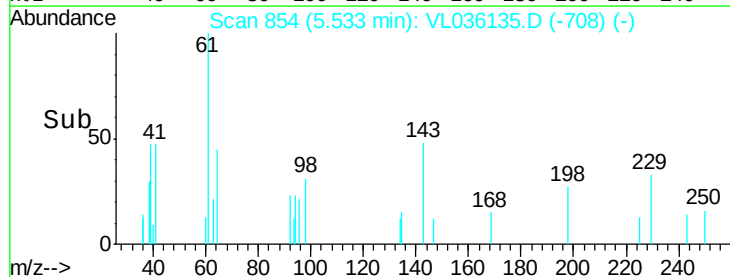
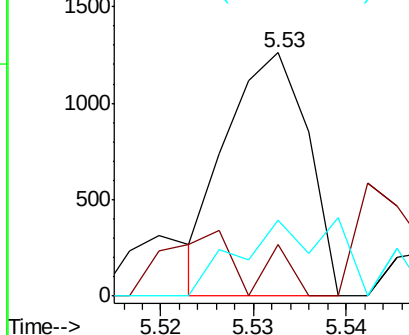


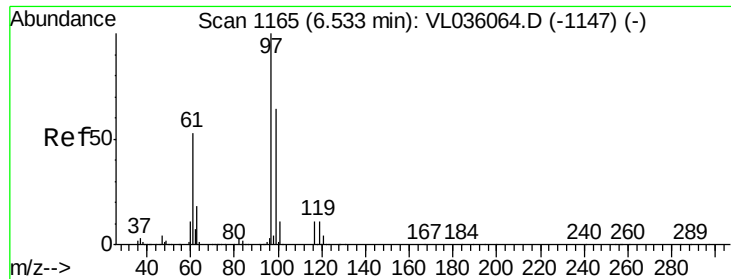
#31
cis-1,2-Dichloroethene
Concen: 0.006 ppbv
RT: 5.53 min Scan# 854
Delta R.T. -0.03 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion	Ratio	Lower	Upper
61	100		
96	21.4	47.3	70.9#
98	31.2	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: 0.000 ppbv

RT: 6.49 min Scan# 1152

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

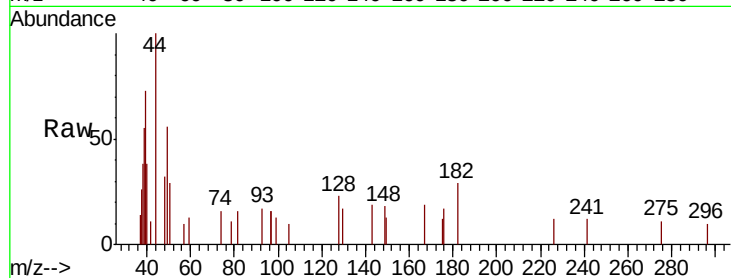
Tot Ion: 97 Resp: 48

Ion Ratio Lower Upper

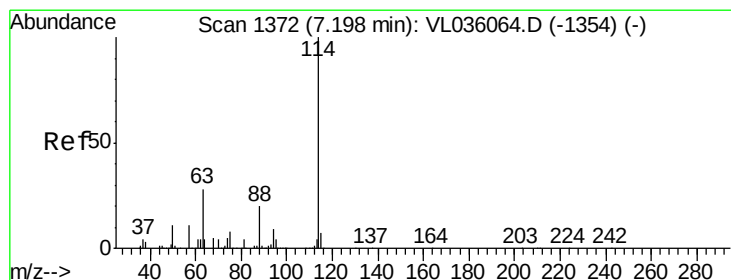
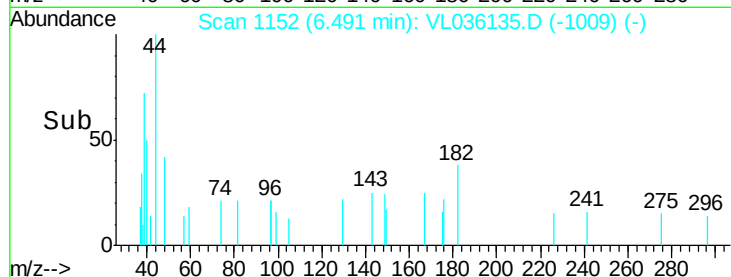
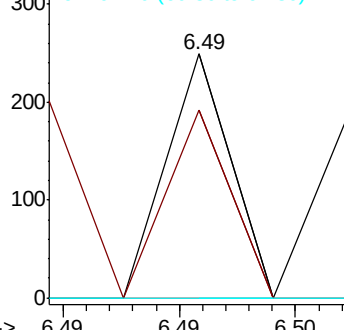
97 100

99 158.3 52.4 78.6#

61 0.0 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# 1361

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

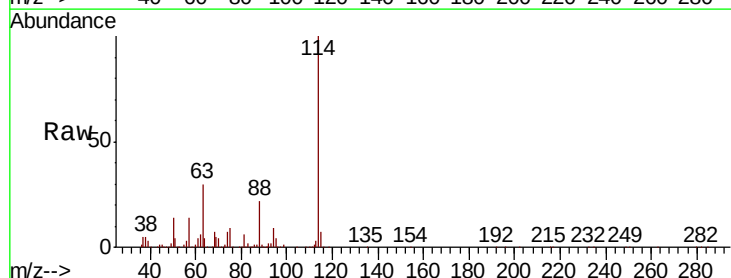
Tgt Ion: 114 Resp: 2702007

Ion Ratio Lower Upper

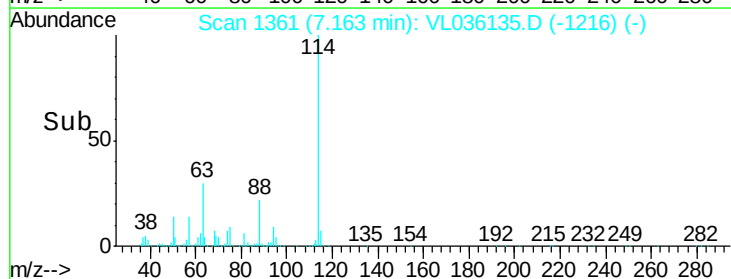
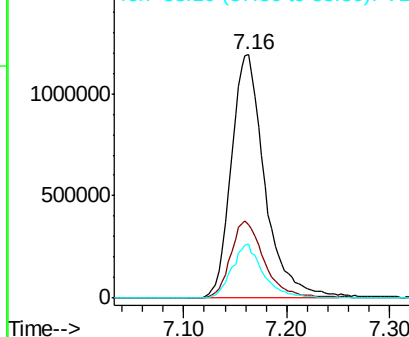
114 100

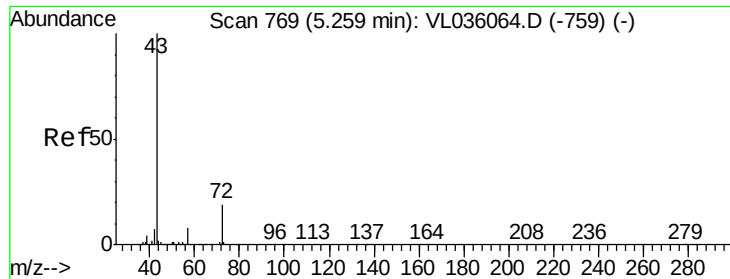
63 32.1 23.6 35.4

88 21.0 15.8 23.6



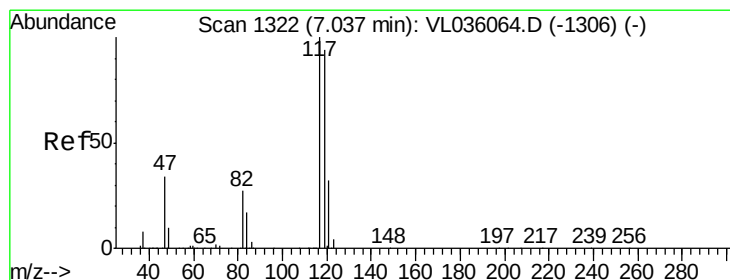
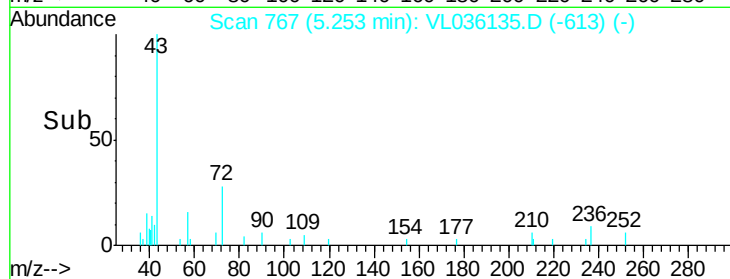
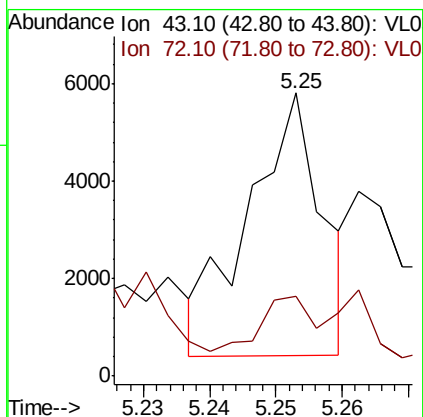
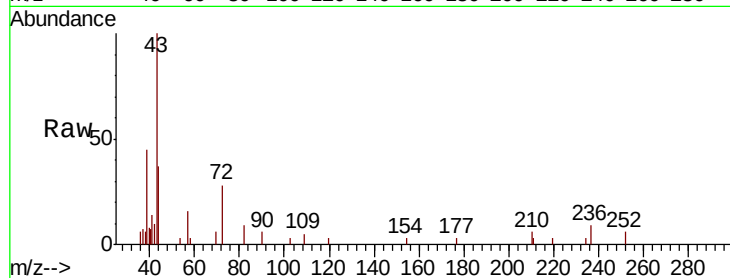
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





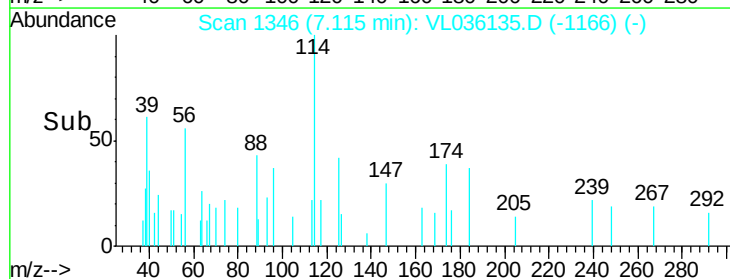
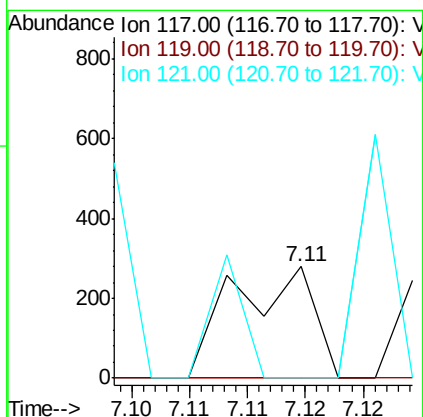
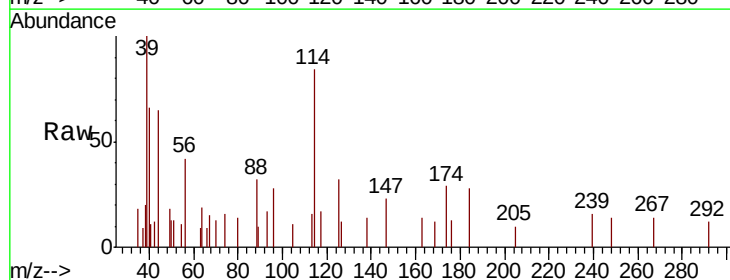
#34
2-Butanone
Concen: 0.023 ppbv
RT: 5.25 min Scan# 767
Delta R.T. -0.01 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

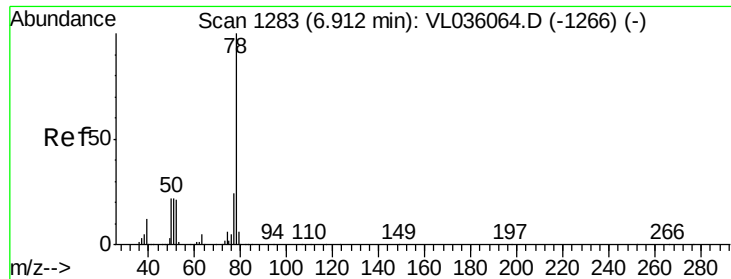
Tot Ion: 43 Resp: 4170
Ion Ratio Lower Upper
43 100
72 0.0 16.5 24.7#



#35
Carbon Tetrachloride
Concen: 0.001 ppbv
RT: 7.11 min Scan# 1346
Delta R.T. 0.08 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion: 117 Resp: 134
Ion Ratio Lower Upper
117 100
119 0.0 75.1 112.7#
121 0.0 25.6 38.4#





#36

Benzene

Concen: 0.001 ppbv

RT: 6.88 min Scan# 1272

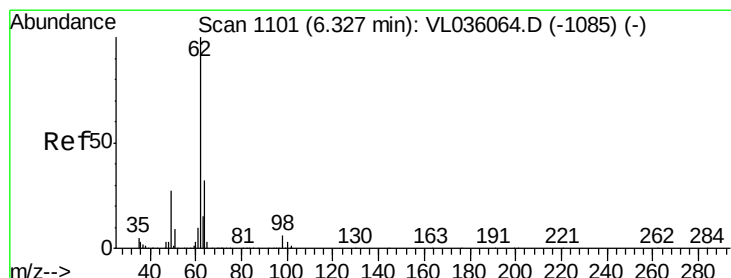
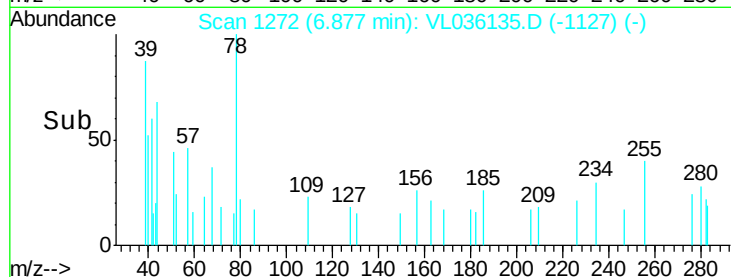
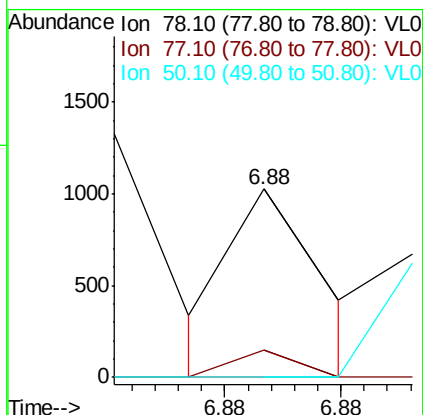
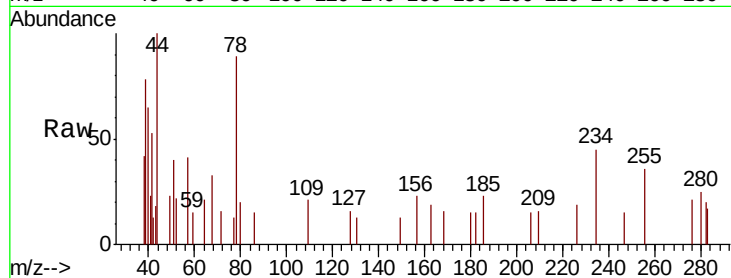
Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tot Ion: 78 Resp: 279

Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.4	29.2
50	0.0	17.8	26.8#



#37

1,2-Dichloroethane

Concen: 0.003 ppbv

RT: 6.29 min Scan# 1091

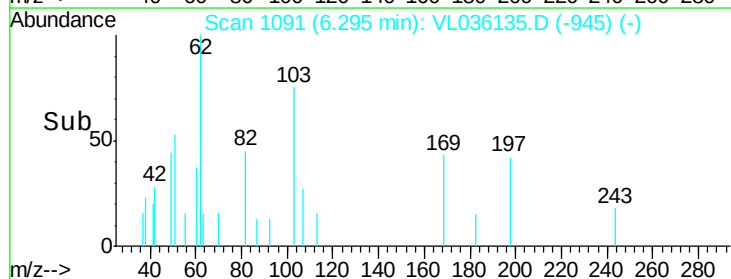
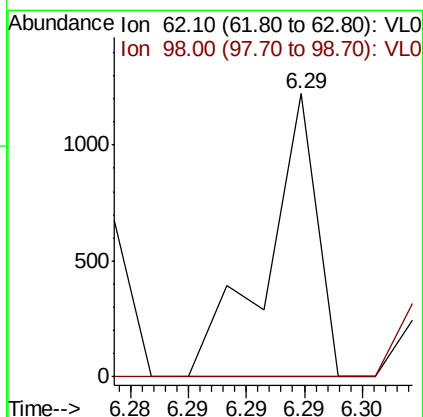
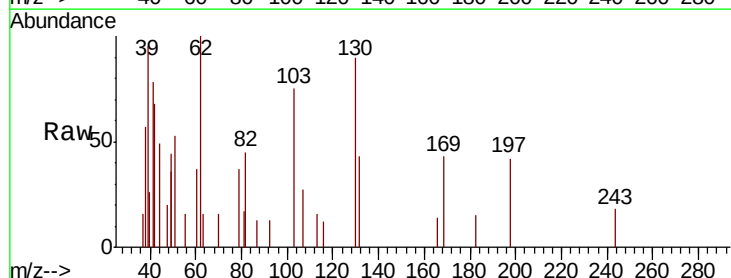
Delta R.T. -0.03 min

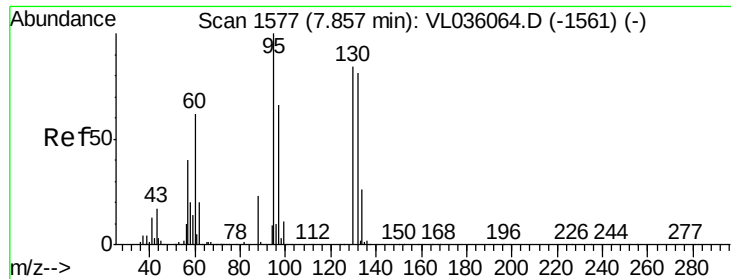
Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion: 62 Resp: 367

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.6	7.0#





#38

Trichloroethene

Concen: 0.005 ppbv

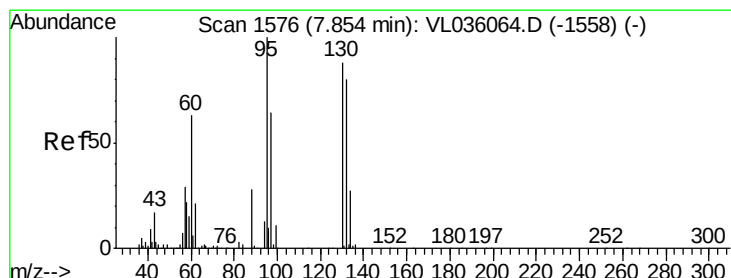
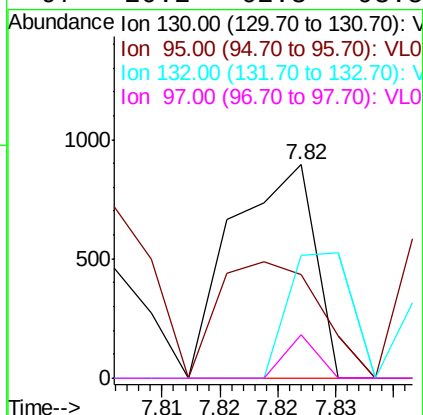
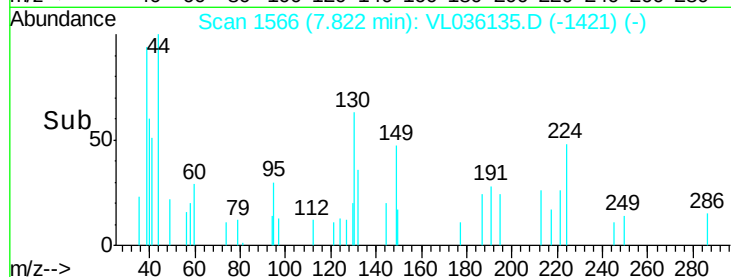
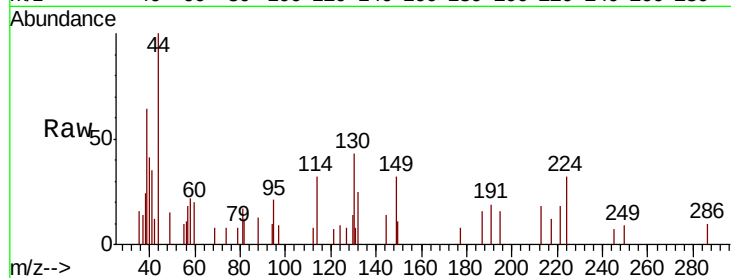
RT: 7.82 min Scan# 1566

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tot Ion:	130	Resp:	444
Ion	Ratio	Lower	Upper
130	100		
95	48.4	95.2	142.8#
132	57.3	76.9	115.3#
97	20.2	62.3	93.5#



#40

1,4-Dioxane

Concen: 0.002 ppbv

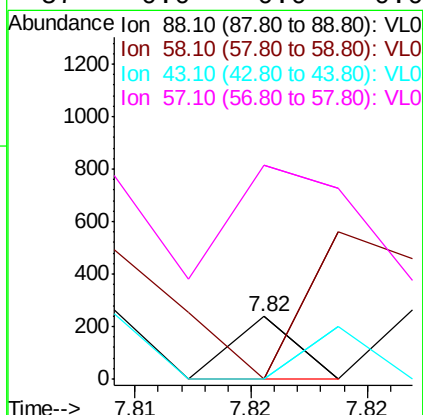
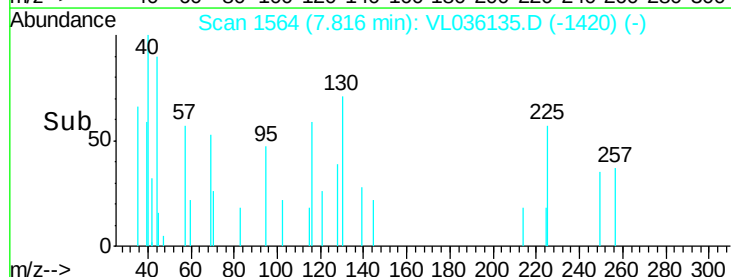
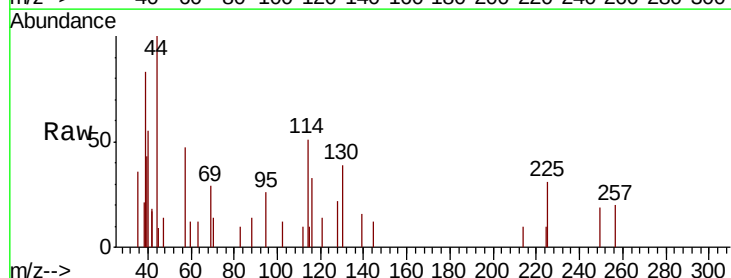
RT: 7.82 min Scan# 1564

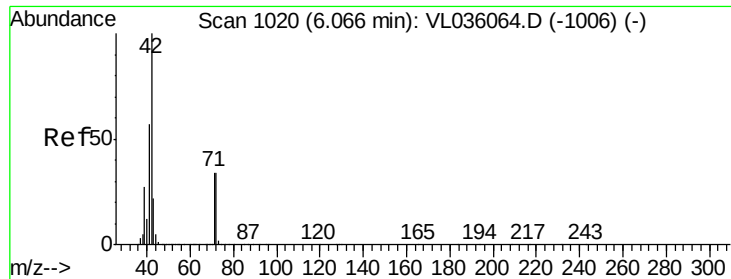
Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion:	88	Resp:	46
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





#41

Tetrahydrofuran

Concen: 0.002 ppbv

RT: 6.06 min Scan# 1019

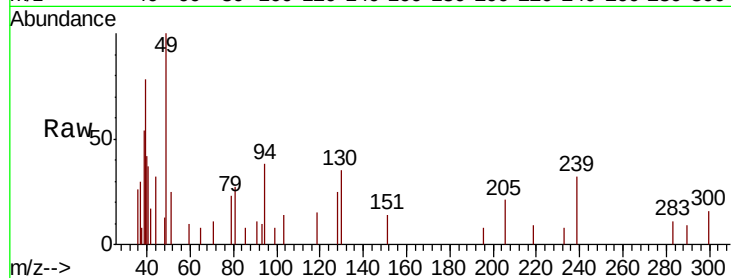
Delta R.T. -0.00 min

Lab File: VL036135.D

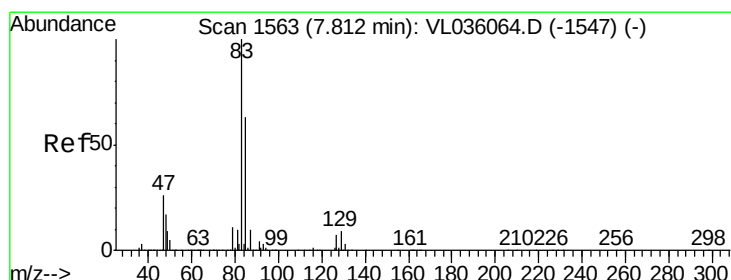
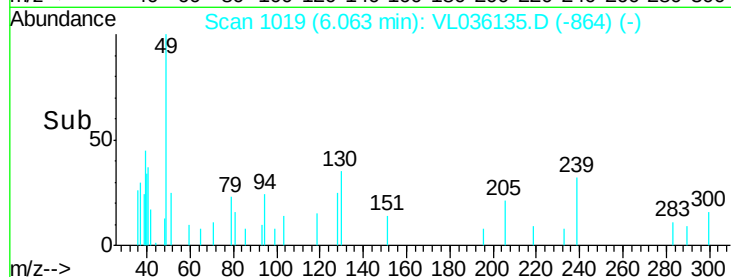
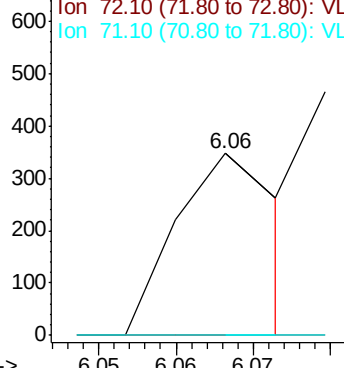
Acq: 10 Dec 2020 19:42

Tot Ion: 42 Resp: 160

Ion	Ratio	Lower	Upper
42	100		
72	59.4	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: 7.78 min Scan# 1553

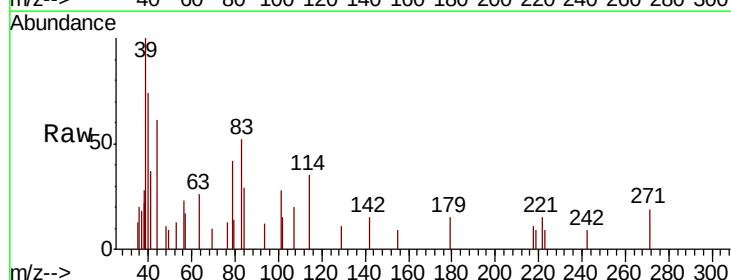
Delta R.T. -0.03 min

Lab File: VL036135.D

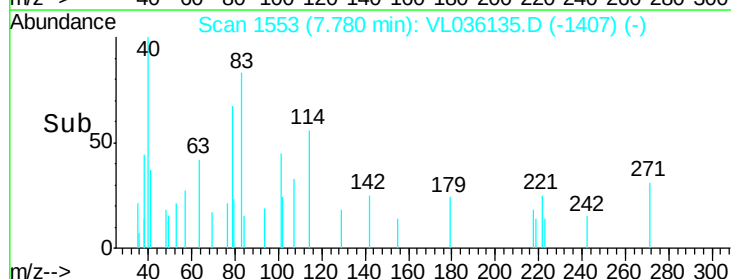
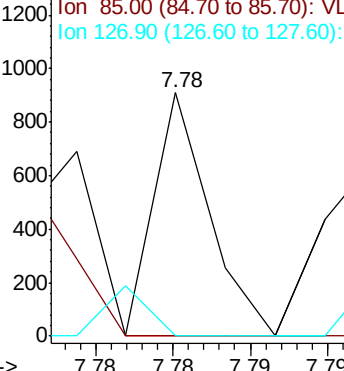
Acq: 10 Dec 2020 19:42

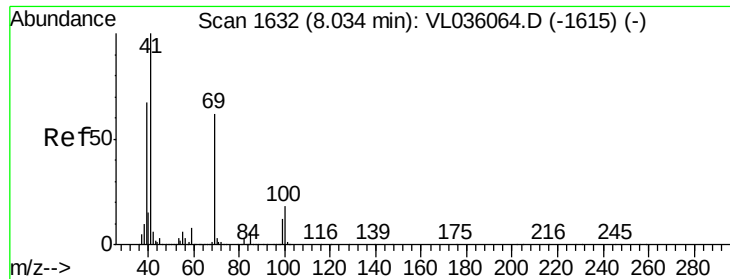
Tgt Ion: 83 Resp: 225

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.2	75.2#
127	0.0	5.5	8.3#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): V





#43

Methyl Methacrylate

Concen: 0.002 ppbv

RT: 8.02 min Scan# 1627

Delta R.T. -0.02 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

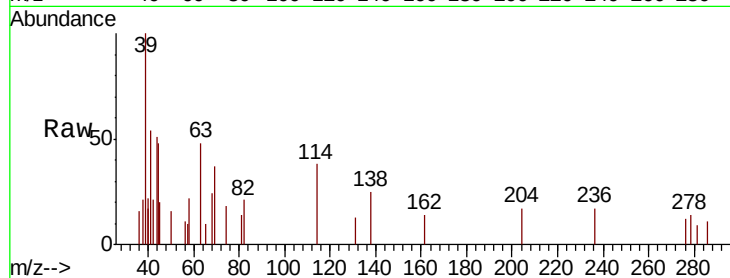
Tot Ion: 69 Resp: 184

Ion Ratio Lower Upper

69 100

41 0.0 133.0 199.6#

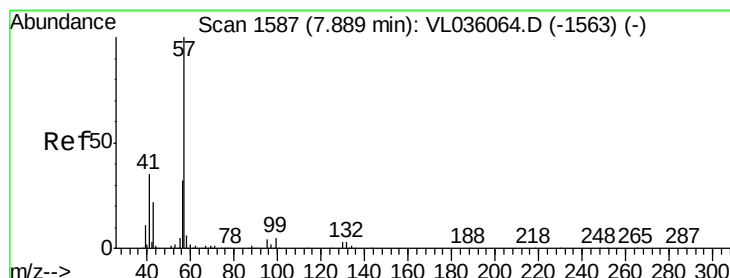
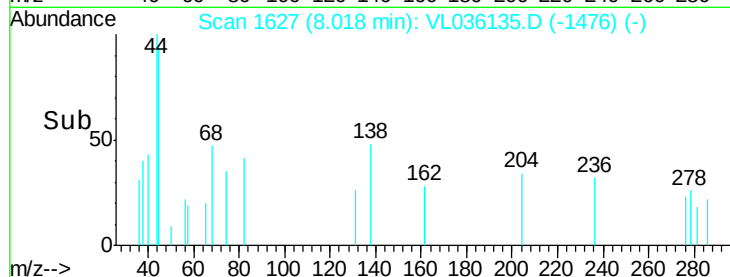
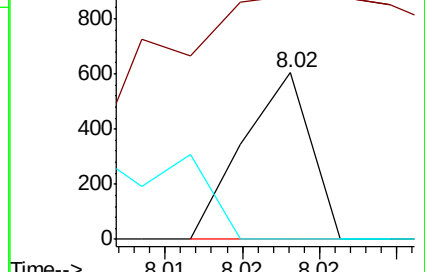
100 125.5 25.4 38.0#



Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0



#44

2,2,4-Trimethylpentane

Concen: 0.001 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

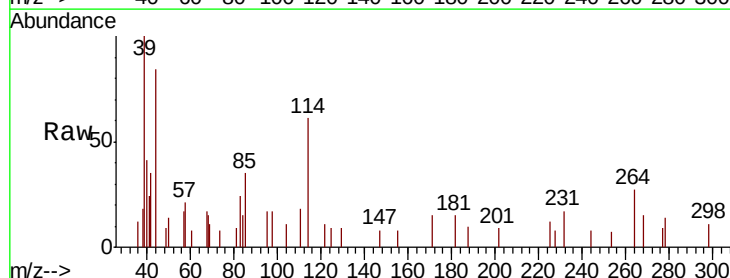
Tgt Ion: 57 Resp: 457

Ion Ratio Lower Upper

57 100

41 0.0 28.9 43.3#

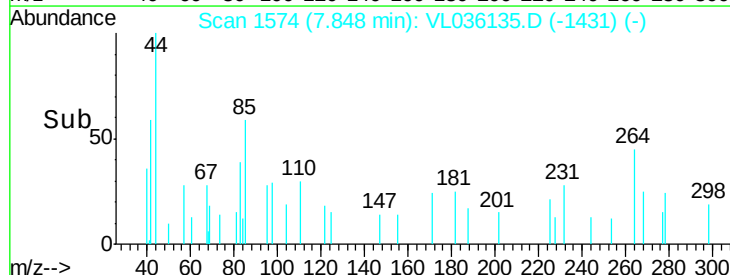
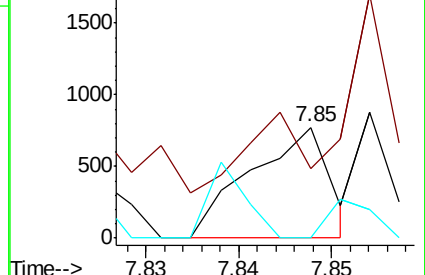
56 0.0 25.3 37.9#

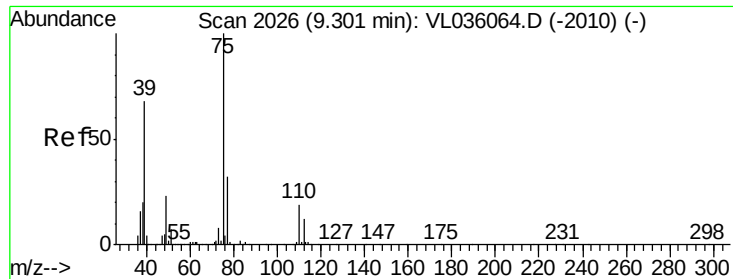


Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#45

t-1,3-Dichloropropene

Concen: 0.001 ppbv

RT: 9.27 min Scan# 2016

Delta R.T. -0.03 min

Lab File: VL036135.D

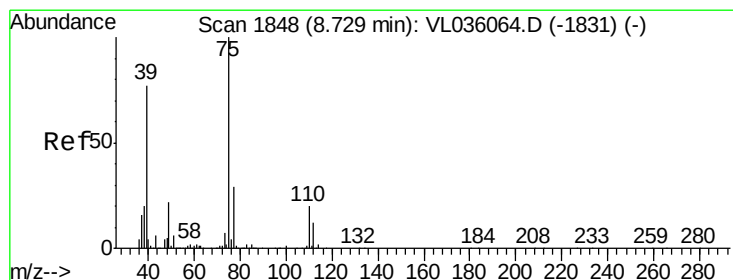
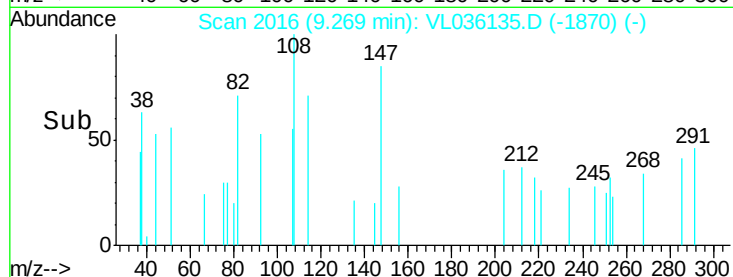
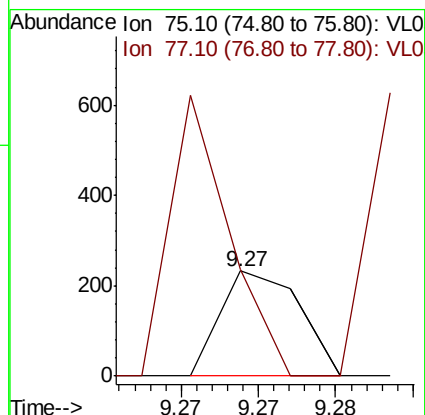
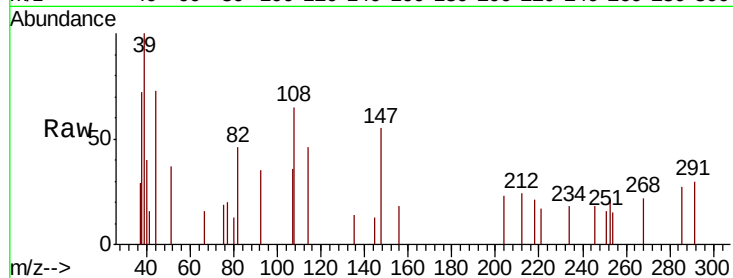
Acq: 10 Dec 2020 19:42

Tot Ion: 75 Resp: 82

Ion Ratio Lower Upper

75 100

77 102.2 26.0 39.0#



#46

cis-1,3-Dichloropropene

Concen: 0.002 ppbv

RT: 8.70 min Scan# 1838

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

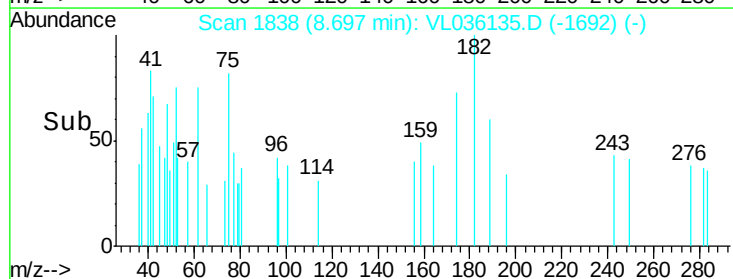
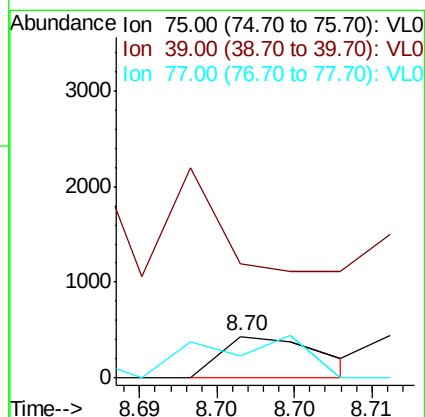
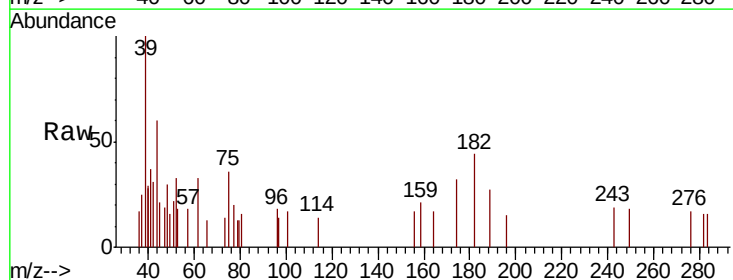
Tgt Ion: 75 Resp: 196

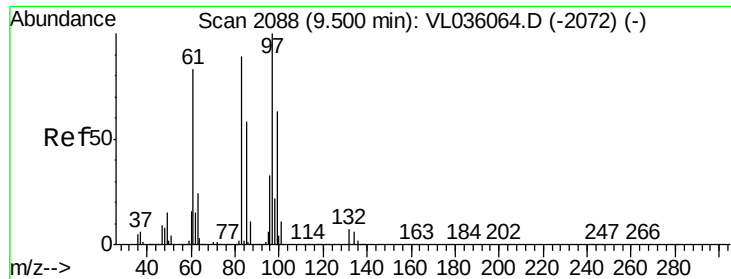
Ion Ratio Lower Upper

75 100

39 20.3 61.6 92.4#

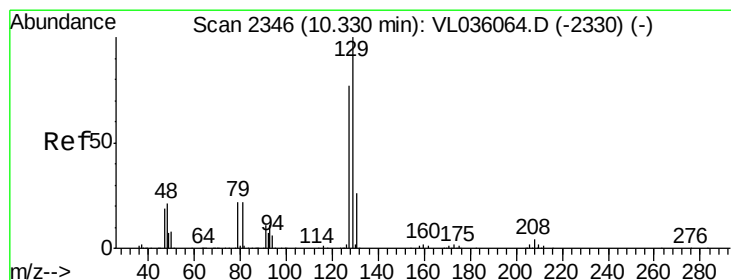
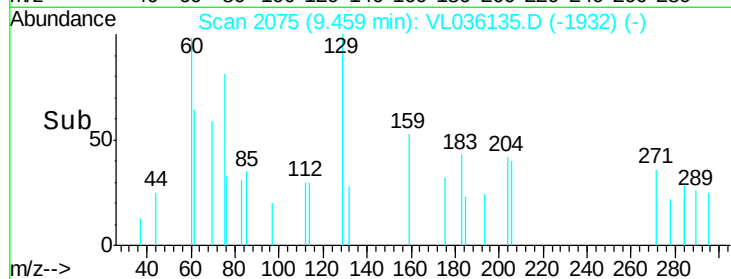
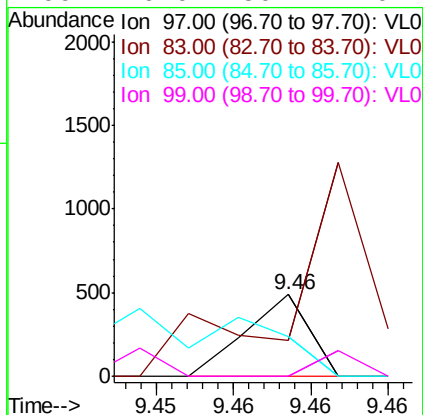
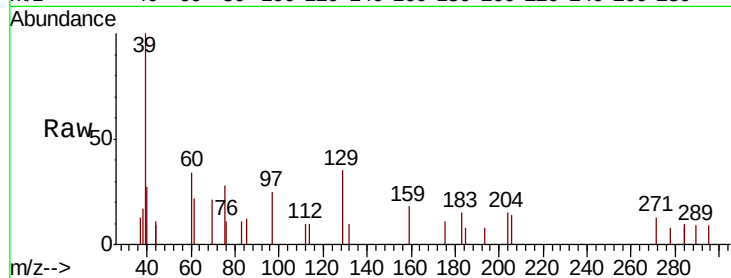
77 54.3 23.0 34.6#





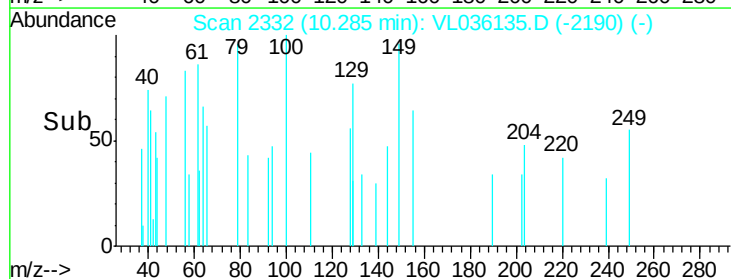
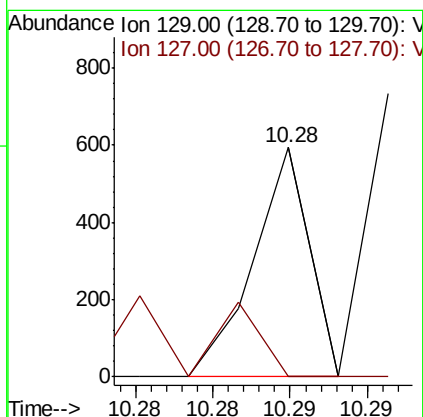
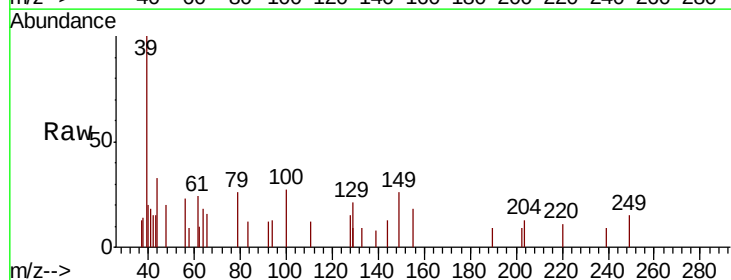
#47
 1,1,2-Trichloroethane
 Concen: 0.002 ppbv
 RT: 9.46 min Scan# 2075
 Delta R.T. -0.04 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

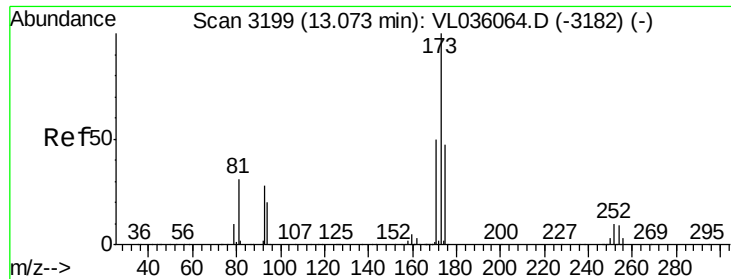
Tot Ion:	97	Resp:	139
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.4	107.2#
85	48.7	46.6	70.0
99	0.0	50.7	76.1#



#48
 Dibromochloromethane
 Concen: 0.001 ppbv
 RT: 10.28 min Scan# 2332
 Delta R.T. -0.05 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

Tgt Ion:	129	Resp:	149
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	117.0#





#49

Bromoform

Concen: 0.001 ppbv

RT: 13.02 min Scan# 3183

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

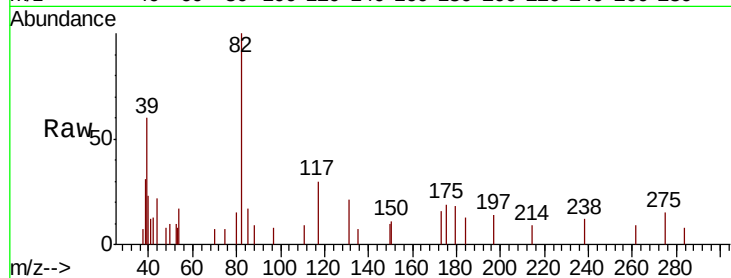
Tot Ion: 173 Resp: 146

Ion Ratio Lower Upper

173 100

175 50.7 39.8 59.6

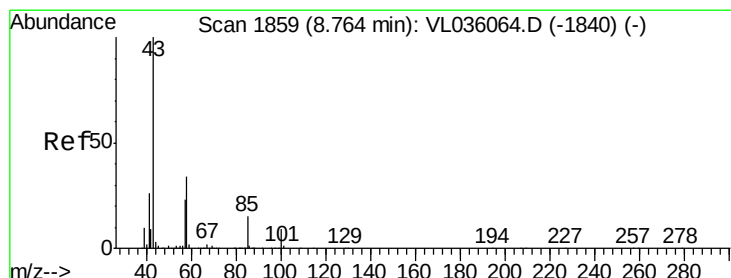
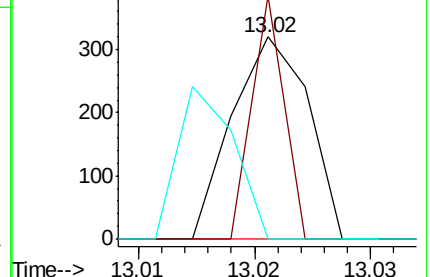
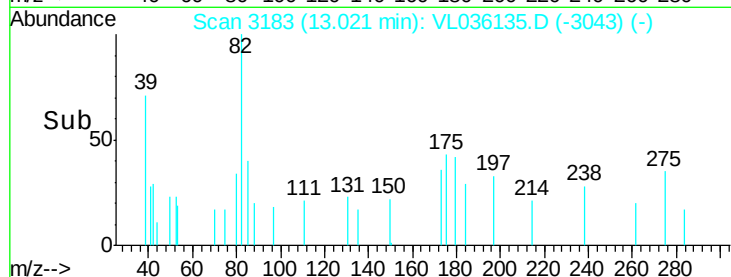
171 0.0 42.5 63.7#



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: 0.002 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.03 min

Lab File: VL036135.D

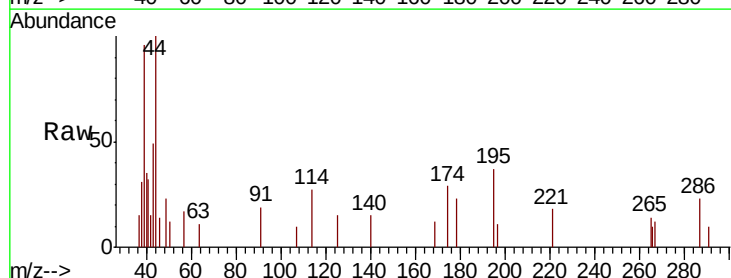
Acq: 10 Dec 2020 19:42

Tgt Ion: 43 Resp: 574

Ion Ratio Lower Upper

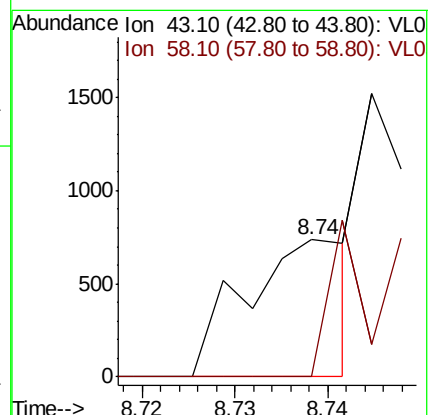
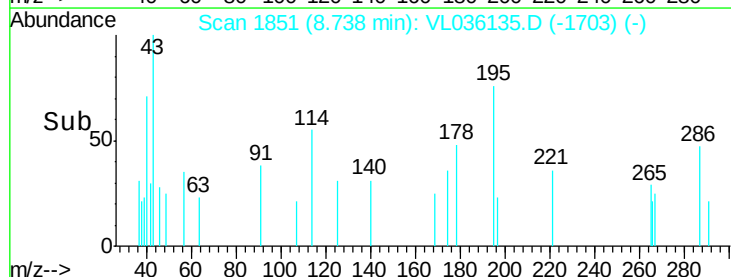
43 100

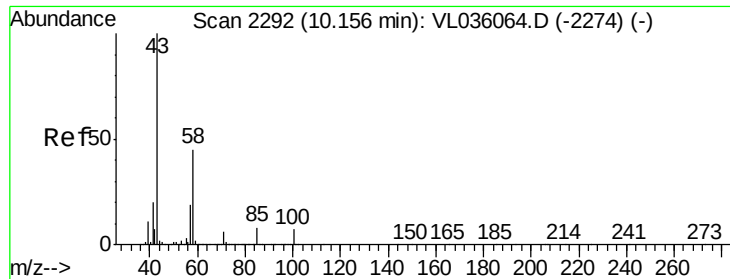
58 0.0 27.4 41.2#



Abundance Ion 43.10 (42.80 to 43.80): VL0

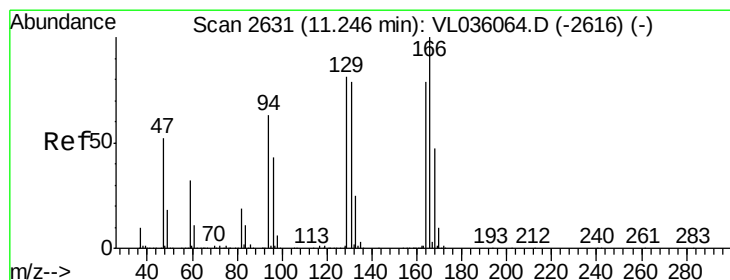
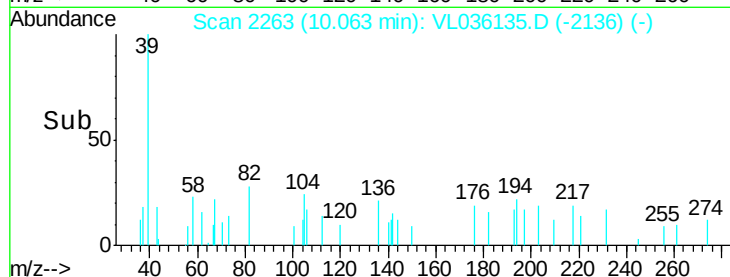
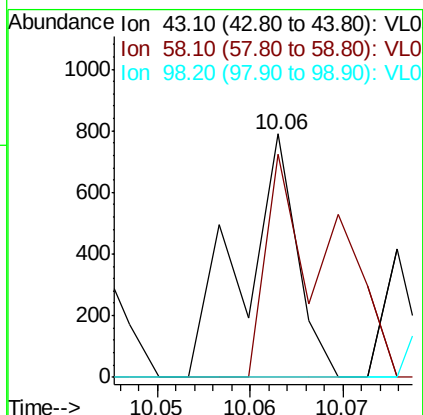
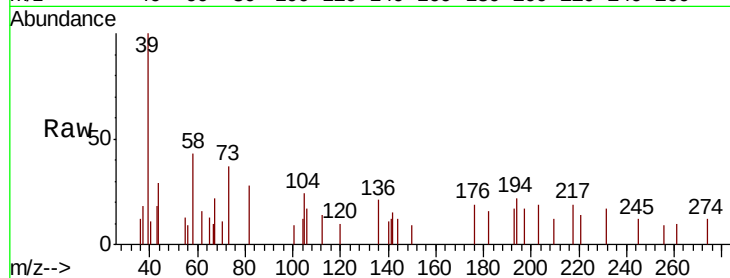
Ion 58.10 (57.80 to 58.80): VL0





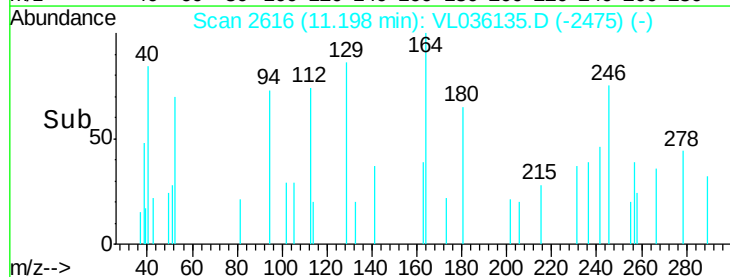
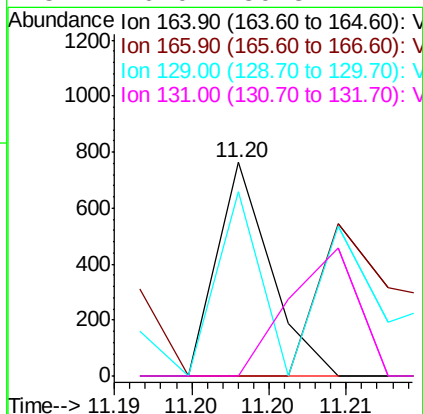
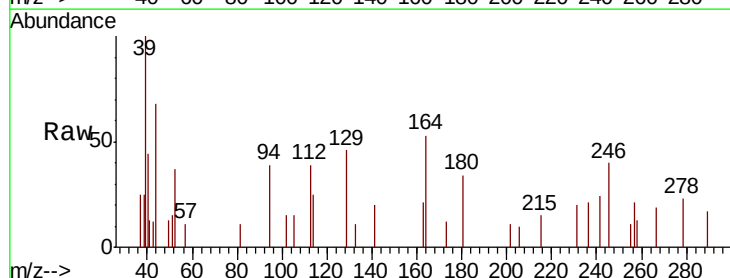
#51
2-Hexanone
Concen: 0.002 ppbv
RT: 10.06 min Scan# 2263
Delta R.T. -0.09 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

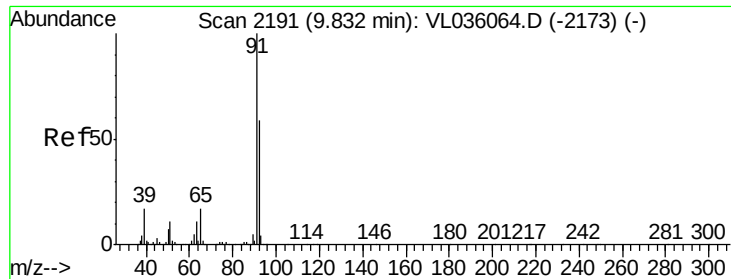
Tot Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 107.5 38.7 58.1#
98 78.8 0.1 0.1#



#52
Tetrachloroethene
Concen: 0.002 ppbv
RT: 11.20 min Scan# 2616
Delta R.T. -0.05 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion: 164 Resp: 184
Ion Ratio Lower Upper
164 100
166 0.0 101.9 152.9#
129 86.4 82.1 123.1
131 0.0 80.8 121.2#





#53

Toluene

Concen: 0.002 ppbv

RT: 9.78 min Scan# 2174

Delta R.T. -0.05 min

Lab File: VL036135.D

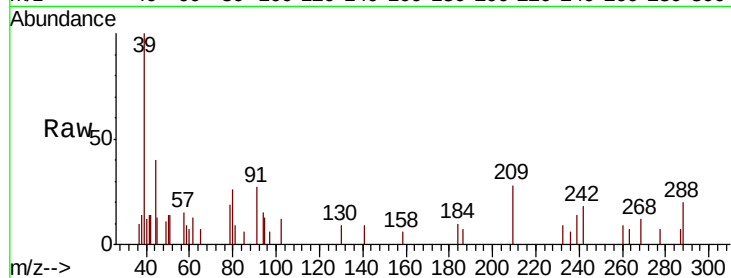
Acq: 10 Dec 2020 19:42

Tot Ion: 91 Resp: 539

Ion Ratio Lower Upper

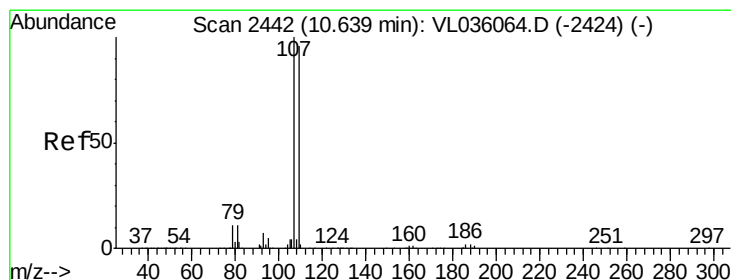
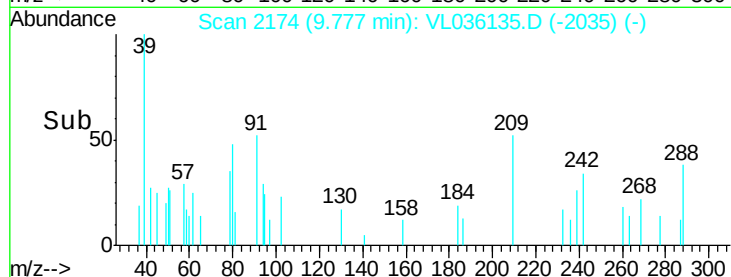
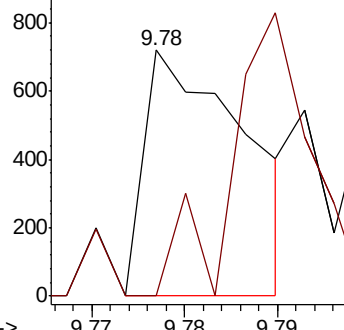
91 100

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: 0.000 ppbv

RT: 10.63 min Scan# 2439

Delta R.T. -0.01 min

Lab File: VL036135.D

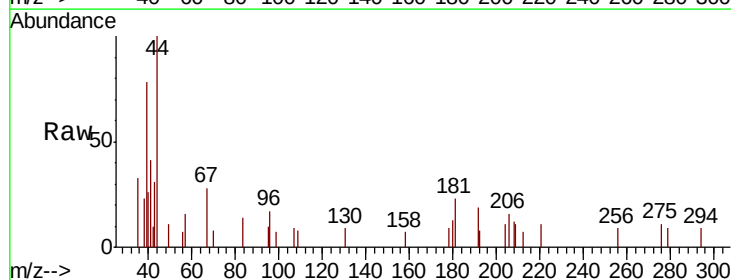
Acq: 10 Dec 2020 19:42

Tgt Ion: 107 Resp: 38

Ion Ratio Lower Upper

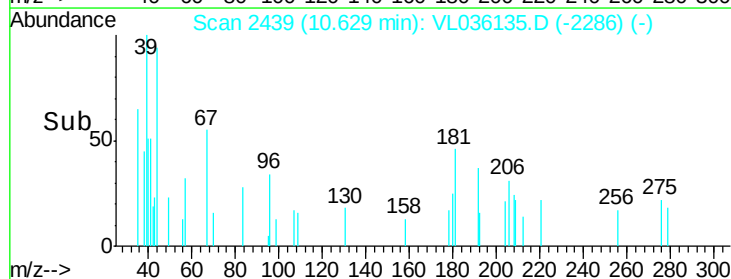
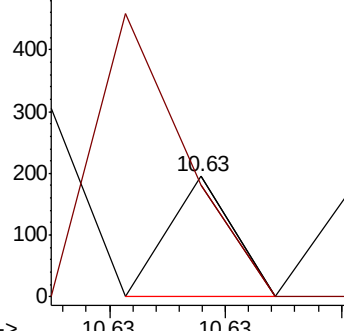
107 100

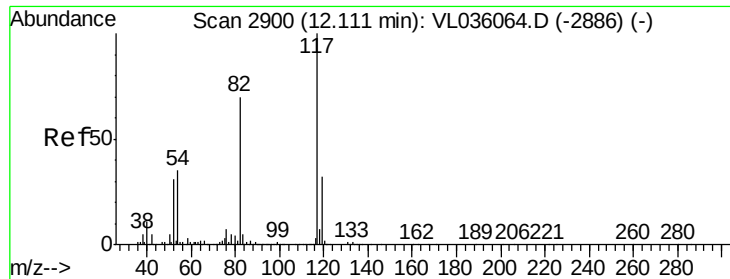
109 92.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

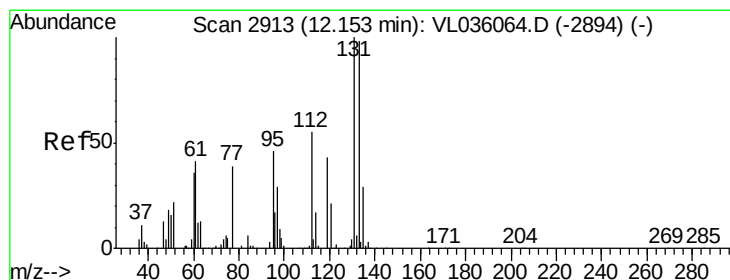
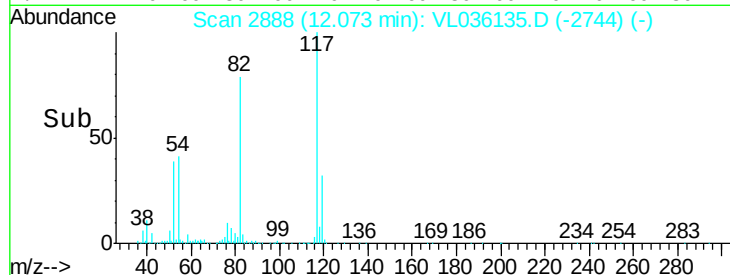
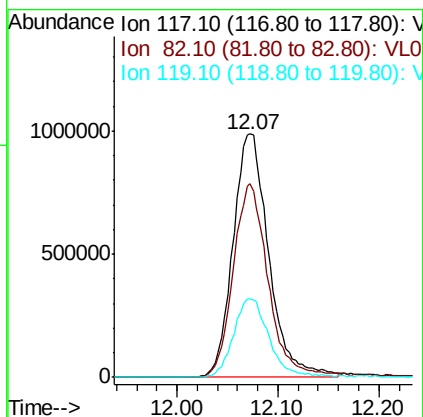
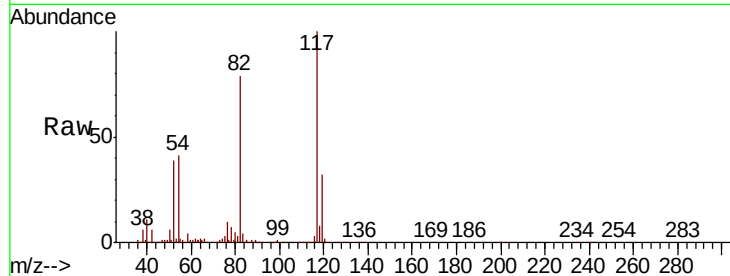
Ion 109.00 (108.70 to 109.70): V





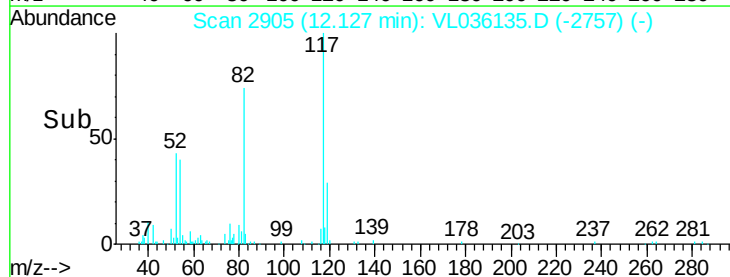
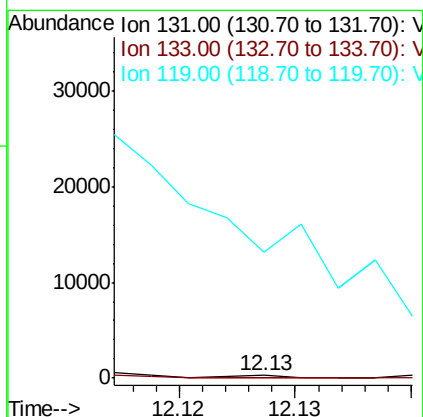
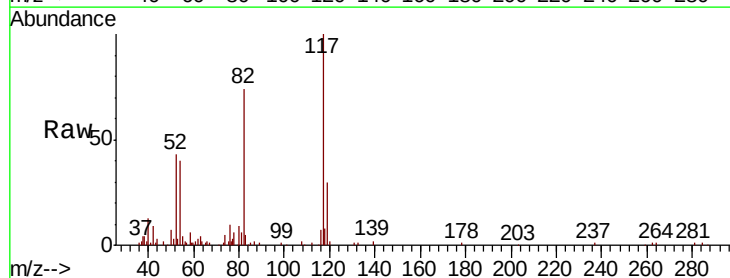
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

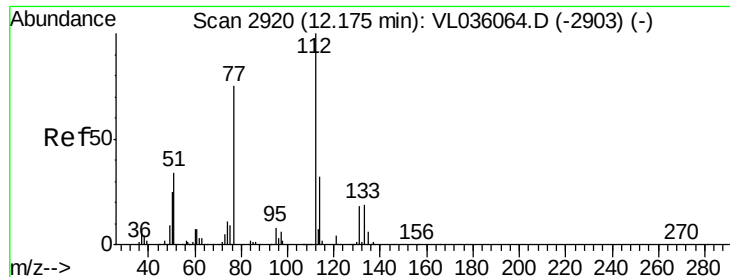
Tot Ion:117 Resp: 2435938
Ion Ratio Lower Upper
117 100
82 77.9 0.0 0.0#
119 32.8 0.0 0.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 0.001 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.03 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

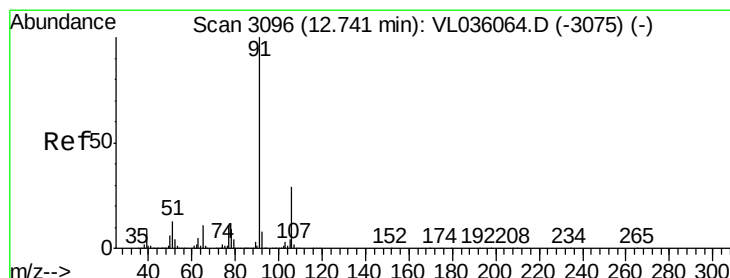
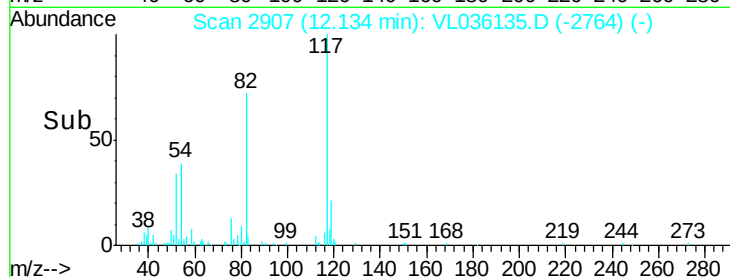
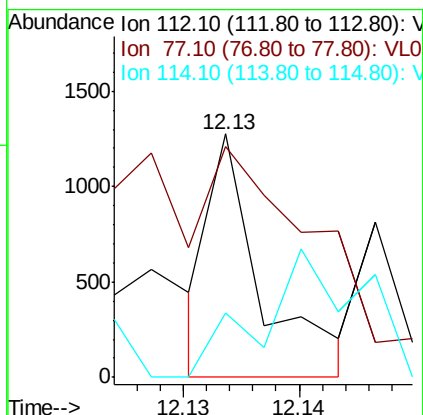
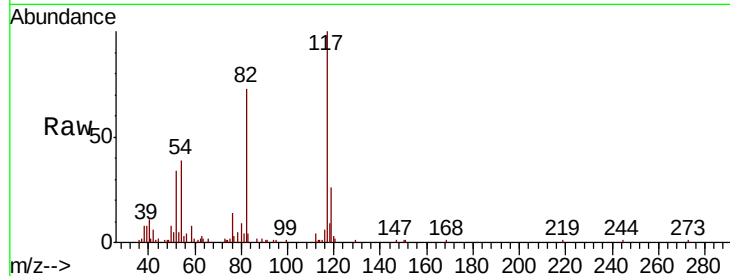
Tgt Ion:131 Resp: 92
Ion Ratio Lower Upper
131 100
133 0.0 77.7 116.5#
119 0.0 51.6 77.4#





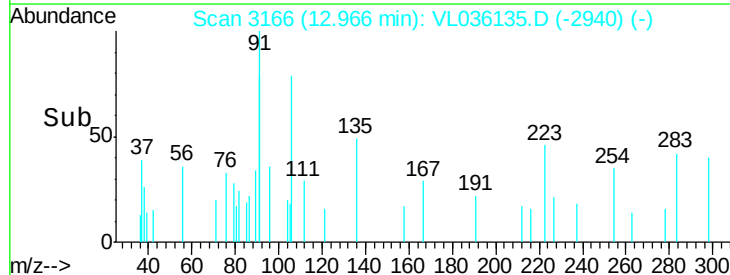
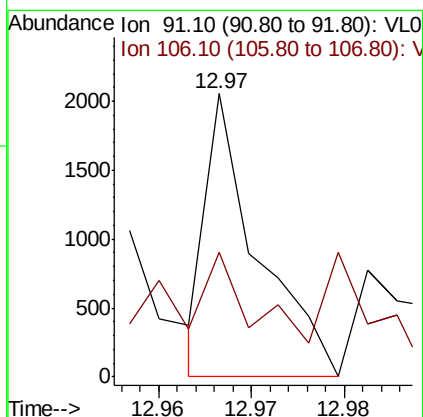
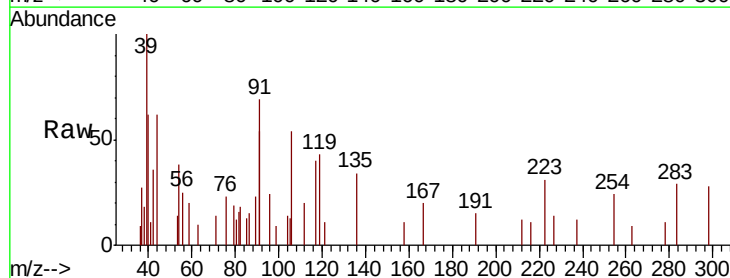
#57
Chlorobenzene
Concen: 0.002 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.04 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

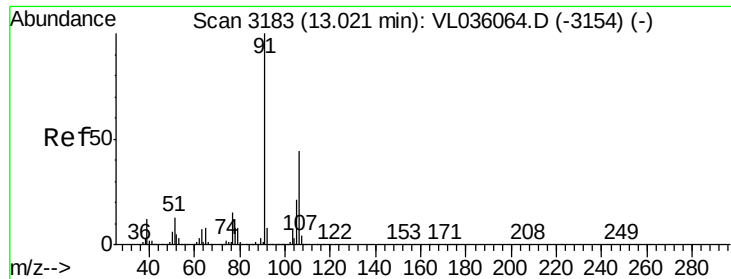
Tot Ion: 112 Resp: 400
Ion Ratio Lower Upper
112 100
77 59.8 60.5 90.7#
114 37.9 29.2 35.6#



#58
Ethyl Benzene
Concen: 0.002 ppbv
RT: 12.97 min Scan# 3166
Delta R.T. 0.23 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

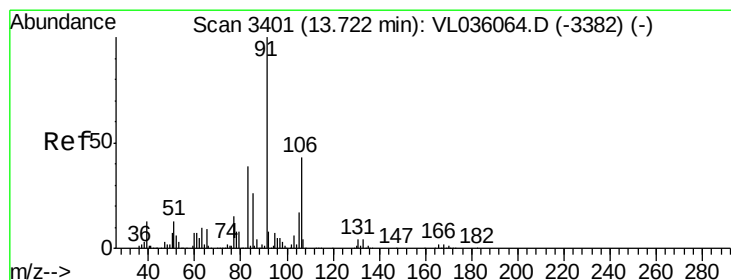
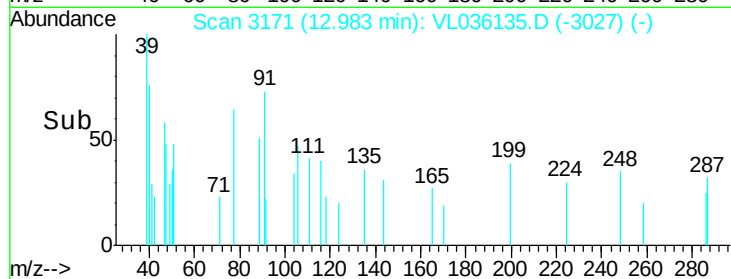
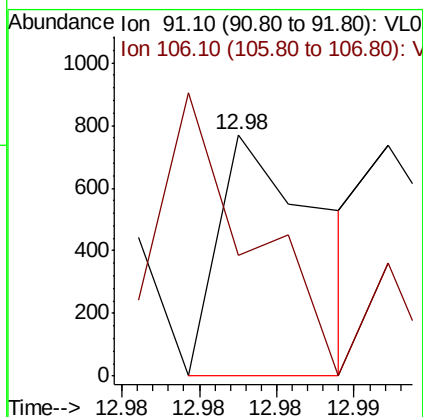
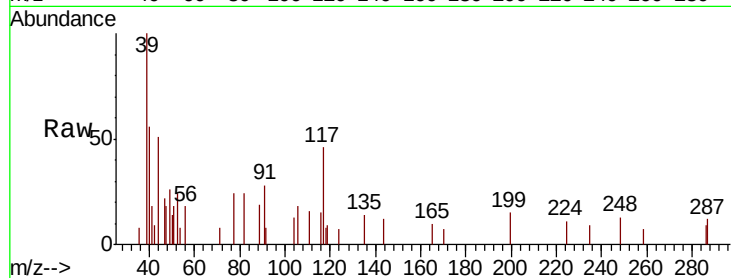
Tgt Ion: 91 Resp: 794
Ion Ratio Lower Upper
91 100
106 27.3 23.0 34.4





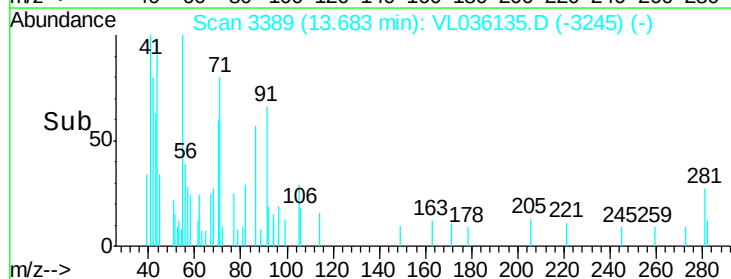
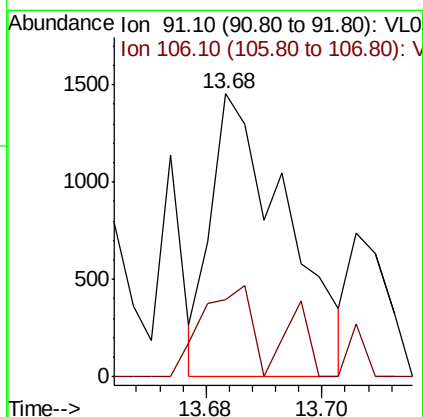
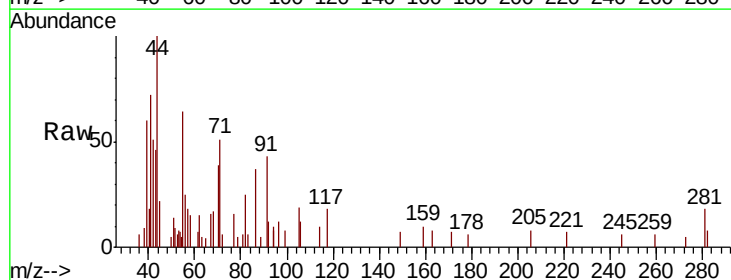
#59
m/p-Xylene
Concen: 0.001 ppbv
RT: 12.98 min Scan# 3171
Delta R.T. -0.04 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

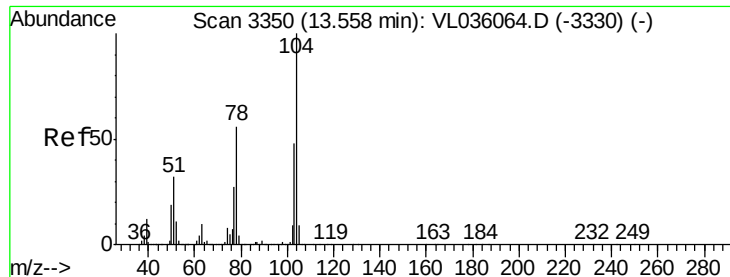
Tot Ion: 91 Resp: 356
Ion Ratio Lower Upper
91 100
106 0.0 33.6 50.4#



#60
o-Xylene
Concen: 0.005 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.04 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion: 91 Resp: 1300
Ion Ratio Lower Upper
91 100
106 29.6 21.6 64.6





#61

Stvrene

Concen: 0.001 ppbv

RT: 13.52 min Scan# 3337

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

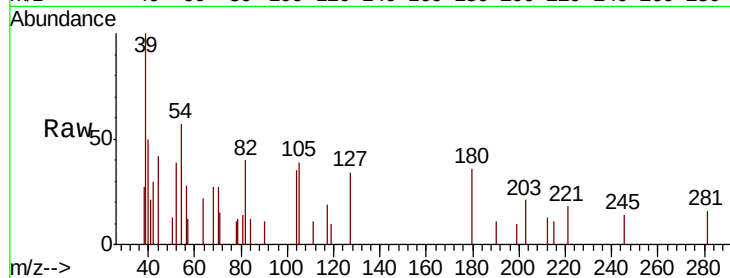
Tot Ion:104 Resp: 221

Ion Ratio Lower Upper

104 100

78 0.0 45.8 68.8#

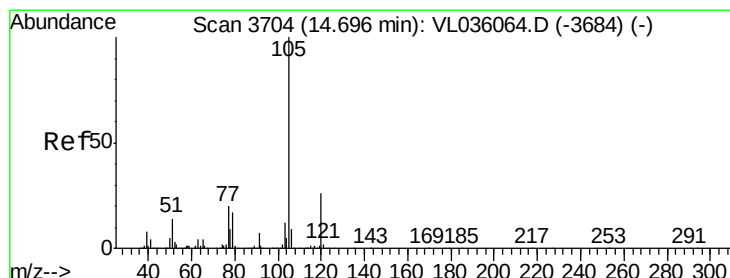
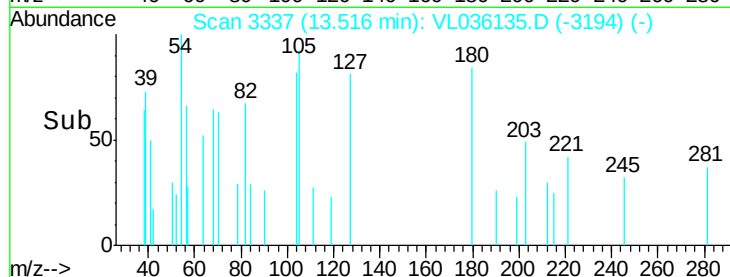
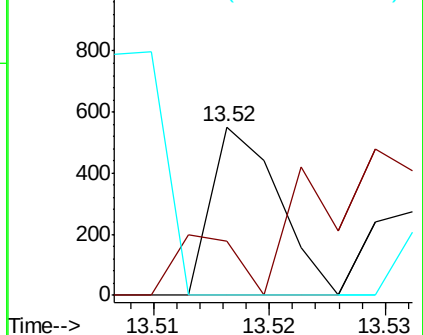
103 138.5 38.6 57.8#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#62

Isopropylbenzene

Concen: 0.001 ppbv

RT: 14.65 min Scan# 3691

Delta R.T. -0.04 min

Lab File: VL036135.D

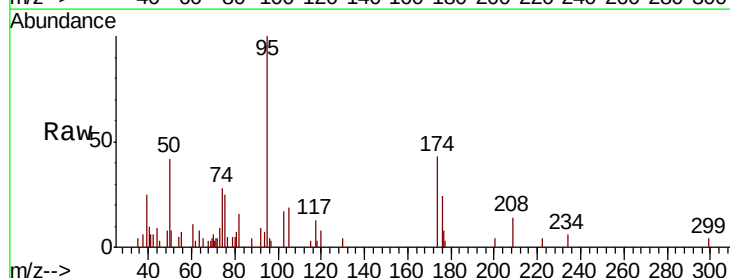
Acq: 10 Dec 2020 19:42

Tgt Ion:105 Resp: 447

Ion Ratio Lower Upper

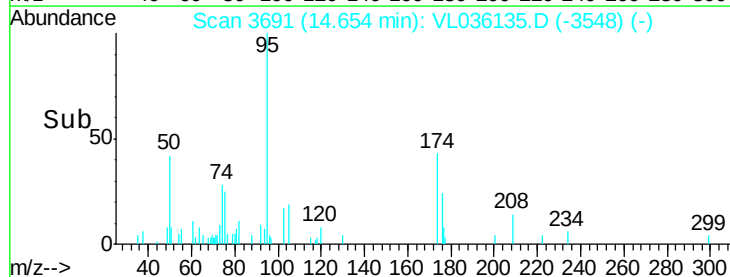
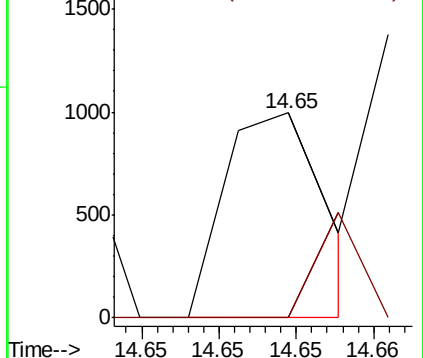
105 100

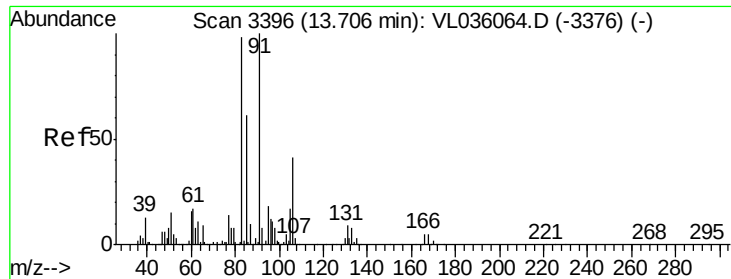
120 0.0 20.1 30.1#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V





#63

1,1,2,2-Tetrachloroethane

Concen: 0.004 ppbv

RT: 13.67 min Scan# 3384

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

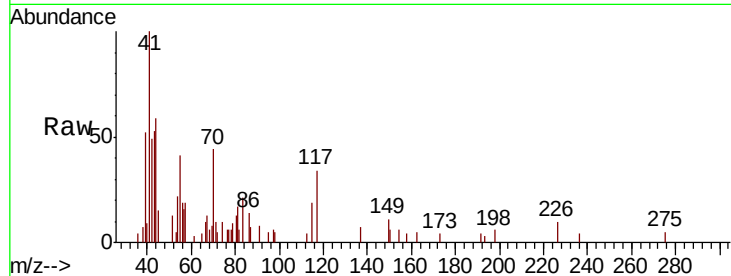
Tot Ion: 83 Resp: 709

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

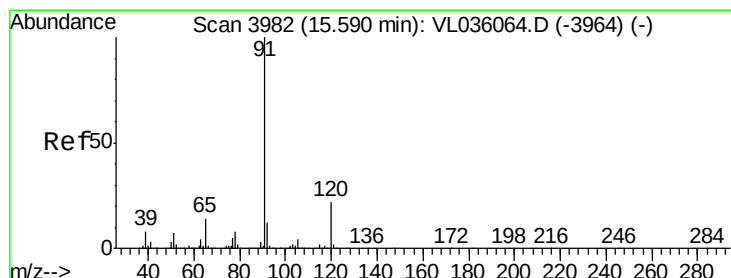
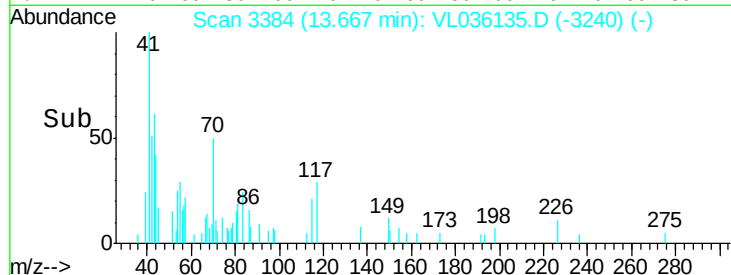
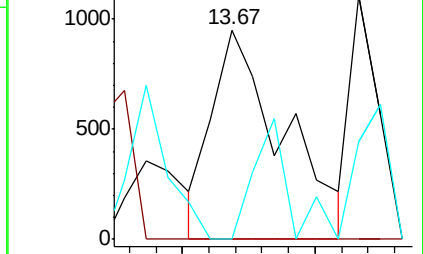
85 0.0 32.5 97.5#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 0.001 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. -0.05 min

Lab File: VL036135.D

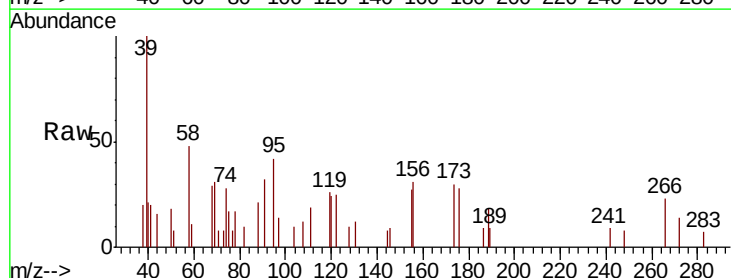
Acq: 10 Dec 2020 19:42

Tgt Ion: 120 Resp: 126

Ion Ratio Lower Upper

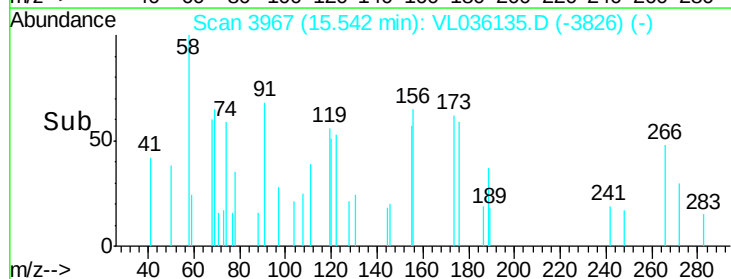
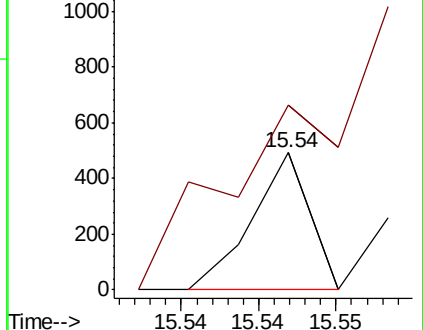
120 100

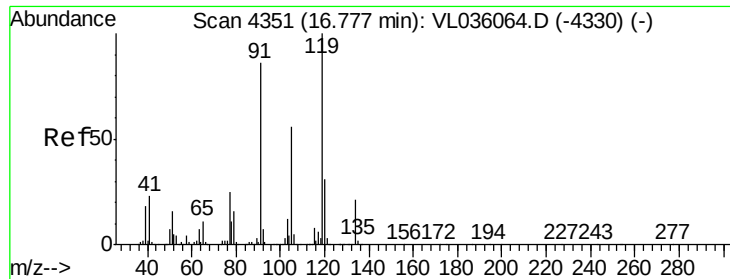
91 865.9 388.9 583.3#



Abundance Ion 120.20 (119.90 to 120.90): V

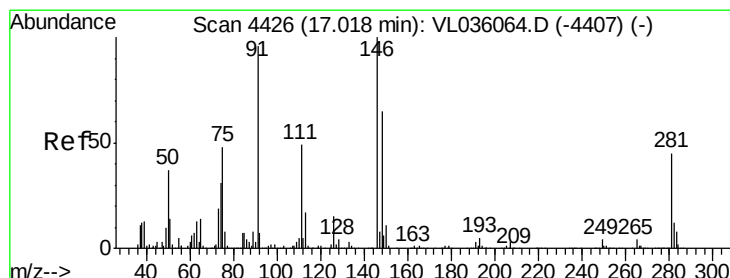
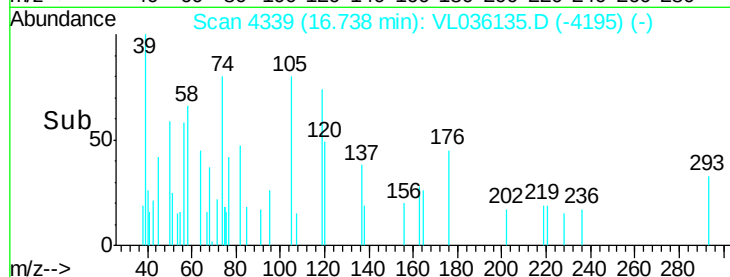
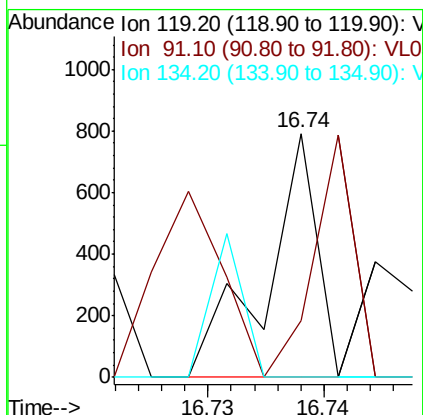
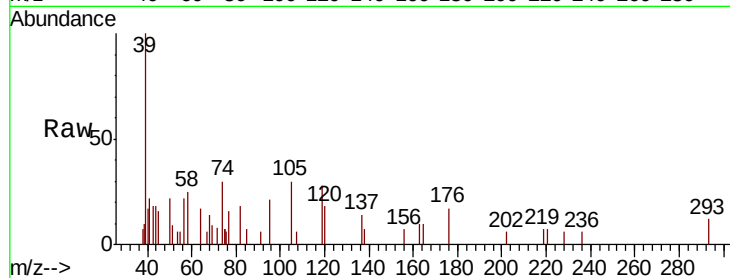
Ion 91.10 (90.80 to 91.80): VL0





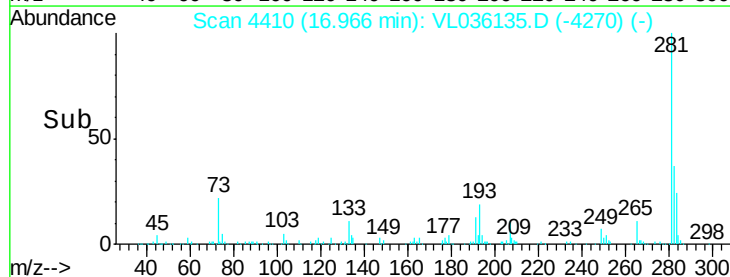
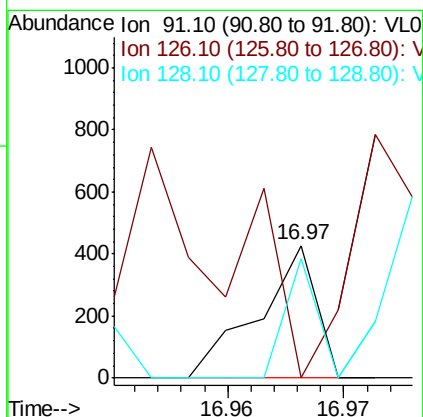
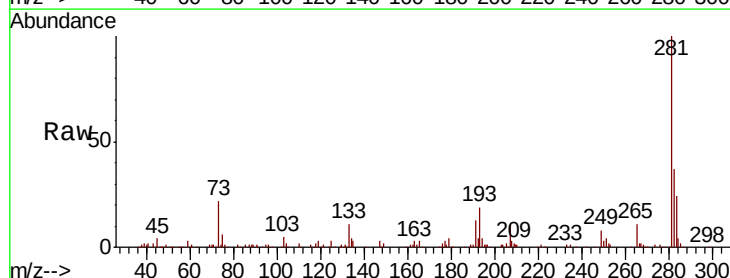
#65
 tert-Butylbenzene
 Concen: 0.001 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.04 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

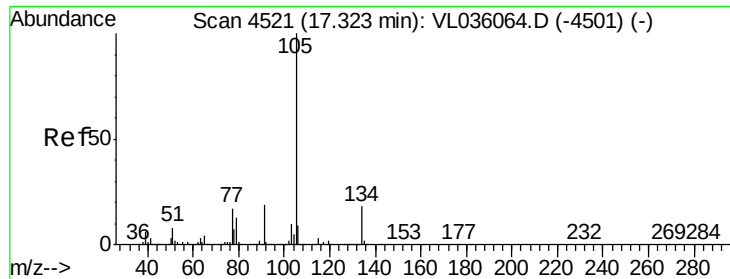
Tot Ion: 119 Resp: 241
 Ion Ratio Lower Upper
 119 100
 91 193.4 70.2 105.2#
 134 78.0 15.8 23.6#



#66
 Benzyl Chloride
 Concen: 0.002 ppbv
 RT: 16.97 min Scan# 4410
 Delta R.T. -0.05 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

Tgt Ion: 91 Resp: 148
 Ion Ratio Lower Upper
 91 100
 126 458.8 13.5 20.3#
 128 0.0 4.4 6.6#





#67

sec-Butylbenzene

Concen: 0.000 ppbv

RT: 17.27 min Scan# 4504

Delta R.T. -0.05 min

Lab File: VL036135.D

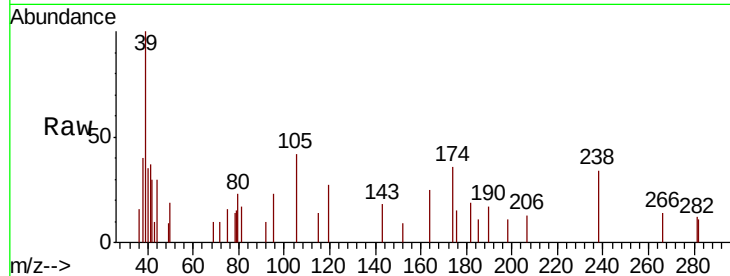
Acq: 10 Dec 2020 19:42

Tot Ion: 105 Resp: 173

Ion Ratio Lower Upper

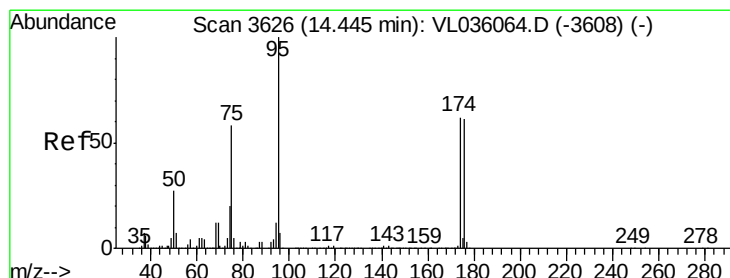
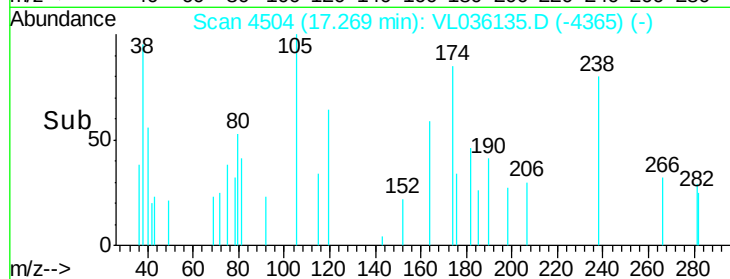
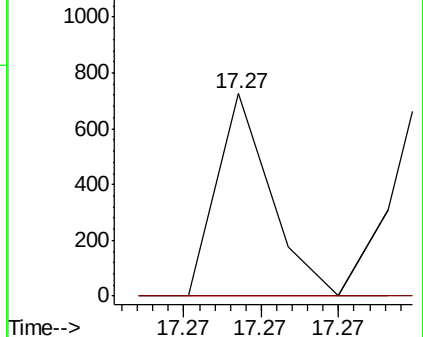
105 100

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: 10.658 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.04 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

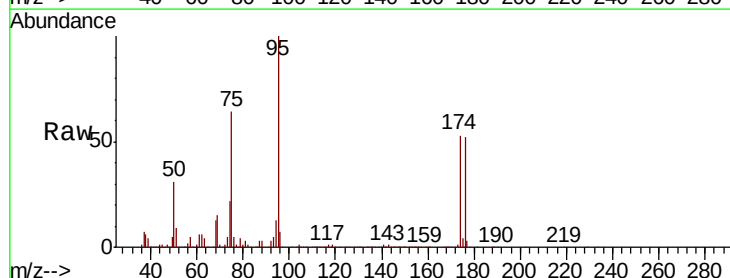
Tgt Ion: 95 Resp: 2061444

Ion Ratio Lower Upper

95 100

174 56.8 50.7 76.1

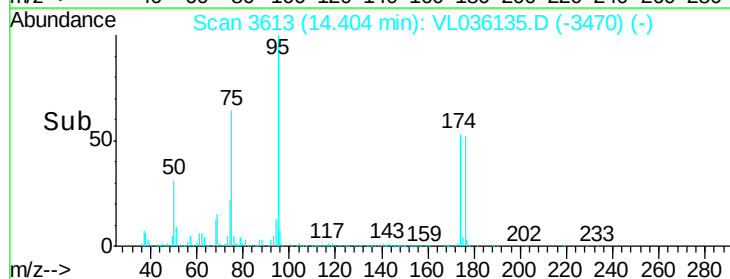
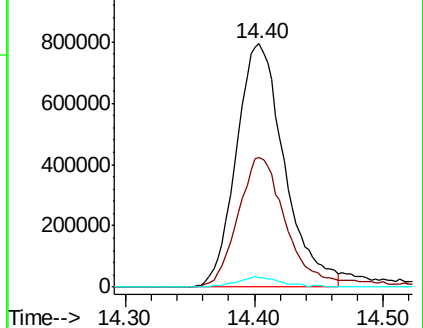
175 4.0 4.0 6.0#

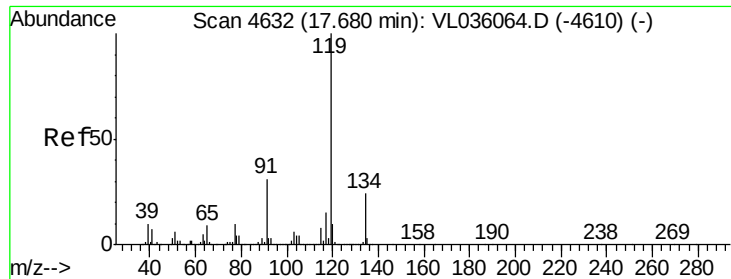


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#69

p-Isopropyltoluene

Concen: 0.001 ppbv

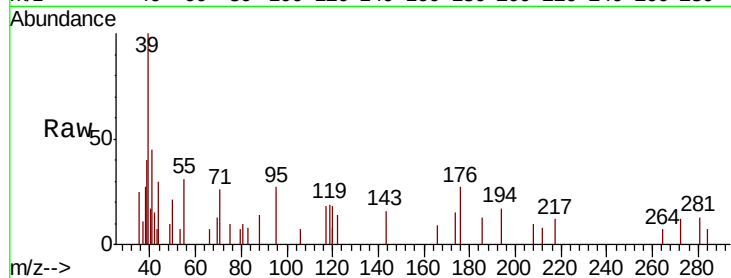
RT: 17.63 min Scan# 4616

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tot Ion:	119	Resp:	492
Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.8	29.6#
91	0.0	25.8	38.6#

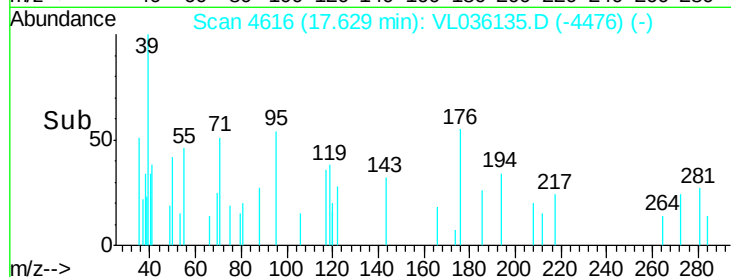


Abundance Ion 119.10 (118.80 to 119.80): V

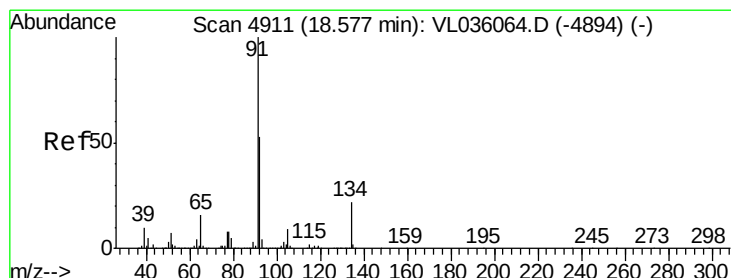
Ion 134.20 (133.90 to 134.90): V

Ion 91.10 (90.80 to 91.80): V

Time-->



Time-->



#70

n-Butylbenzene

Concen: 0.001 ppbv

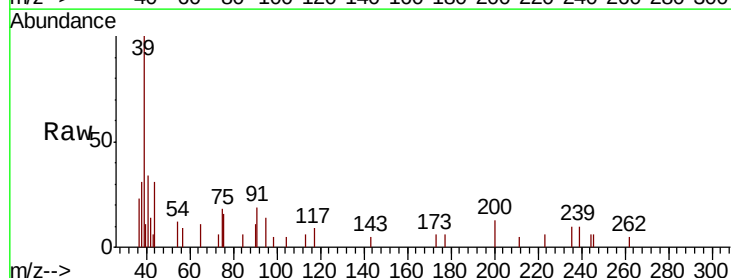
RT: 18.53 min Scan# 4896

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion:	91	Resp:	415
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.3	64.9#
134	0.0	17.1	25.7#

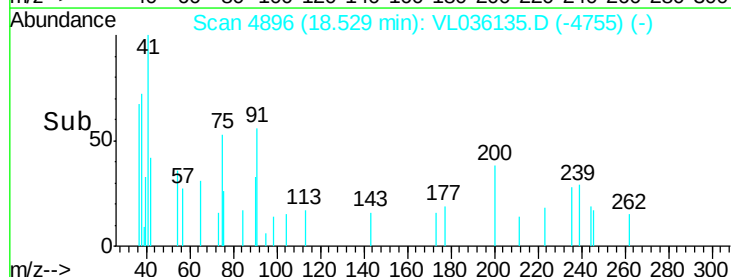


Abundance Ion 91.10 (90.80 to 91.80): VL0

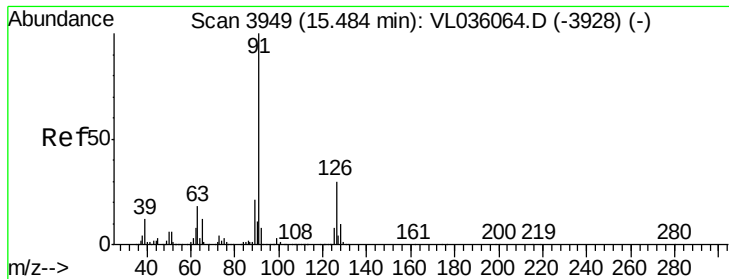
Ion 92.10 (91.80 to 92.80): VL0

Ion 134.20 (133.90 to 134.90): V

Time-->



Time-->



#71

2-Chlorotoluene

Concen: 0.001 ppbv

RT: 15.77 min Scan# 4039

Delta R.T. 0.29 min

Lab File: VL036135.D

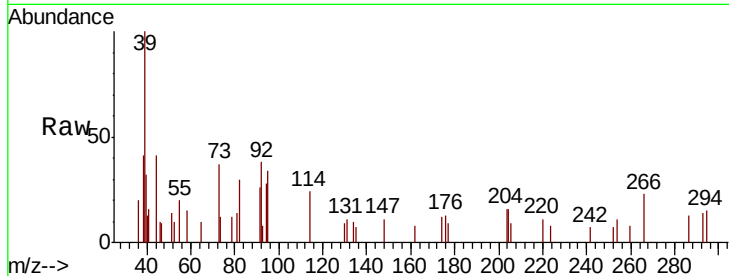
Acq: 10 Dec 2020 19:42

Tot Ion: 91 Resp: 179

Ion Ratio Lower Upper

91 100

126 24.6 11.6 46.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

15.77

600

500

400

300

200

100

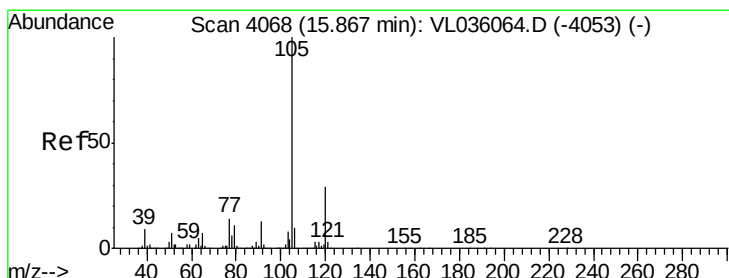
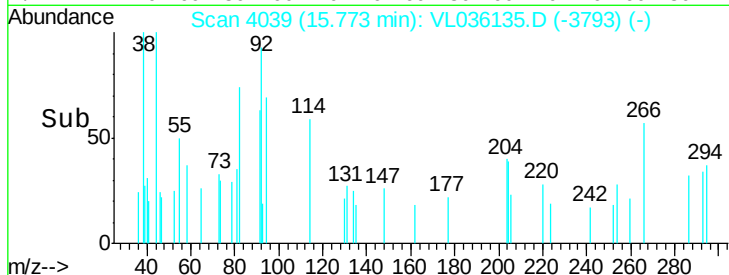
0

15.77

15.77

15.78

Time-->



#72

4-Ethyltoluene

Concen: 0.001 ppbv

RT: 15.82 min Scan# 4052

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

Tgt Ion: 105 Resp: 236

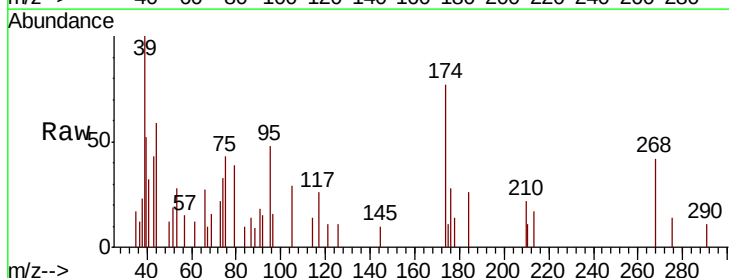
Ion Ratio Lower Upper

105 100

120 119.9 23.6 35.4#

91 0.0 11.4 17.0#

77 0.0 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

1000

500

0

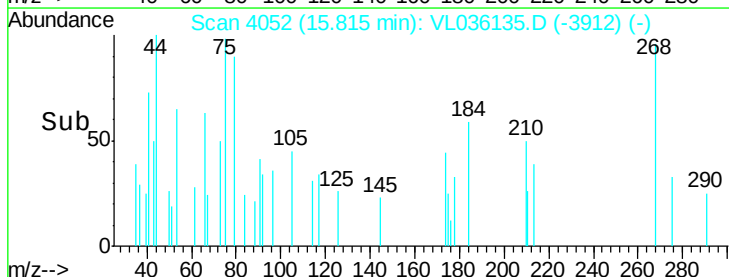
15.81

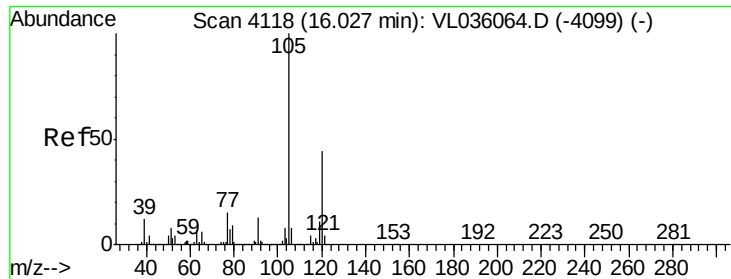
15.81

15.82

15.82

Time-->

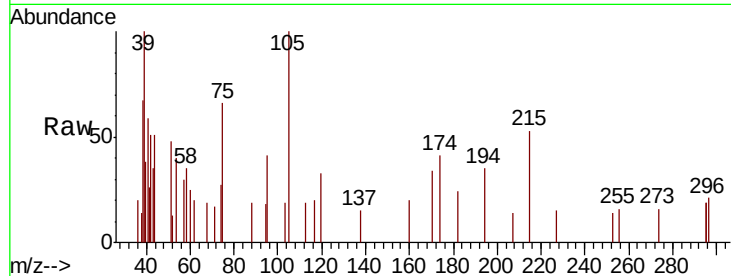




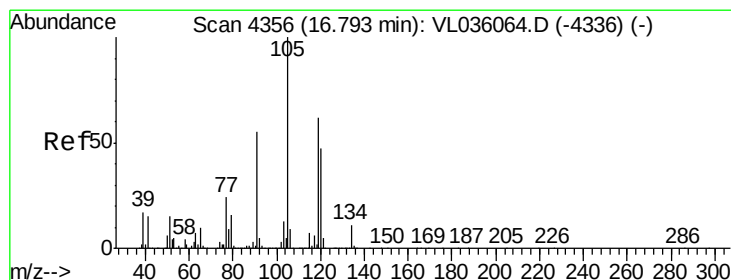
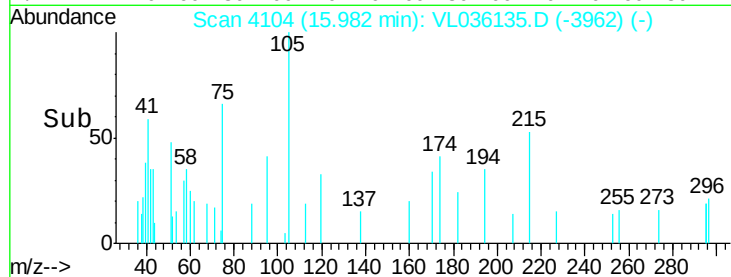
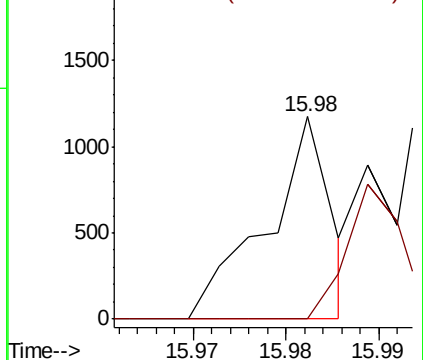
#73

1,3,5-Trimethylbenzene
Concen: 0.002 ppbv
RT: 15.98 min Scan# 4104
Delta R.T. -0.05 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tot Ion:105 Resp: 563
Ion Ratio Lower Upper
105 100
120 0.0 35.4 53.2#



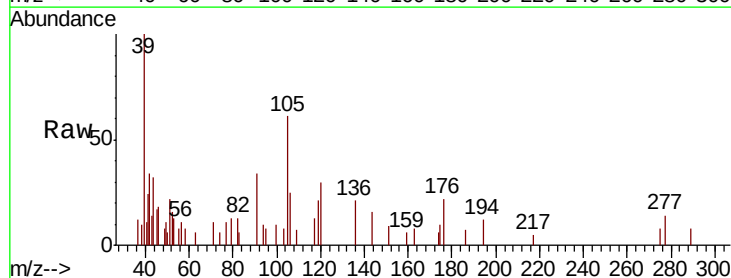
Abundance Ion 105.10 (104.80 to 105.80): V
Ion 120.20 (119.90 to 120.90): V



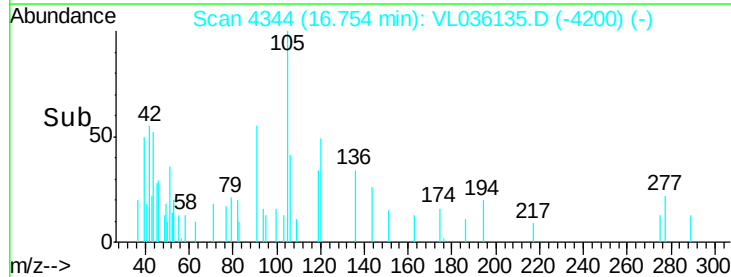
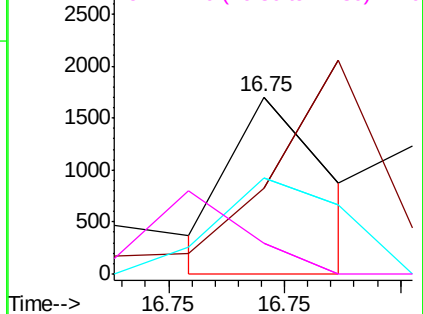
#74

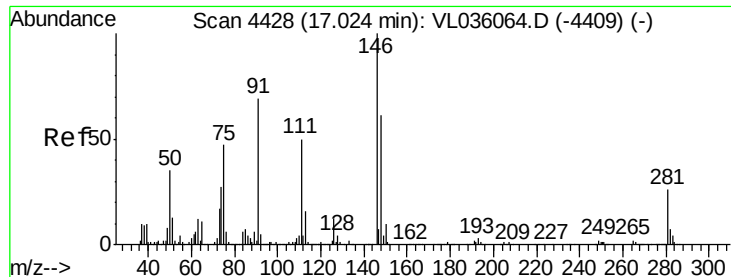
1,2,4-Trimethylbenzene
Concen: 0.002 ppbv
RT: 16.75 min Scan# 4344
Delta R.T. -0.04 min
Lab File: VL036135.D
Acq: 10 Dec 2020 19:42

Tgt Ion:105 Resp: 496
Ion Ratio Lower Upper
105 100
120 47.5 37.4 56.0
91 50.7 45.6 68.4
77 22.3 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: 0.002 ppbv

RT: 16.97 min Scan# 4412

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

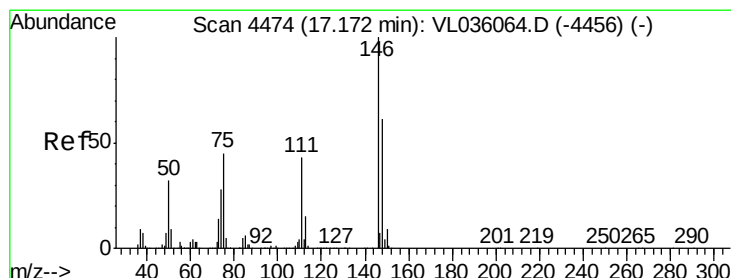
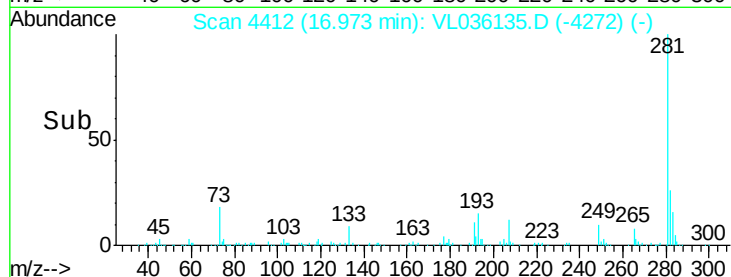
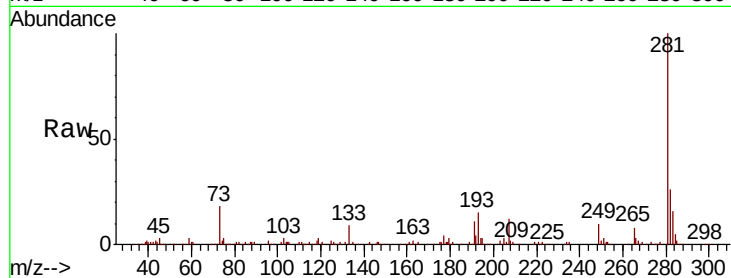
Tot Ion:146 Resp: 310

Ion Ratio Lower Upper

146 100

111 954.5 25.1 75.3#

148 168.4 32.9 98.6#



#76

1,4-Dichlorobenzene

Concen: 0.002 ppbv

RT: 17.11 min Scan# 4456

Delta R.T. -0.06 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

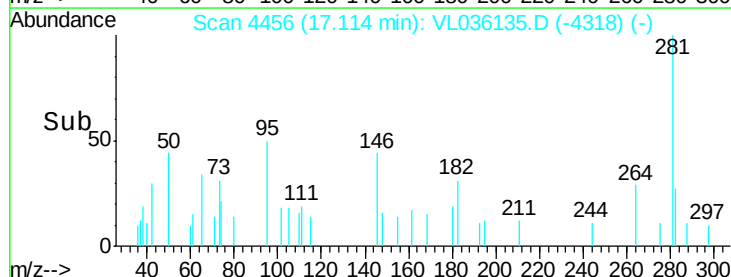
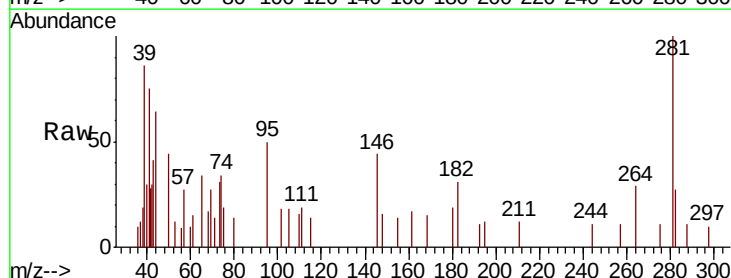
Tgt Ion:146 Resp: 231

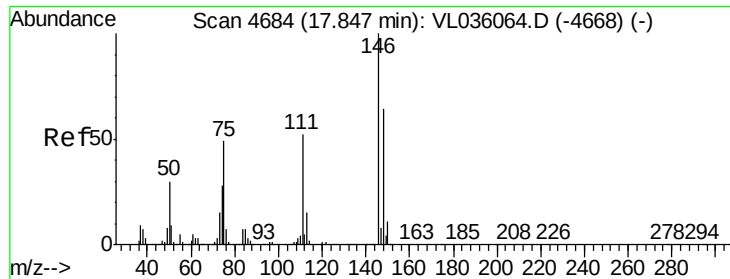
Ion Ratio Lower Upper

146 100

111 0.0 24.3 72.8#

148 0.0 32.8 98.3#





#77

1,2-Dichlorobenzene

Concen: 0.003 ppbv

RT: 17.82 min Scan# 4674

Delta R.T. -0.03 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

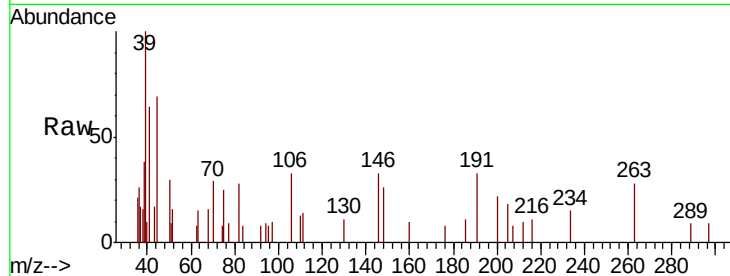
Tot Ion:146 Resp: 439

Ion Ratio Lower Upper

146 100

111 71.8 26.1 78.2

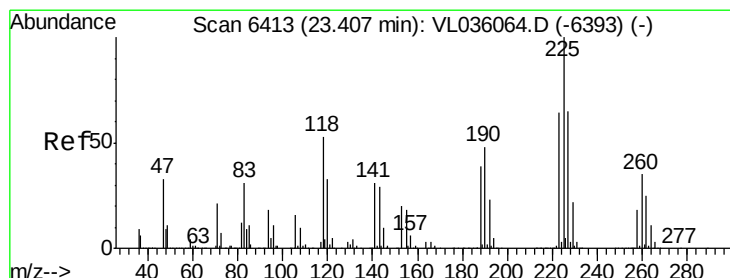
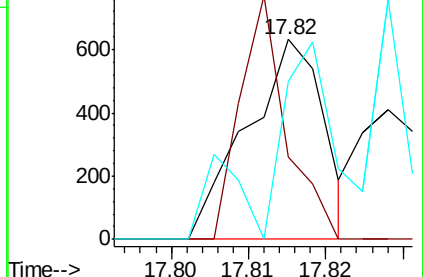
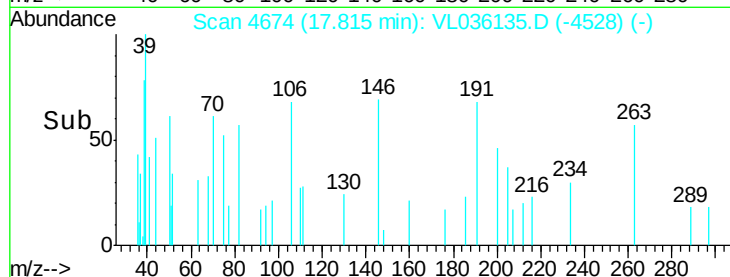
148 0.0 33.1 99.5#



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: 0.002 ppbv

RT: 23.34 min Scan# 6393

Delta R.T. -0.06 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

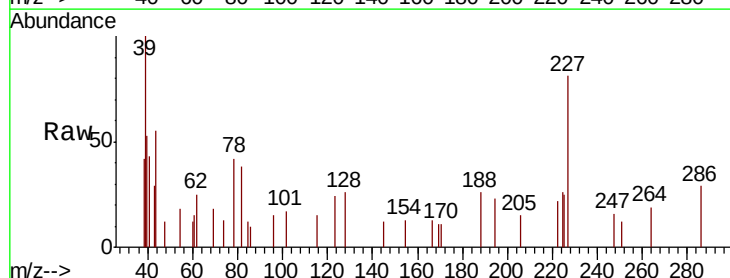
Tgt Ion:225 Resp: 206

Ion Ratio Lower Upper

225 100

223 44.2 51.1 76.7#

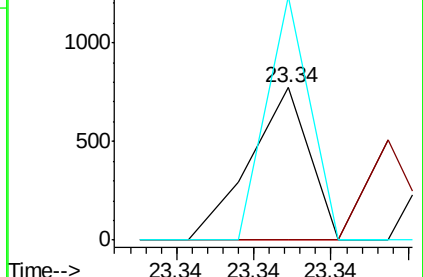
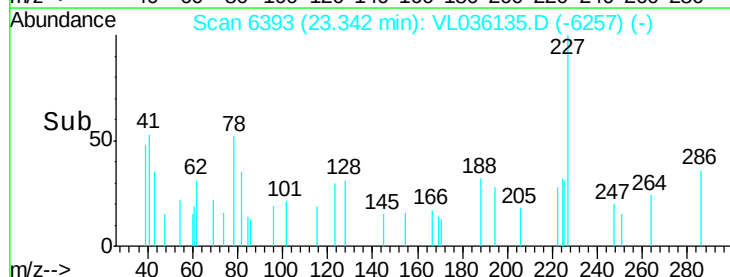
227 0.0 51.7 77.5#

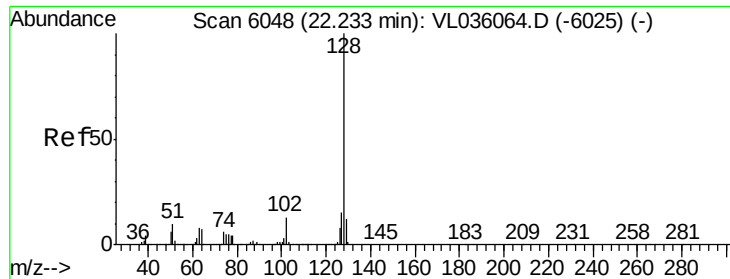


Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V





#79

Naphthalene

Concen: 0.002 ppbv

RT: 22.18 min Scan# 6033

Delta R.T. -0.05 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

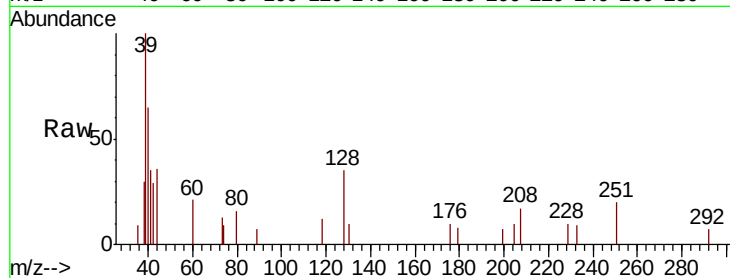
Tot Ion:128 Resp: 262

Ion Ratio Lower Upper

128 100

127 0.0 11.7 17.5#

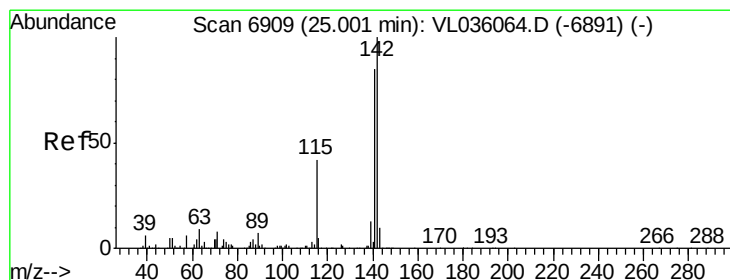
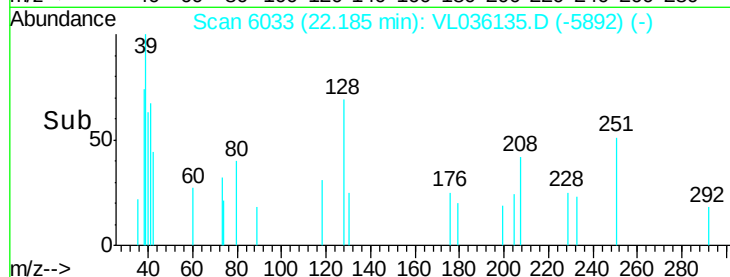
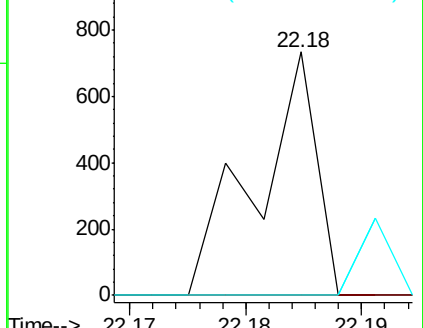
129 0.0 9.3 13.9#



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: 0.005 ppbv

RT: 24.83 min Scan# 6857

Delta R.T. -0.17 min

Lab File: VL036135.D

Acq: 10 Dec 2020 19:42

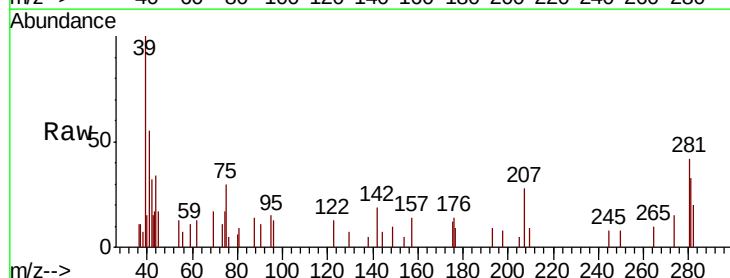
Tgt Ion:142 Resp: 147

Ion Ratio Lower Upper

142 100

141 0.0 64.3 96.5#

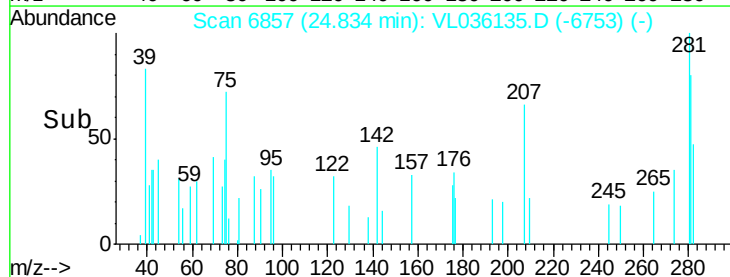
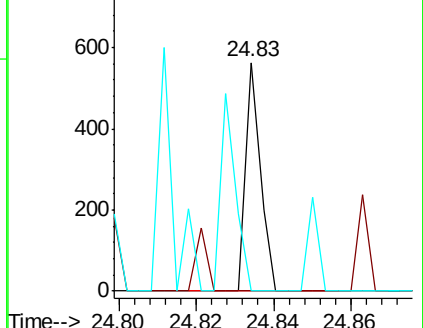
115 219.0 33.9 50.9#

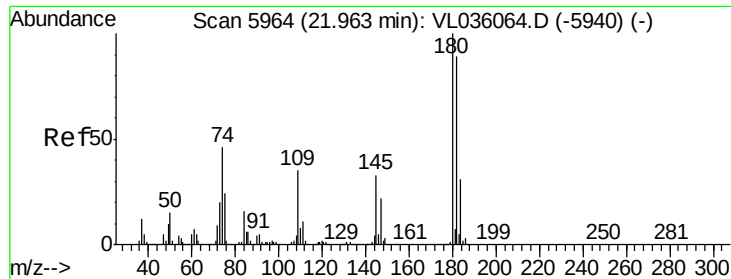


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

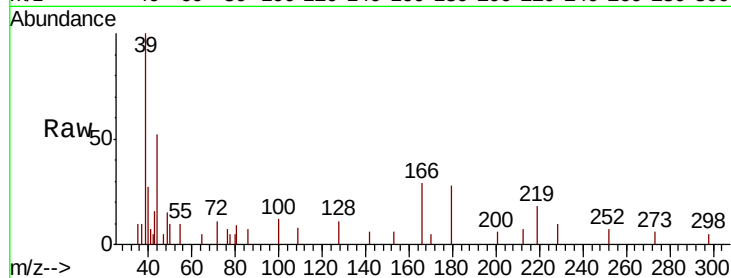
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 0.002 ppbv
 RT: 21.92 min Scan# 5951
 Delta R.T. -0.04 min
 Lab File: VL036135.D
 Acq: 10 Dec 2020 19:42

Tot Ion:	180	Resp:	205
Ion Ratio	Lower	Upper	
180	100		
182	0.0	0.0	0.0
184	0.0	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

